

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 12:14:12 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Paper Excellence has demonstrated their investment in improving effluent treatment project. In good faith, they have come to the table to meet with the public to address the concerns and have heavily invested in research to further define this project, factually! The Nova Scotia government has pushed Northern Pulp into a corner by shortening the lease of Boat Harbour by 10 years! In the public's eye, perception is that NP had 5 yrs to design their treatment facility. Expectations are that a state of the art facility leading industry standards should be developed in half the time span the corporation was originally working toward. The only solution is to extend the boat harbour end date to allow Paper Excellence to effectively implement this new treatment facility/process. The Nova Scotias economy needs Northern Pulp and its economic benefits. Nova Scotia needs industry to stay. Nova Scotia needs to keep trades people working in Nova Scotia! Do the right thing, approve the extension to Boat Harbour. Name:

@hotmail.com Address:

Municipality: Plymouth

Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 64 y: 38

From: @outlook.com  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 2, 2019 12:31:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Greetings, I am a community member who has seen and prospered from the forestry sector and the spin off from the sector in the province of Nova Scotia. Over the years I have seen a change in attitude regarding the forestry sector and the environment. There is no secret we as a province or the industry partners have not always had best practices in place to manage and sustain a health industry while protecting the environment. However we have been evolving as a province, as woodlot owners, as harvesters, as saw mill operator and pulp and paper mills to do better. In 2011 Paper excellence purchased this pulp mill. The previous owner lacked investment, development and interest to make sustainable changes to keep the mill and the environment viably stable for the future. Since the purchase Northern Pulp has invested over 130 million dollars into improvements to protect and improve their environmental footprint in the community. This included changing from bunker c oil to cleaner natural gas and the installation of a new precipitator to improve the air quality in the area. Northern Pulp is prepared to make the investment in a new state of the art effluent treatment facility that is similar to more than 80 other mills of this nature across the country. They have addressed every concern raised in the initial public consultation comments and every question raised to them by the Nova Scotia Environment department. They have answered with facts from experts including scientists and third party experts in the field. We know Nova Scotia now has some of the most stringent environmental laws in the country and Northern Pulp is will to make the investments need to respect these laws. They have a plan to move forward and continue investing in improving their environmental footprint. As the Minister of Environment for the province of Nova Scotia I hope you make your decision based the scientific review of the focus report which highlights there is no adverse effects or significant environmental effects which may be caused by this under taking. The forestry sector, as well as all stakeholders in this province are counting on the approval of this plan in order to survive. This project needs to be approved so this work can get started. Sincerely,

Name:  
@outlook.com Address: Municipality:  
Afton Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 71 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 12:45:53 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Hon. Gordon Wilson Im writing to show my support for Northern Pulp. As someone who has family working in forestry, and who enjoys a variety of recreational activities made possible because of Northern Pulp. - Nova Scotia Needs Forestry. Trees are a renewable resource Northern Pulp grows more than 6,000,000 seedlings every year. Treated wastewater from Northern Pulp has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated wastewater to a different location further out into the Strait. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. - Ocean water quality within 5 meters of the diï¬user will meet Canadian marine guidelines. My Family, friends, and I strongly Approve the Environmental Assessment for Northern Pulp! Name: @hotmail.com Address:

Municipality: Port Hawkesbury Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 70 y: 27

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 1:37:08 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a forestry worker from northern BC, and I wholeheartedly support Northern Pulp and its employees in their efforts to obtain approval for their effluent treatment facility. At our pulp mill, the company has spent a lot of money cleaning up both our effluent and our emissions over the years. We are right on the Nechako River, and have been for over fifty years. The important thing is that the direct jobs, 230 of them, are not the only would be casualty if the treatment facility was denied. Its all of the spin off jobs in the community that would be lost, and associated businesses, which would be disastrous for the Pictou area. Thousands of jobs and many businesses, including restaurants, movie theaters, shopping centers, and the list goes on. Not to mention the hit to government coffers in the loss of income tax on good paying forestry jobs. For the environmentalists and activists fighting climate change, theres good news as well. As it has been mentioned, Canada is a worldwide leader in forest management. Replanting trees and using wood in our construction, leads to increasing carbon capture in our country, aiding in the fight against climate change. It makes forestry a truly green industry in Canada, and a renewable resource that can be well managed and results in many benefits, including economic and environmental ones. I would strongly urge you to approve this project and continue a long-standing Canadian tradition of forestry. Thank you for your time. Name:

@yahoo.com Address:

Municipality: Prince George

Postal-Code:

Fax: ### # - ##### email\_message: Privacy-

Statement: agree x: 70 y: 20

From: @msn.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 2, 2019 9:11:11 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Overtheyears,theres been a change in attitude that good forestry operations have taken with respect to their environmental footprint in the communities where they operate. However, not all companies have proven to be good stewards of the resource or environment. Just look back about 10years, in Atlantic Canada, UPM Miramichi, New Brunswick and Abitibi Bowater, Grand Falls, Newfoundlandand/Labrador. UPM pulled the plug on the Miramichi paper mill after stripping the land of timber,and cutting up the machinery to make sure no one could purchase the mill and put it back into production. This devastated the local economy and has caused the young people to leave the area to pursue futures elsewhere. In Grand Falls Newfoundlandand/Labrador, not only did they lose all the jobs attached to the mill,and spinoff jobs created by the mill, but the government of Newfoundlandand/Labrador had to pay the \$200 million bill to do the environmental clean-up of the site. With no economic output from the mill and all those good-paying jobs, this was an especially difficult expense. Paper Excellence purchased the pulp mill in 2011 and let's be honest, the future was not bright under the old ownership. Lack of RD money, lack of investment and lack of a will to make the operation sustainable was where this site was at a mere 8 years ago. Since the purchase, Northern Pulp have already invested over 130 million into improving their environmental footprint, switching from burning dirty bunker C oil to cleaner natural gas and installing a new precipitator. Money well spent with noticeable improvement to air quality in the community. With respect to the 200 million improvement to the effluent treatment upgrade. 80 plants in Canada have an effluent treatment system. These systems run with strict environmental watchdog systems in place, continuous monitoring of the in and out flow, and stringent testing protocols, which are the norm with any effluent treatment system. This site will be no different than those. Northern pulp has addressed every concern raised in the initial public consultation comments and every question posed to them by Nova Scotia Environment using 3rd party opinions from experts in the field, scientific studies and actual facts, instead of emotion and self interest. This site now has a plan, a plan to move forward and continue to improve the environmental footprint that exists today. As the Minister of Environment for the province of Nova Scotia, it's up to you now to make your decision. And following the scientific review of the focus report, within the limits of the focus report terms of reference,there are no adverse effects or significant environmental effects which may be caused by the undertaking. Approve this plan,and get this project started and keep the forestry sector in Nova Scotia alive. Name: @msn.com

Address: Municipality: Tecumseh Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 59 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 9:51:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The BHTF has been in service for 52 years with no measured effects on marine life beyond the outfall. The new treatment facility will provide better mixing and more stable temperature control providing a smaller environmental footprint. The Replacement Facility if commissioned 2020 before the new pipeline 2021 could flush treated water through the existing pipeline to Boat Harbour adding to the cleaning action of tidal waters after the BHTF is shut down until the remediation is ready to begin late 2021 earliest date. This in turn would shorten the total amount of time required to return Boat Harbour to its natural state. Name: Email:

@gmail.com Address: Municipality: Plymouth Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

65 y: 28

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 9:58:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have been following the Northern Pulp situation closely. I have read the focus report fact sheet and listened to multiple statements from both sides. I feel the proposed plan by Northern Pulp is acceptable and they should be allowed the time to implement it. Name: Email:  
@bellaliant.net Address: ,New Germany Municipality: Lunenburg  
County Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 71 y: 36

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 10:25:59 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@icloud.com Address: \_\_\_\_\_ Municipality: New Maryland Postal-  
Code: \_\_\_\_\_ Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 83 y: 18

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 10:36:16 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia resources for income are deteriorating very rapidly we need to help the remaining ones Name:

@outlook.com Address: Saulnierville  
digby co ns Municipality: Saulnierville Postal-Code: ### Fax:  
### - ##### email\_message: Privacy-Statement: agree x: 49 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 11:23:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please approve this new state of art facility ASAP. From reading and reviewing all pertinent submissions I strongly feel Northern Pulp has done the due diligence in this matter! Name: Email:  
@gmail.com Address: Rexton, N.B. Municipality: Rexton, N.B.  
Postal-Code: Fax: ### ### - #### email\_message: Privacy-  
Statement: agree x: 71 y: 21

**From:** @sasktel.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 11:57:49 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Progress in manufacturing comes these days with more responsibility than 50 or 75 years ago. The advancements made to protect the environment have become a prerequisite rather than an option. With a new treatment facility comes the security of not only jobs but the economy of the surrounding area it is situated in. If we stop progress no matter what business it may be, you will end up with people leaving that community to find jobs in a more prosperous area or province. If we embrace progress like the younger generation, we can create careers related to intelligent technology. Please ensure the viability of this area in Nova Scotia by approving the new treatment facility. Thank you for your attention. Name:

@sasktel.net Address: Municipality: Sturgis Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 74 y: 22

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 12:08:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think the approval should be given to Northern Pulp to build treatment plant. If it isn't there will be a large amount of people out of job in the forestry industry and its suppliers. Name:

@hotmail.ca Address: Municipality: Trenton Postal-Code:

### ### - ##### Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 70 y: 21

**From:** [@sympatico.ca](mailto:@sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 12:15:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Do the right thing by protecting Canadian jobs with this environmentally safe solution. How many more living wage job losses can Canada sustain before we become a third world travesty!!!! Name:

@sympatico.ca Address: Municipality: LaSalle Postal-  
Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-  
Statement: agree x: 63 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 12:16:16 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The lost of this industry would destroy rural nova scotia not to mention the trucking and shipping of this product  
stephen mcneil should strongly consider the extenton of effluent treatment project Name:

@gmail.com Address: Municipality:  
Greenfield Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 61 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 1:20:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The government should look at all the data provided and follow the facts. Name:

@gmail.com Address:

Municipality: Pictou Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree

x: 63 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 1:25:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Commercial fishing is much more detrimental to aquaculture than the proposed pipe is. The environmental assessment proves there will be no adverse affects. Name:

@gmail.com Address: Municipality: Durham Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 65 y: 18

**From:** @mlb.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 1:40:21 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp appears to be trying very hard to do the right thing regarding the environment and the First Nations Community. I am very proud of our forest industry and of the people who work to manage and sustain good forestry practices and protect the environment. Our Maritime forestry economy and any related environmental concerns must/must work together. I believe that the wastewater treatment project should be allowed to proceed to its completion. Name:

@mlb.ca Address: Municipality: Hanwell Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 54 y: 17

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 2:19:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I SUPPORT  
NORTHERN PULP. Name: @ns.sympatico.ca Address:  
Municipality: New Glasgow Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 48 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 2:23:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments:

Advocate Harbour, NS Hon. Gordon Wilson Minister of Environmental  
November 1, 2019 Dear Hon. Gordon Wilson, As someone who works in the forestry sector and have now for 20 years and who also enjoys hunting and fishing, the environment is very important to me. After reviewing Northern Pulp's Environmental Proposal, I see no real reason why the proposal not be accepted. The report states that the ocean water quality, within 5 meters of the proposed diffuser, will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Also, within 5 meters of the diffuser the temperature of the waste water and ocean water will be less than 1 degree in the difference. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Construction will have minor impacts on marine species and habitat they will be localized and generally "reversible", which means habitat and population will re-establish naturally. Based on this information, it is believed this project will have little impact on the Strait and fisheries. Forestry and fishing industries have have worked side by side each other now for 50 years and will continue to co-exist and thrive for another 50 years if this proposal is accepted. Also, I don't think the Province of Nova Scotia can afford to lose the economic impact that would occur if the mill was to close. Northern Pulp employes thousands of hard working Nova Scotians, providing them with the means to provide for their families. It is a vital part of our economy. In addition to all the spin off companies and businesses that depend on Nova Scotians to buy their products, fill up their tanks with oil and gas, buy groceries, etc. they would also suffer if we were to lose, Northern Pulp, such an important part of the forestry industry here in Nova Scotia. Hon. Gordon Wilson, I urge you to approve the environmental assessment and grant the time needed to put the new waste water treatment facility in place. Sincerely,

@hotmail.com Address:

Municipality: Advocate Harbour, NS Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 45 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 2:46:52 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: It's such a great and modern way of treating the effluent Name: @hotmail.com  
Address: Municipality: Stellarton Postal-Code:  
Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 60 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 2:54:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a pulp mill worker with an intimate knowledge of the process and potential environmental impact. This new project is a huge improvement, first and foremost there will be no untreated effluent leaving our property. Secondly, this is the latest and greatest in effluent treatment technology used all over the world with minimal impacts. This new facility just like any effluent treatment facility is not far off from a municipal sewage treatment plant. The science says those are safe to use and discharge into the oceans so why is an effluent treatment facility different? As long as they meet the regulations there will be no problems. The installation of this facility also opens the door for further upgrades that reduce our footprint even more. Please grant this project approval because the science says it is SAFE. Name:

@hotmail.com Address: Trenton NS Municipality: Trenton Postal-  
Code: Fax: ### ### - #### email\_message: Privacy-Statement:  
agree x: 70 y: 23

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:00:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need these jobs. There are so many spin-off jobs it would be very difficult to count them from the forest workers, the transport industry of truckers and seaport workers, to the retail sector where these workers spend their money both for necessities and for the extras. As far as the fishing industry goes, lots of mill workers eat lobster and other seafoods. They wouldnt do so if they thought the water and the seafood was contaminated. I support the mill because I know how much cleaner it is now compared to fifty years ago and that this owner seems quite committed to the people of Pictou County. Name: @hotmail.ca  
Address: ScotsburnB Municipality: Scotsburn Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 64 y: 33

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:01:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and all its workers, their families and all the Forestry jobs in Nova Scotia. Name:

@gmail.com Address:

Municipality: Westville

Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 75 y: 22



**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:18:54 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: If the mill is to close I will probably have to pack up my family and move out of the province to make a living. Itâ? Ts hard to make a go in this province with a young family and without the good paying jobs that the mill supports many young families will have to leave. Taking their tax money with them, putting more of a strain on the province. Name: Email:

@yahoo.ca Address: Municipality: Antigonish Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

66 y: 26

**From:** [@tncweb.ca](mailto:@tncweb.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:26:03 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp  
Name: @tncweb.ca Address: merigomish  
pictou county Municipality: Postal-Code: Phone: ### ### - ##### Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 45 y: 17

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:28:50 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I surport this project  
Name: Email: Address: Municipality: Scotsburn Postal-Code: Phone: ### ###  
- ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 67 y: 20

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:51:23 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp wholeheartedly Name: @outlook.com Email: @outlook.com  
Address: Municipality: Linwood Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 54 y: 32

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 3:59:00 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel it is a very advanced so system Name: @gmail.com Address: Municipality: New Glasgow Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 60 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 4:07:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need forestry in Nova Scotia, it is a dependant industry which many Nova Scotians need. Name:  
Email: @hotmail.com Address: Municipality: Barss Corner  
N.S. Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 55 y: 15

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 4:20:25 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need this effluent treatment facility project at Northern Pulp. If the science is following environmental standards, Northern Pulp should stay open. As a past employee summer student, it has helped me pay for my tuition at University. My works here and it is the primary income for our family. Name: Email: @outlook.com Address: Municipality: Pictou Postal-Code: NS Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 65 y: 32

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 4:31:00 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support this mill and all upgrades it desires to install. Know many people who work/have worked there and they have made great improves so far to their plant. Hate to see how bad our taxes will go up if you close this mill down Name: @hotmail.com Address:  
Municipality: Pictou Postal-Code: Fax: email\_message:  
Privacy-Statement: agree x: 73 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 4:58:52 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp  
Name: @hotmail.com Address: Municipality:  
New Glasgow Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 63 y: 24

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Facility project  
**Date:** November 2, 2019 5:03:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Hon. Mr. Wilson,

The following letter is written to confirm my support for the **approval** of the Environmental Assessment as it pertains to the Northern Pulp paper mill in Pictou County, Nova Scotia. After perusing the Focus Report, it is evident that profound research and diligent investigation has been conducted by environmental experts as well as chemical, mechanical, and constructional engineers. This exhaustive process is impressive.

My family, immediate community and extended regions throughout this province has benefited greatly from the existence of Northern Pulp and its previous owners. Many years of generosity from this mill have been obvious throughout our school systems, sport teams, service clubs, youth programs, special events and the list goes on endlessly. The economic benefits of this mill is multifaceted in most aspects of people's lives in the Maritimes.

The findings of the Focus Report cannot be disputed:- the proposed diffuser will meet Canadian marine guidelines

site -no history of ice scour at the planned

marine habitats and ocean environments - little to nil impact on fisheries and

effluent - no visibility on the water's surface of

Thank you for the opportunity to provide input for your decision making. Please weigh the impact of your conclusion as to how it will affect the citizens of our province.

Regards,

Plymouth,  
Nova Scotia

**From:** @mail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 5:18:47 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I 100 support the Mill and all the employees in Pictou County, we need everyone to work together and make this happen. Save the Mill and itâ?Ts people ðY' ðY' ðY' ðY' ðY' ðY' Name:

@mail.com Address: Lyons Brook ,  
Pictou Co., NS Municipality: Pictou Postal-Code: Phone: ### ### - ##### Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 69 y: 18

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 5:43:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel Northern Pulp is a big player in the local economy and if the science proves what it has to the IA should be approved and an extension should be granted. If NP has to close there will be a large impact on not only the county but on the province. Name: @gmail.com  
Address: Municipality: Stellarton Postal-Code: Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 54 y: 18

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 5:52:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in support of the new effluent treatment project at Northern Pulp. There does not appear to be any science to support adverse effects but we are certainly aware of the economic impacts should it not be approved. Name: @outlook.com Address:  
Municipality: Stellarton Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 54 y: 14

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 6:17:37 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: A major concern I have is the decline in rural population and the struggle rural communities have trying to survive. As a person who derives a large portion of my income from a natural resource based industry, farming, I have experienced firsthand the negative effects the industry has faced because of decisions made by governing bodies without considering all of the ramifications of these decisions. I believe that some of these decisions were made, without credible evidence, to appease a small portion of the population that had no stake in the industry and had limited knowledge of it. Over time these decisions have lead to a major number of industry participants leaving the industry. Decisions made that directly involve any of our natural resource industries will determine if this negative trend continues or not. Like it not, the pulp industry plays a key part in the forest industry and I believe if a sudden reduction of this major component were to happen, the current rural population decline trend would not only continue but would do so at an accelerated rate. The rural economy can not afford to be dealt a major disruption with any positive outcome at this time. I firmly believe that technology has advanced tremendously in the last half century and we should take advantage of these advancements to improve our position in rural Nova Scotia. I truly hope that the final decision on allowing this project to proceed or not will be made on sound and reliable facts and proven scientific knowledge only. Name: @eastlink.ca Address:

Municipality: Lyons Brook, NS Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 47 y: 28

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 6:26:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp. As I see it, this will be an improvement on the already excellent working effluent treatment facility at boat harbour. This upgrade combined with process upgrades that will be added in conjunction with the new facility should be embraced with open arms. A big step forward

Name: @hotmail.com Address:  
Municipality: Meiklefield Postal-Code: Fax: ### ## - ####  
email\_message: Privacy-Statement: agree x: 65 y: 29

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 7:02:44 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp has made a lot of commitments to improve and go beyond current environmental standards to ensure that they are producing a product that is used by all people is done in a manor that ensures minimal environmental impact. There has been many scientific facts and analyses presented that show that treated effluent can be released in waters and will have no ill effect on the water and marine life of the surrounding area. We continue to allow individuals, towns, cities etc. to dump raw sewage , plastics , garbage into the waters which we know is causing major effects on the environment but do little to stop this but when an industry has made a commitment to do their best based on studies and scientific facts its brought into question whether they should be allowed to remain a company that provides a product for consumers use as well the jobs directly and indirectly which would be effected. So yes they should be granted the opportunity to complete the upgrade. Name: @hotmail.com

Address: Municipality: New Germany Postal-Code: Phone: ###  
### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 48 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 7:17:55 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Save those jobs! There are so few jobs as it is. People need to stand and fight for new jobs and to keep those we have. Northern Pulp must find ways to satisfy those fighting for the environment. Of course the environment we live in is important but there must be a way to make the industry work on both ends. Name: @gmail.com Address:

Egmont NS Municipality: Postal-Code: Phone: Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 74 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 7:20:35 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support Northern Pulp and whatever needs to be done to keep the facility open. Name:

@hotmail.com Address:

Municipality: New Glasgow

Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 46 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 7:24:03 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp, its workers and its industry. Northern Pulp if lost would have a devastating impact on not only the local economy but as well as the provincial economy. Northern Pulp has my absolute full support! Name: @hotmail.com Address:  
Municipality: New Glasgow Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 45 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 7:51:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need this for nova scotia and its a great project for the environment Name: Email:  
@hotmail.com Address: Municipality: Greenwood.nova scotia Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 90 y: 33

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 2, 2019 7:53:37 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Hon. Gordon Wilson  
Minister of Environment Nova Scotia Environment PO Box 442 Halifax, NS B3J 2P8  
November 2, 2019. Dear Minister Wilson, I am writing a submission today as a concerned  
Nova Scotian. It is absolutely essential that Northern Pulp Nova Scotia's environmental  
assessment and application for a new effluent treatment facility be approved. As the focus  
report clearly shows, the new facility will be constructed using sound scientific modelling.  
The effluent that will flow from the new facility will be significantly cleaner than the current  
effluent, which has flowed into the Northumberland Strait for over 50 years without any  
negative impact of the lobster industry. Study as shown that the outfall location is an area with  
significant currents so that effluent will mix with surrounding water and be diluted more than  
100 times within 2 meters of the outfall, and the change in temperature in the surrounding  
water will be less than 1°F. Effluent from the new treatment facility will meet current  
regulations in all Canadian provinces, as well as the more stringent limits that are proposed  
federally for pulp and paper effluent. Additional safe-guards proposed are using a thicker than  
required pipe, and establishing an automated leak detection system which will be installed in  
the Pictou watershed area. It should be noted that the pipe location is downhill from any wells  
in the Pictou watershed, so gravity will insure that any spill or leak would flow away from the  
town's water supply. Northern Pulp is absolutely economically critical to Nova Scotia.  
There is not a person in this province who will not be impacted by the loss of Northern Pulp.  
Of course, the forestry industry will be decimated, but beyond that the trucking industry and  
the Port of Halifax will feel immediate impacts. Beyond this, everyone who is trying to sell  
anything or provide a service in Nova Scotia will feel an impact with far less money available  
for people to spend. Rural Nova Scotia will feel the brunt of this loss. More rural schools will  
face declining enrollment, and communities across this province will shrink and no longer be  
self-supporting. Nova Scotia, without a functioning forest industry, will have almost no  
primary industry, and economies are built on primary industry. This large scale project, in  
addition to the millions already invested by Northern Pulp in the new precipitator and other  
environmental improvements, show that this company is committed to Nova Scotians and  
Nova Scotia's environment. As a mother, a professional, a taxpayer, and a Nova Scotia  
property-owner, I want my future and my children's future to be in Nova Scotia. I hope that  
you will see the good-sense, the science, and the economics of keeping Northern Pulp in Nova  
Scotia, and as such, approve their application for a replacement effluent treatment facility.

Sincerely,

@gmail.com

Address: Municipality: New Glasgow Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 78 y: 24

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 7:59:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Myself and my family support Northern Pulp and their workers!!! Name: @hotmail.ca

Address: Scotsburn Municipality: Pictou County Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 64 y: 19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:01:47 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and their workers!! Name: @gmail.com Address: Scotsburn  
Municipality: Pictou County Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 67 y: 14

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:04:04 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern  
Pulp!! Name: @gmail.com Address: Scotsburn Municipality: Pictou  
County Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 67 y: 22

From: @ .com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 2, 2019 8:10:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Honourable Gordon Wilson Minister of Environment Nova Scotia Environment PO Box 442 Halifax, NS B3J 2P8  
Dear Minister Wilson: I wish to go on record in support of the proposed effluent treatment facility Northern Pulp plans to construct depending on the approval of the environmental assessment. I live in Cumberland County where our economy depends largely on natural resources. own a commercial woodlot where we use sustainable harvesting methods. We provide employment as well as use the services of other small businesses in the community. However, only a small percentage of our harvested wood is used locally. Much of it has to be transported to sawmills outside of Cumberland County. In order for us to gain any financial benefit from this export, all of the wood must be utilized. The sawmills make the lumber and send the residual to Northern Pulp for the production of craft pulp. Without the market provided us by NP, our commercial woodlot would not be viable, and we would have to liquidate. This would have a negative impact not only on us, but also on our local economy. The proposed waste water treatment facility will meet all standards. The difference in water temperature within two metres of the diffuser will be less than 1C. Maintenance along the effluent pipe corridor will be consistent with standard procedures used by the Canadian Pipeline Industry with modifications made for the Nova Scotia regulatory environment. I believe the request for the extension is more than reasonable. Northern Pulp hit many roadblocks in their attempt to have the environmental assessment and construction of the facility completed by the January 2020 deadline. The Focus Report is very complete and seems to have the concern for the environment at the forefront. I believe it is in the best interest of the entire province of Nova Scotia that the Environmental Assessment be approved.  
Yours truly, @ .com  
Address: Municipality: Spencers Island Postal-Code: Phone:  
### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 45 y: 22

From: @gmail.com  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 2, 2019 8:14:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The Honorable Gordon Wilson Environmental Assessment Branch Nova Scotia Environment P.O. Box 442 Halifax, NS, B3J 2P8 Dear Minister Gordon Wilson, The purpose of this correspondence is to ensure that the "Replacement Effluent Treatment Facility ETF Project", submitted by Northern Pulp Nova Scotia Corporation NPNS, is rejected. The opportunity exists to clean Boat Harbour, the same opportunity will not if this environmental disaster is repeated in the Northumberland Strait. During the past 30 days, I have attempted to read through the focus report submitted by NPNS 30 days is clearly not long enough to comprehend and digest almost 4,000 pages of technical literature. I did however notice a trend of assumption. For example, in the Marine Environment Impact Assessment NPNS states that - "Although significant residual effects to American Lobster are UN-LIKELY, the level of public interest, socio-economic and Indigenous importance warrants the inclusion to follow-up monitoring specific to American Lobster to confirm the performance of mitigative design and therefore lack of a significant residual effect to the resource" page 4.19. Hanging our hat on an UN-LIKELY assumption that there won't be adverse effects on the most valuable resource in Nova Scotia seems incredibly naïve. An effluent contaminated lobster from Caribou is a Maritime seafood industry disaster to the global market. - "Rock Crab represents one of the most important species harvested in the Local Assessment Area LAA by commercial and Indigenous fisheries. Rock Crab is fished within Caribou Harbour along a majority of the proposed pipeline corridor, though not typically at greater depths of 10m or in the vicinity of the diffuser location. Therefore, interaction with adult Rock Crab within the vicinity of the diffuser are expected to be MINIMAL" page 4.20. As a self-employed fisher holding Rock Crab license #045527, I can confirm that Rock Crab are consistently harvested at depths greater than 10m and found all throughout the diffuser location. NPNS's assumption or statement is false and misleading. It is my belief that it is your mandate to protect the environment from unreasonable human activity, and to protect humans from unacceptable environmental risk. With that in mind, I am asking you to please ensure that Northern Pulp's "Replacement Effluent Treatment Facility ETF Project" is rejected. Sincerely,

Self Employed Fisher

gmail.com Address:

Municipality: Lyons Brook Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 68 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:18:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the northern  
pulp replacement effluent treatment facility project Name: Email:  
@gmail.com Address: Municipality: Antigonish Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 68 y: 30

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:18:50 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and their employees!! Name: @icloud.com Address:  
Scotsburn Municipality: Pictou County Postal-Code: Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 67 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:29:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp.  
Name: @gmail.com Address: Municipality: Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 78 y:  
23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:30:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We support the mill. We need to keep it open for the jobs. We support the proposed plan in the focus report. Name: hotmail.com Address:

Municipality: Salt springs Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 80 y: 21

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:44:19 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have reviewed the Focus Report on the proposed treatment facility and outfall from the Northern Pulp Abercrombie Kraft Pulp Mill and I feel that the science is up to date and that the new facility will indeed operate to the standards require in the pending Provincial permit. I also believe that there will be little impact on the fishery or water quality of the Strait. I believe that the fifty year history of the Boat Harbour Treatment Facility would show that the commitment by the various companies operating the Abercrombie Mill was always progressive and community minded. I also believe that the proposed on-site treatment facility is another such commitment to the communities and other stakeholders by the owners of the Abercrombie Mill. This mill and the forestry operations - forest nursery and tree planting - silviculture operations - support of private sawmills - purchase wood from small producers - etc. has always been a great financial benefit to rural Nova Scotia and I believe the proposed upgrade will continue in that support. Name: Email:

@ns.sympatico.ca Address:

: Debert Postal-

Code: Phone: Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 55 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 8:56:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support the new effluent treatment facility at Northern Pulp. I am a woodlot owner and have supported my family by working in the forest industry for the past 50 years. Northern Pulp is absolutely crucial to our forest industry. Fishery and forestry can co-exist. Please extend the boat harbour act to allow Paper Excellence to complete this project. Email:

@hotmail.com Address: Municipality: Dartmouth  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 70 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 9:05:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the effluent treatment plan and extending the boat harbour act to allow The mill to complete this project. It is vital to our forest industry and our province. Name: Email:

@gmail.com Address: Municipality: Dartmouth  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 83 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 9:10:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp deserves the opportunity to end this negative legacy associated with the pulp mill from years past. Give them the chance to help us move forward together, for our future. I for one truly believe we can coexist well within the environmental guidelines, and that both the forestry sector and the fishing industry will continue to prosper. Nova Scotia can't stand to lose the forestry sector.

Name: @gmail.com Address: Municipality: Amherst

Postal-Code: Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 79 y: 25

From: @shaw.ca  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 2, 2019 9:26:14 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have actually read all of the submissions on the NS environment Website. There is no doubt that all human endeavours have an impact on our environment. Human beings, and all mammals, for example take in air and remove the oxygen from it thus increasing the percentage of CO2 in the atmosphere. Every industry has an effect on the environment. We cannot shut down an industry simply because there are perceived negative effects on the environment. Agriculture and yes fishing and all food production has some negative effect, in someones view, on their environment. What we need to strive for is improvement not an unattainable perfection. From what I have seen this old mill is vastly improved from where it was when this company took over. I remember just 3-4 short years ago driving from Truro to New Glasgow and coming over Mt. Thom and seeing the plume from the pulp mill stretching from the mill to my left to as far as I could see to the right. That is now a thing of the past. The only visible plume from the stack now does not appear to extend beyond the pulp mill property. It will be noticed that on colder days the plume will be marginally longer. This is the nature of steam condensing. Steam is water in another form i.e. non toxic to organisms. So one major issue dealt with very effectively at a cost of I believe some 37 million dollars. That is equivalent to over a months production at this mill, not a months profit but simply the gross value of the finished product. I would love to see this mill running with a zero or even positive effect on the environment. I would also like to give my granddaughter a unicorn for her birthday. Lets face reality the current effluent system needs to be modernized to improve how it impacts the environment. See above re improvement vs perfection I am shocked that the government broke a contract by legislating new terms unilaterally. Legal and correct and just are not interchangeable terms. Negotiations on a change to the contract should have been done in an honest, honourable, and legitimate manner. Boat Harbour Act S, 4 2 The enactment of this Act is deemed not to be a repudiation or anticipatory repudiation by Her Majesty in right of the Province of the lease agreement dated December 31, 1995, between Her Majesty in right of the Province and Scott Maritimes Limited, as extended by a lease extension agreement dated October 22, 2002, between Her Majesty in right of the Province and Kimberly-Clark Inc. Essentially what this section says is This is not a brown bear, it is a bear which is brown. I call on the Pictou Landing First Nation to work at correcting this injustice. All of the First Nations peoples of Canada and indeed all of the Americas have endured a too long history of broken promises. Given this history, I do not believe that any First Nation should support a situation where what was, and in fact is still being done in many ways to their Nations and peoples is done to any other party. Too many people look at changing the way things are done as a process much like turning on a light. I have been a small part of many large projects and one thing I have learned is that there are essentially two ways of doing projects. 1. Do it fast and hope for luck or 2. Take a reasonable time and do it right. I commend Northern Pulp and all of the associated contractors for following #2 despite the knowledge that they risked a total mill shutdown. This matter could have been negotiated properly in 2015 rather than hastily enacted legislation 18 days to be exact. A midpoint of the contract and the legislation would have been, if my math on dates is still working, 31 July, 2022. I strongly suggest that the Province of Nova Scotia

negotiate a repeal of the Boat Harbour Act and negotiate a reasonable amendment to the contract entered into freely. I understand the frustrations of the Pictou Landing First Nation. They just want to look forward to a future without this blight on their lands. That being said I sound to them a warning. A severely economically depressed Pictou County does not serve their long term interests. Secondly, by supporting the government on the Boat Harbour Act they have put in jeopardy any and all agreements they may have now or in the future with the Province of Nova Scotia and possibly even any agreements with the Federal Government. To paraphrase a famous saying First they came for Northern Pulp but I was not Northern Pulp so I did nothing, then... When we allow our governments to rip up legal contracts in 18 days with a single page document which contains phrase which is an oxymoron our entire society is at risk. If we allow this to stand no one is in any position to plan for the future of either ourselves or our children or our childrens children. In summary the Boat Harbour Act is a farce of epic proportions. This effluent treatment plant will be a vast improvement over the current status quo. Again see above re: improvement vs perfection. It meets or exceeds the requirements in all but the virtually unattainable. I hereby request that the Pictou Landing First Nation become seriously involved in a reasonable resolution of the current untenable situation. Lest you be next and a precedent of dishonoured contracts is used by this or some future government to the long term detriment to your Nation. The planning has been essentially complete, there is no way that this improvement can be implemented in the next 3 months. We are at a stage where reasonable negotiation involving The Corporation, the Government, and the First Nation and the subsequent repeal of the Boat Harbour Act will lead to a win/win and a return to the rule of the Law of Equity. I would be happy to assist in any way to assist in an equitable resolution. Respectfully submitted Harold Hal James Legere 2nd Class Power Engineer and proud Nova Scotian Do not remove my name from this submission Name: Harold Hal James Legere  
Email: @shaw.ca Address: Currently in transition Municipality: in Transition Postal-  
Code: in transition Phone: Fax: ### ### - #### email\_message: Privacy-  
Statement: agree x: 62 y: 25

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 9:27:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the effluent treatment plant. The short sightedness of our elected officials, couple with the control we have given to First Nations is crippling our economy. I would much rather leave my grandchildren a well run effluent treatment plant than a ghost community. Visit Dalhousie, NB.... see first hand the effects of Mill Closures. I could understand if the environment was to be continually abused, but with a plan of action, backed by science, we ALL lose. Name:

@icloud.com Address:

Municipality: New

Glasgow Postal-Code:

Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 74 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 9:46:35 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp  
!! My Father is retired now but had worked there 30 years before retirement ... Name:

@gmail.com Address:

Municipality: Westville Postal-Code:

Fax: ### ## - #####

email\_message: Privacy-Statement: agree x: 56 y: 25

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Focus report Northern Pulp ETF proposal  
**Date:** November 2, 2019 10:41:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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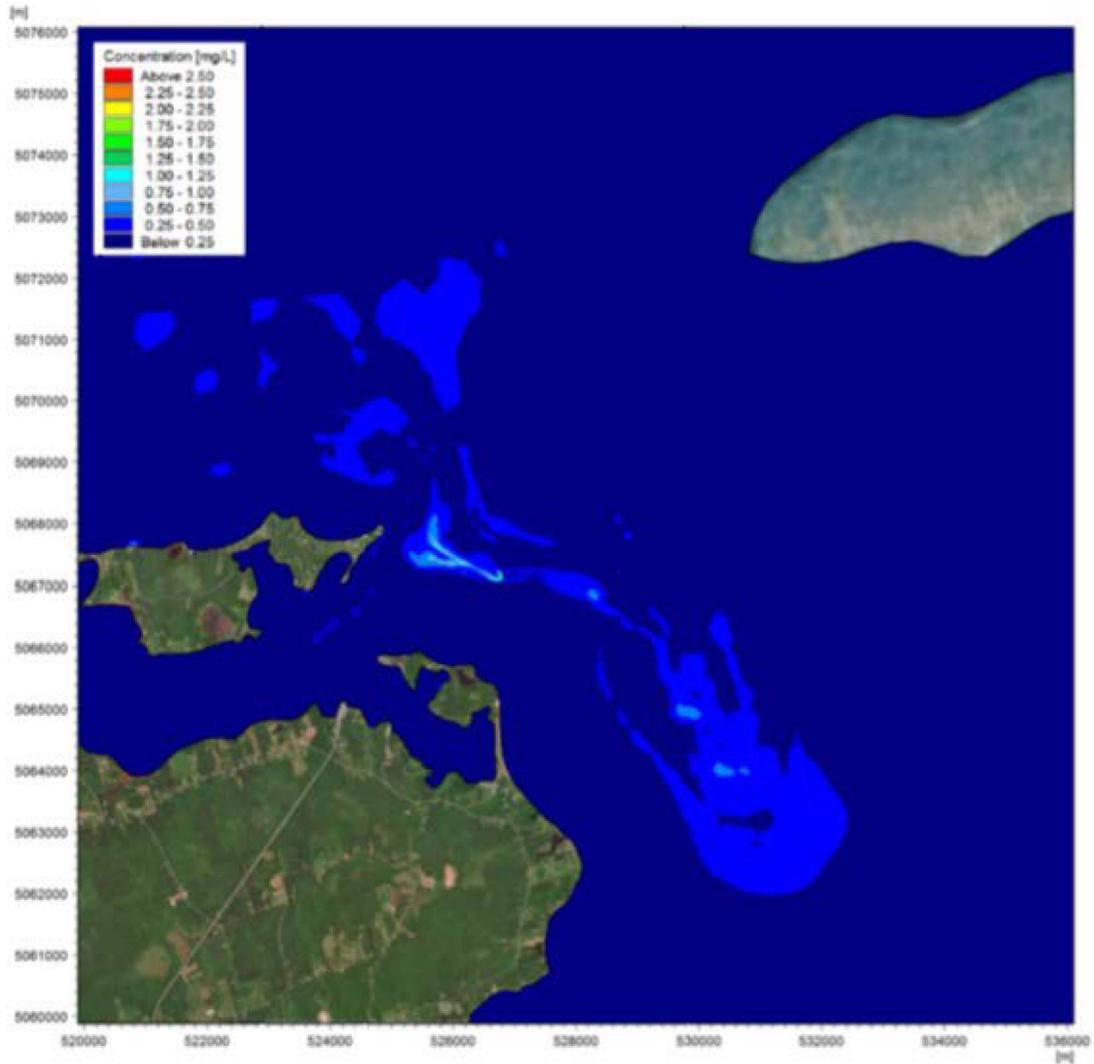
Nova Scotia Department of Environment,

I am writing in relation to the focus report on Northern Pulp's proposed Replacement Effluent Treatment Facility Project. I am a resident of Central Caribou where the pipe will be constructed, I own a cottage on the Northumberland Strait near the outfall and we are a commercial fishing family. Concerns in my original submission about pulp effluent and TSS in the water and on beaches, public engagement and effluent meeting regulations but still causing harm have not been answered or mitigated by this focus report.

In relation to my concerns that the effluent will enter Caribou Harbour the focus report Appendix 4.2 Receiving Water Study Caribou Harbour Figure 38 and Figure 45 show where the effluent is predicted to be during the month of May and February. Why are they only putting modeling calculations in for one month periods? Why don't they put it in for 20 year period, I would like to see what that would look like if in one month it looks like this. What would the accumulated effects be in Caribou Harbour and on the beaches.

**NORTHERN PULP EFFLUENT TREATMENT FACILITY REPLACEMENT PROJECT: UPDATED RECEIVING WATER STUDY, CARIBOU, NOVA SCOTIA**

**FAR-FIELD MODELLING**  
September 27, 2019

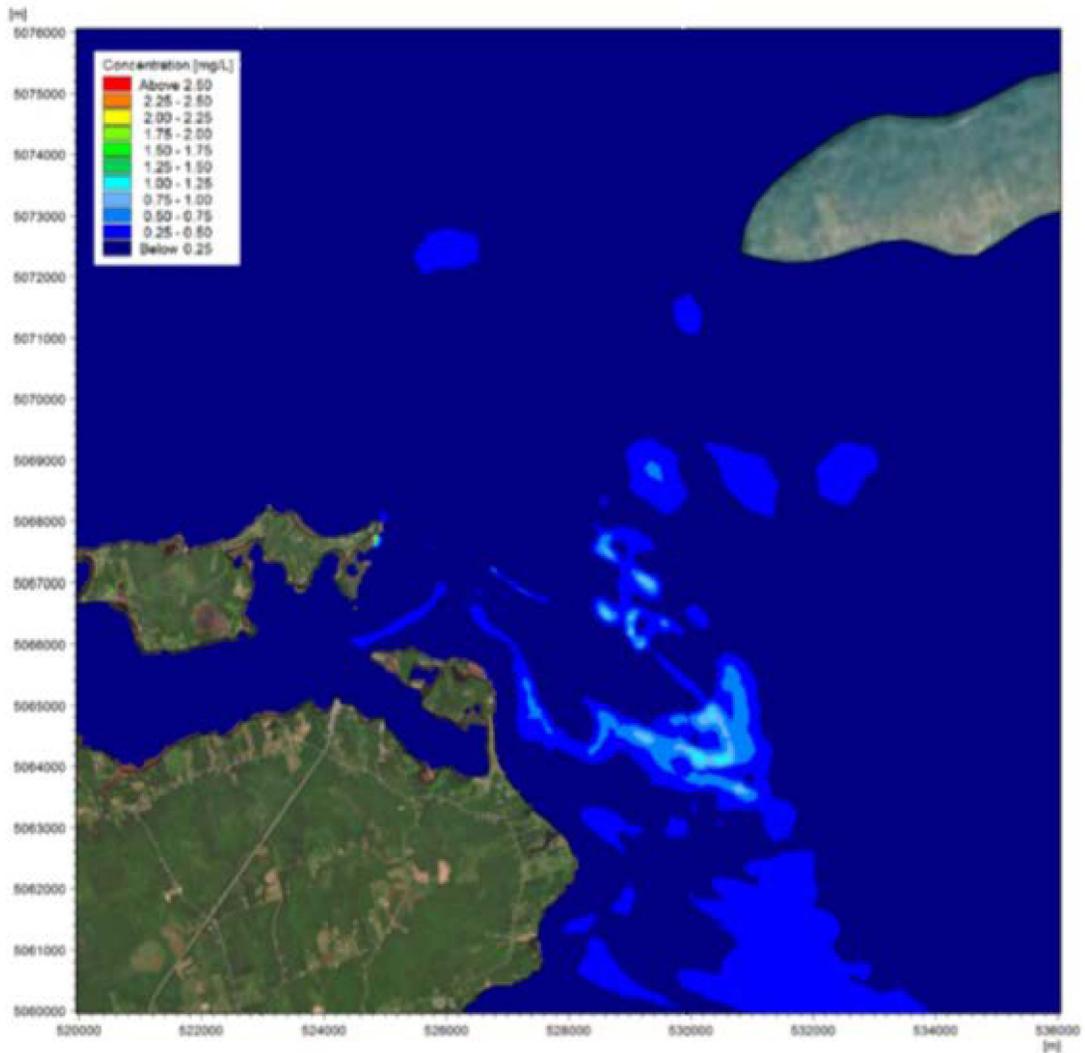


**Figure 38** Simulated Effluent Concentration by End of One-month Simulation Period in July (concentration in effluent arbitrarily set at 100 mg/L and assuming no particle degradation over the simulation period; lower concentration of 2.5 mg/L for the upper bound in the figure legend is used)



**NORTHERN PULP EFFLUENT TREATMENT FACILITY REPLACEMENT PROJECT: UPDATED RECEIVING WATER STUDY, CARIBOU, NOVA SCOTIA**

**FAR-FIELD MODELLING**  
September 27, 2019



**Figure 45** Simulated Effluent Concentration by End of One-month Simulation Period in February (concentration in effluent arbitrarily set at 100 mg/L and assuming no particle degradation over the simulation period; lower concentration of 2.5 mg/L for the upper bound in the figure legend is used)



As I stated in my original letter, I attended all the open houses. There have never been anymore information sessions or public engagements or response to questions since changing the route to

Caribou Harbour and no studies or reports were made public as required in the Terms of Reference 1.1 and 1.2.

My initial concerns about dredging have not been mitigated; furthermore, it is not in accordance with Fisheries Act 36(1)(a)

## **36 (1) No one shall**

**(a) throw overboard ballast, coal ashes, stones or other prejudicial or deleterious substances in any river, harbour or roadstead, or in any water where fishing is carried on;**

In relation my point that the quality of effluent leaving the pipe (same as point C) vs BHETF will be worse, there is no mitigation measures for replacing Boat Harbour lagoon. The new system is still only replacing the settling basins and aeration basins. This is what is coming out at point C, this is meeting regulations. This will still cause harm to fish and fish habitat, even with the Boat Harbour lagoon cooling and removing most of the TSS they are still causing harm to fish and fish habitat as stated by PPER in PEI Legislative Assembly. In the focus report levels are predicted to be higher than point C as shown in table 2.4-3: Effluent Loading Act

It is noted that actual operating parameters in the new replacement ETF are expected to be below the maximum performance run values from Veolia.

Table 2.4-3: Effluent Loadings Comparison

	2018 Point C Treated Effluent Loading (kg/day) <sup>1</sup>	Veolia Expected Loading (kg/day) <sup>2</sup>	RWS Loading (kg/day)
BOD	1,526	≤ 1,875	4,080
TSS	1,717	≤ 1,875	4,080
COD	39,521	≤ 37,500	61,625
AOX	87	≤ 225	663
Nitrogen	299	≤ 450	510
Phosphorus	95	95	128

Notes:

1. Based on annual average production rate of 777 ADt/d.
2. Based on Reference Production Rate (RPR) of 938.5 ADt/d.

Minister, the Focus Report was supposed provided additional information so that your office could make an educated decision on this project. Northern Pulp has not mitigated concerns or met the requirements of the terms of reference and for this reason I ask that you reject the proposal, if you feel you can not reject it than I ask that you require a full Environmental Assessment Report.

Respectfully,

Central Caribou, Nova Scotia

Original submission:

**4 Mar 2019**

**Nova Scotia Department of Environment,**

**I am writing in regards to Northern Pulp's new effluent treatment facility and 15.5 km pipe proposed to discharge up to 85 million litres of treated effluent and four tonnes of suspended solids daily into the Northumberland Strait. I am a resident of Central Caribou, where this pipe is proposed to run through, I have walked the coast of Caribou Harbour almost daily with my children for 12 years. I have several concerns about effluent and suspended solids where my children, dog and I swim. What will happen to the clam and oyster beds that live in the mud of Caribou Harbour, Northern Pulp's open house information is not matching what is in the EA, the treated effluent leaving the aeration basins of Boat Harbour is meeting Pulp and Paper Effluent Regulations and causing harm but nothing can be done to remediate this other than some recommendations.**

Caribou Harbour is not a large body of water, the tide will bring effluent and suspended solids into the harbour. The EA and receiving water study state that the effluent will not come into Caribou Harbour, I fail to see how this is possible as the end of the pipe is right outside the mouth. Figure [8.12-1](#) page 363 of the EA is a still photo of the bottom of Caribou Harbour and states that it is devoid of microflora and microfauna. I can tell you that it is most certainly not void of life; perhaps, because one still shot of a sand bar cannot show the huge oyster and clam beds present in Caribou Harbour, we have to wear swim shoes in the water there are so many you cannot walk without them. Oysters and clams are filter feeders and will be the first affected by this pipe. The mitigation measures for socio-economic issues is to take our concerns to the NSE Dept in Granton and Northern Pulp Community Liaison Committee will continue to facilitate two-way communication and advise to Northern Pulp. It is well known that the Community Liaison Committee meets in secret and the membership is hidden from the public. It also states that a communications and compensation plan will be available for the commercial fishermen, this is the first mention that there will be any effect of the effluent 2-5 meters past the outfall. If there needs to be a compensation package due to regular operation of the ETF how can the significance of the residual effects be: not significant or averse as stated in Table [8.14-2](#) pages 444-445.

I attended all of Northern Pulps open houses, these were held for the Pictou Harbour outfall, they did not have any information sessions on the Caribou outfall. The information I received stated that there would be one tonne of suspended solids being pumped out daily, after reading the EA and calculating 48 mg/L by 85 million litres that would mean there are 4 tonnes of suspended solids daily going through the pipe. The ferry channel already needs to be dredged due to sand build up in the channel, how often would it need to be dredged if four tonnes of solids would be pumped into it daily, also I have not seen anywhere in the EA how routine dredging would affect the pipe. At the information open houses they had pictures of treated effluent from 1970, 1990, 2017 and finally a predicted photo of 2020. The last picture showed that the effluent was clear and this is how it would look in the new system (History Effluent Quality picture Open House Panel 14, link below). This is not how it will look coming out of the pipe. There are pictures and video of what the effluent looks like leaving Boat Harbour now it is dark brown, however that is better than what it will look like coming out of the pipe because the new system does not replace the Boat Harbour Lagoon. It is only replacing the settling basins and aeration basins, what the water will look like leaving the pipe is what the water looks like now leaving the aeration basins. This is meeting regulations, and will continue to meet regulations in the new system. That does not mean it will not cause harm to fish, shellfish, marine plants, marine animals, birds as well as their habitat.

When Environment and Climate Change Canada Pulp and Paper Effluent Regulations (PPER) came to meet with the PEI Legislative assembly Feb 1st, 2019 (see link below for transcripts) they stated that Northern Pulp is one of the 70% of pulp mills that are causing harm even though they are meeting regulations. The Environmental Effects Monitoring (EEM) shows they are harming fish habitat while meeting regulations. The only corrective action taken after harmful effects are found by the effluent is Pulp and Paper regulators make recommendations for them to implement for the next three years, whether or not these changes are made or work isn't checked until the next three year period of the EEM,

**and if they are still harming fish habitat there would just be more recommendations to them. So just like when Pictou Landing First Nation told Environment Canada that the mill was killing all the fish 50 years ago, there is still nothing living in Boat Harbour and the mill is meeting regulations. Would the same not happen to the Northumberland Strait? Everyone could complain that there is nothing living around Caribou but the mill is meeting regulations so the only thing that can be done is recommend changes every three years.**

**The Strait is a unique ecosystem that must be protected. We are known for our swimmable beautiful beaches, our pristine waters that produce a sustainable seafood industry renowned around the world. If this is approved there will be no turning back, the Pulp and Paper regulations do not protect us or the Strait, if this decision is based on whether or not the EA can pass PPER then the Strait will become the next Boat Harbour, because it is the same regulations that they are passing now. Northern Pulp has made no effort to meet with the communities of Pictou and Central Caribou before and after the pipe location changed and the information that was provided by the meetings in New Glasgow are not even close to the information that is now in the EA. For these reasons I ask you Minister to reject this proposal.**

**Thank you**

**Central Caribou, Nova Scotia**

**[http://www.assembly.pe.ca/sittings/2018fall/transcripts/17\\_2019-01-02-transcript.pdf](http://www.assembly.pe.ca/sittings/2018fall/transcripts/17_2019-01-02-transcript.pdf)**

**<http://www.paperexcellence.com/copy-of-faq>**

**click on tab for project launch open house materials if link below does not work**

**<https://drive.google.com/file/d/14OWv3oA8C1E1ys4hxFCBCq4IcRkpkJq5/view>**

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 10:51:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp  
Name: @hotmail.com Address: new Glasgow  
Municipality: New Glasgow Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 93 y: 26

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 11:22:09 PM

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Project: - Choose - Comments: I would certainly support this otherwise it will not look good for the lumber business ,especially the Maritime provinces and Canada let's wor together

Name: @icloud.com Address:

Municipality: Petitcodiac nb Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 92 y: 35

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 2, 2019 11:23:55 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This whole process makes me sick to my stomach. Northern Pulps air emissions, pipeline leaks not regulated read held accountable by the province, pumping effluent into the Strait, lack of accountability with their Industrial Approval, full and unfettered license to clear-cut, piping effluent over Pictous water shed or other watercourses is criminal and should be treated as such. I have huge concern for human health, concern for species at risk, concern for marine life, concern for other industries - fishing or tourism. This behavior on the part of the province as the regulator is criminal, derelict, incompetent, biased and clearly paid for by the mill. This must stop!!! Politicians who support the continued Northern Pulp existence should be held accountable for their dereliction of duty because they are a representative of all people, not just the mill.

Name: @hotmail.com Address:  
Municipality: Dartmouth Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 49 y: 29

From: @hotmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 2, 2019 11:36:23 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: November 2, 2019 To whom it may concern My name is [redacted] and I'm a Tugboat operator at a small pulp mill on the west coast of British Columbia. There is roughly 400 plus people working here supporting their family's with an additional 1000 plus spin off jobs in our community. I started working here in 1979 and have seen a lot of changes in the forest industry and in particular at my work site. One indisputable fact that is as true today as it was a hundred years ago is that the Forest industry built this country and the thousands of small communities across Canada and I mean that in a most literal sense. Pulp and Paper mills such as mine at Howe Sound on the West Coast and Northern Pulp on the East Coast are a vital and integral part of the Forest industry, the Forest industry contributes more Jobs and GDP to Canada's economy than the Mining, Auto, Oil and Gas industry's combined. One doesn't need to be an economist to understand the devastating impact right across this country that losing a vital multi billion dollar industry like Forestry would have on working families, the communities they live in that their children go to school in. When the News Print machine at our site was shut down in 2015 I saw firsthand the look on people's faces when they were told they were losing their jobs, the loss of hope, the loss of words to say to explain to their families they have lost their jobs, and I never want to go through that again. In the 1980s there was a large and very vocal group lead by the environmentalist and singer Terry Jacks that were bound and determined to shut down my pulp mill at all costs. They demanded the mill permanently close and stop polluting the waters of Howe sound with dioxins and they had the support of many in the community at the time. I still remember standing on the dock looking at all those sail boats that had come to protest at the mill yelling and screaming "shut-er down" and thinking why won't they just let the Company try and fix the problem before destroying our livelihood. I look back at those times and wonder how I would have provided for my Family and raised my two children in their community if the Government of the day had capitulated to those demands over the cries of us who wanted and needed to keep those very good jobs. What happened and what I respectfully ask to happen with Northern Pulp is the Government gave the Employer a reasonable time frame to invest the millions of dollars to install clarifiers and water treatment facilities in order to treat the effluent before it was discharged into the sound. Construction started in 1989 and lasted a few years but what struck me the most is how fast the sound recovered from the dumping of raw untreated effluent since the mill opened in 1908. I remember as a child myself fishing with my brother in-law near the mill it was like driving through Coca-Cola with 4 inches of foam on top as far as the eye could see. Today the sound is clean and clear with a thriving commercial prawning industry taking place right out front of the mill, no foam, and no brown water. All of the mills effluent is treated and cooled before being released and is proof positive that when Government, Industry and other stake holders work together to support good paying jobs and the environment, everyone wins. I know it takes courage to stand up for good paying jobs sometimes when the popular thing is to side with those many very loud voices telling you to just shut the mill down, but I can tell you with 100 certainty that given the right leadership from Government, the Industry and the workers will not let you down, so please don't let them down. Sincerely [redacted] Name:

@hotmail.com Address: Municipality: sechelt Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

50 y: 21

**From:** [Minister, Env](#)  
**To:**  
**Subject:** FW: You MUST SAY NO to Northern Pulp  
**Date:** November 4, 2019 8:30:44 AM

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## Public Comments

-----Original Message-----

From:  
Sent: November 2, 2019 4:25 PM  
To: Minister, Env <Minister.Environment@novascotia.ca>  
Subject: You MUST SAY NO to Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

A cleaner environment is our hero's' journey: Nova Scotia can and must step up now. Future generations are depending on us. Let us show planetary leadership!

Sincerely,

Sent from my iPhone

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**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp  
**Date:** November 3, 2019 12:31:51 AM

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If they can't tell us exactly what they are going to be pumping into the Strait, there is no way they should be allowed to pump it into the Strait. Our we environment, our childrens environment, our grand childrens environment should not be sacrificed to line the pockets of foreign corporations. NPs plan shows they are clueless about the marine environment.

A very concerned citizen

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**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** re. Northern Pulp's submission  
**Date:** November 3, 2019 1:22:33 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Hi,

I grew up in Pictou, and even though I don't live there now, I visit and stay there quite frequently.

My favourite beach is in Waterside in Caribou. Knowing that Caribou is where the proposed effluent outfall would go, and it's proximity to Waterside, I am certain that it will have an impact on the ability to swim or even walk in the water there. I have seen this company fail stack tests time after time, operate at a higher output late at night when they hope that no one is looking, and continue to have major/minor leaks that are devastatingly harmful to the environment, especially to Pictou Landing First Nation. I know that the proposed pipe is also along a route that passes through the Pictou watershed, and knowing the company's history of leaks, it would affect the potability of the water of the town of Pictou, probably permanently.

I ask that you not accept this proposal for the sake of the town and its residents, for PLFN, and for Caribou/Waterside.

Thank you,

Fletcher's Lake, NS

**From:** @tncweb.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 7:39:59 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: To the Minister of Environment: Northern Pulp has to date not specified the chemical composition of their effluent, an unknown can not be approved. Given their record of not meeting standards, dealing with emergencies and a lack of transparency regarding their emissions, I have no trust in the company to treat the public better this time around. As the province took over the responsibility for all effluent from the mill, how can they decide over a proposal they have a vested interest in. This is a clear conflict of interest and the proposal should be directed to a federal agency. Name: @tncweb.ca Address:

Municipality: Merigomish Postal-Code: Phone: ### ### -  
##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 46 y: 19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:01:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: - Choose - Comments: There solid science backing this project and in particular the outfall diffuser. Name: @hotmail.com Address:

Municipality: New Glasgow Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 76 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:02:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am from Pictou county and know the plague this mill has been on our community since as long as I can remember. I do not live in Pictou county anymore, not will i as long as that mill operates. My mother and brothers have had health issues, while none of us that live outside the community have had any. I have a large family and only those that live in Pictou county get sick. Name:

@gmail.com Address:

Municipality: Halifax

Postal-Code:  
x: 70 y: 27

Phone: Fax: ### ## - ##### email\_message: Privacy-Statement: agree

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:08:40 AM

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Project: - Choose - Comments: I support the mill and I support the proposal in the focus report. Name: Email: Address: Municipality: Pictou Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 64 y:  
25

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp pipe extension  
**Date:** November 3, 2019 8:12:43 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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To whom it may concern,

When a general election has just pointed out the multiple concerns of vast numbers of Canadians regarding the environment, this new proposal by Northern Pulp to put a pipe into the Northumberland Strait is beyond comprehension. Not only for its lack of credibility as to what happens to the fishing industry but what would continue to happen to forestry, ie the ravaging of what is left of Nova Scotia forests, if you can call a tree perimeter of the province a forest.

New jobs can be created with the clean up of Boat Harbour. Pensions of previous workers at the mill paid for by NP and the government.

More new jobs with tree planting including more than softwood for Northern Pulp consumption because it grows more quickly than hardwood.

The tourist industry and real estate sales in Pictou have been destroyed by the smell of the mill for years. Cancer rates and respiratory illness are way up in the town.

Pictou is an Heritage Town destroyed by Northern Pulp.

Yes, it has provided much needed jobs for 50 years, but there are alternative industries which should now be put in place, hemp production, alternatives to fossil fuels, solar and wind power. Ship building was a big industry in Pictou at one time.

Northern Pulp has been more than irresponsible for years. It should be shut down or repurposed to protect peoples' health and an environmentally sustainable industry created.

Can we please look forward instead of back!

Pictou Island  
Sent from my iPhone

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:31:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: WE have to come to mutual grounds so everyone can win here. If the pipe is deemed fit but scientific proof, then a extension to boat harbor act should be given for the narrowest time possible with compensation to those affected. And Northern pulp should be given a deadline within reason to complete the project. If they do not meet that deadline, it should have to close till the new facility is online. The loss of this vital industry in Nova Scotia could devastate the economy for years or decades to come. But also strict testing should be done and if any negative affects on the environment is found, The company should be made to correct it or shut down. Im glad I dont have to make this decision. Name: @eastlink.ca

Address: Municipality: Kenzieville Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 49 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:50:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister Wilson and colleagues, I and my family wish to express our concern about the proposed pipeline that would pump waste from Northern Pulp operations into the Northumberland Strait. This company has a long and notorious history of disregard for the land and water, and the First Peoples living near Boat Harbour have also expressed their anger about how they have been treated by the company. Its time to hold Northern Pulp accountable for their damaging actions! If they cant clean up their act, its past time that they close down. Name:

@gmail.com Address: Municipality:  
Halifax Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 42 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:51:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I strongly oppose Northern Pulpâ?Ts plan to pump effluent into the Strait. Tell him you want to see an end to this toxic legacy. Do not let this happen. Name: Email: @hotmail.com  
Address: Municipality: Halifax Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 62 y: 8

**From:** @acadiou.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 9:23:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Truly, the eyes of the world are on us as we contemplate continuing the travesty of this pulp mill. Massive environmental degradation, naked environmental racism, corporate greed, government corruption John Hamm - your name will go down in disgrace and ignoring the needs and wishes of the people of Nova Scotia are all on display in this one place. To continue this nightmare is BEYOND ALL REASON. I am one of many residents who has taken a vow to do what I can to stop this. If this goes ahead, I intend to engage the government in non-violent civil disobedience with determination. Many others will, Im afraid, feel they must resort to violence in order to stop this. It is more than obvious to anybody not in an out-of-touch, coddled cocoon of an office in government, that you will be furthering an environmental disaster of epic proportions, as well as a massive polarizing issue that will see your government end... not to mention causing civil strife the likes of which we have not seen in recent times. Im a 66-year old who would like to live my days in peace, but I have already traveled hundreds of kilometers and will do much more if this madness continues. Everyone knows that this foreign-owned corporation is confident that they already own your government and is thumbing their collective nose at those who own these resources and live here - the people. You must stop NOW, or the people will stop you later. Name: Email:

@acadiou.ca Address:

Municipality: Ogilvie Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree

x: 59 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 10:03:17 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a resident of Mulgrave, Nova Scotia. I support northern pulp and itâ?Ts proposed effluent treatment plant.

Name: @gmail.com Address:

Municipality: Mulgrave Postal-Code:

Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 53 y: 34

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 10:18:41 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing in to state that Northern Pulp should be allowed to complete the new proposed treatment plant. I feel they have come up with a viable solution to address the issues. I work in the forestry industry along with 7 of my immediate family. None of us work for the same employer nor directly for Northern Pulp but will be impacted by its closure. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@bellaliant.net Address: \_\_\_\_\_ Municipality: New Germany Postal-Code: \_\_\_\_\_

Fax: ### ### - ##### email\_message: Privacy-Statement:

agree x: 73 y: 28

**From:** @outlook.com  
**To:** Environment Assessment Web Account  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 10:21:21 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am supportive of Northern Pulp's replacement ETF. The sheer volume of science based evidence they have collected and presented in such a short period of time should be commended. They have demonstrated that the facility will be in compliance of all limits set forth by the DoE and, most importantly for everyone, that there will be no significant health impacts to humans or marine life aside from construction, which will be reversible, and not unlike any construction project. We must recognize the impact that closing Northern Pulp would have on the entire forestry industry across Nova Scotia. To close a facility that is operating within its regulated limits and will continue to do so would not come from a fact based, science based conclusion. We must focus on the facts of the focus report and not let personal feelings and biases skew our judgement towards a false conclusion. This new treatment facility will provide much greater dilution factors than the Boat Harbour facility currently provides. It will also, importantly, allow the healing process for the people of PLFN to begin. Effluent water conditions will be the same as the background conditions within 5m of the diffuser and there will be no effluent visible at the surface of the water. No ice scour was detected at the diffuser location as well. Of course, no toxic and harmful chemicals outside of regulations will be present either. We must move forward and approve the EA. The science has been proven and Nova Scotia Needs Forestry.

Name: @outlook.com Address:  
Municipality: Antigonish Postal-Code: Fax: ### ## -  
##### email\_message: Privacy-Statement: agree x: 90 y: 16

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp replacement effluent treatment plant  
**Date:** November 3, 2019 10:36:20 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Hello,

I am writing to express my support for Northern Pulp's plan for a new treatment plant.

The company is willing to invest a large amount of money in this facility which shows their commitment to doing business in the area. They have addressed the requirements set out by the government and have showed how they rank compared to other facilities.

Forestry is one of the few renewable resources in this world , and ensuring this industry survives and is managed well is our government's responsibility.

Lunenburg County, NS

Sent from my iPhone

From: @eacantimber.ca  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 3, 2019 10:44:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science. Top on the minds of Canadians and folks all over the world is climate change. If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal. I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together. If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Name: @eacantimber.ca Address: Oakfield NS Municipality:  
Email:  
Oakfield Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 45 y: 29

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Treatment Plant  
**Date:** November 3, 2019 10:47:08 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Hello,

I am writing in support of Northern Pulp's new treatment plant.

I feel they have adequately addressed the issues and show a commitment to continue to work towards what is best.

I feel we should be making our choices on sound environmental and business practices. Not just the loudest voice.

I believe everyone would like to see a list of all the businesses and municipalities environmental impact so we ensure we are focusing on what is important and to put this into perspective .

Lunenburg County  
Nova Scotia  
Sent from my iPhone

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 10:47:42 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a forestry worker in Atlantic Canada for over 20 years i know these are good paying jobs which help drive the local economy and support families, they are essential especially in small communitys .The balance between good science and economic growth and a commitment to environmental protection need to and can certainly co-exist as is the case here and with the other 88 mills across Canada .Northern Pulp is committed to the community and has addressed every concern brought forward by the initial public consultation and Nova Scotia Enviornment.The decesion should be based on the science that backs Northern Pulps claims of being able to run safely with a environmental protection plan.These jobs are needed! this mill is needed! we need to find the balance! it CAN work so we CAN work! thank you. Name:

Email: @gmail.com Address: Municipality: willow grove  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 66 y: 22

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 3, 2019 11:10:07 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal. I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together. The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp. Northern Pulp generates 90 of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60 of its energy. If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project. Name: @gmail.com Address:

Oakfield NS Municipality: Oakfield Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 61 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 11:39:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Decisions are about to be made on Northern Pulps potential new effluent system. The science has been done to the greatest extent possible and at a significant cost to Paper Excellence and the Abercrombie mill, all the questions put forward have been adequately answered, all the tees have been crossed and is dotted. They have done their part. If anything more should be needed then let it be the Neh Sayers onus to submit their lab tests and science reports and formal reports that definitively trace these so called poisons back to Northern pulp and not the waste of the 44000 residence of Pictou county, or the multitude of other past and or present industries, or even from farther away like the St. Lawrence river or PEI. 89 Kraft pulp mills exist in Canada with a large majority in the eastern portions so why are these groups tunneled focused on just one. the answer is easy just not in my back yard plane and simple, we want the product just not the process. Even tho Northern pulp is in the heart of an industrial based county that has been industrial based for hundreds of years. Im saying let the pipe be run, let the effluent plant be built and let Nova Scotia continue to thrive and continue to be the greatest Province in Canada. Name: @gmail.com Address: East Hants, NS Municipality: Enfield Postal-Code: Phone: Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 61 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 11:45:26 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the pulp mill

Name: Email: @gmail.com Address: Municipality: Westville Postal-Code:

Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:

agree x: 69 y: 28

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 11:48:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: - Choose - Comments: I am a retired Forest Technician having been employed in the Forest Industry from 1957-94 and can appreciate how the Industry practices have improved to the present time especially in regards to treatment of the effluent especially Northern Pulps Plan. Lets support them keep jobs. Name: @bellaliant.net  
Address: Municipality: Westville Postal-Code: Phone: ### ### -  
##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 47 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 12:32:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together. Name:

@gmail.com Address: Municipality:  
Halifax Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 65 y: 19

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 12:42:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe that the proposed new treatment facility that Northern Pulp has chosen represents the best technology available today and I am satisfied that this facility will meet the environmental guidelines both provincially and federally. Name: Email: Address:  
Municipality: pictou Postal-Code: Fax: ### ### - ####  
email\_message: Privacy-Statement: agree x: 7 y: 24

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Comments re Northern Pulp's Focus Report 2019  
**Date:** November 3, 2019 12:53:46 PM  
**Attachments:** [Reponse to Northern Pulp.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Please find attached my comments re Northern Pulp's Focus Report.

November 3, 2019

I am writing to express my concerns in relation to Northern Pulp's Focus Report on a proposed Replacement Effluent Treatment Facility Project.

I am a Fisher that fishes in the Northumberland Strait out of the port of Lismore. My ability to support my family depends on my fishing income. I currently fish Lobster, Oysters, Herring, Clams, and Mackerel.

I will be discussing Effluent and its effects on marine life.

From the Focus Report: *Project Overview* page XXIV which states: *"The Kraft process creates wastewater, air emissions, and solid waste, all of which requires appropriate disposal."* The wastewater also known as "effluent" is to be released into the Northumberland Strait via a pipeline to Caribou Harbor once it has gone through a proposed treatment. The Focus Report states from 3.0 FACILITY DESIGN, CONSTRUCTION AND OPERATION AND MAINTENANCE page 52

***"As the replacement ETF has not yet been constructed, the treated parameters and their levels were predicted. Table 3.3-1 shows the effluent discharge concentrations that are expected to be present in the treated effluent coming out of the new replacement ETF."***

This report is predicting probable outcomes but not able to predict the exact outcomes!

This Focus Report does not guarantee our waters of the Northumberland Strait will allow me to continue to harvest sustainable seafood that is safe for human consumptions. The Effluent released into the ocean will elevate the temperature of the water surrounding the discharge zone. This will lead to lower dissolved oxygen content of the water affecting marine life. This could lead to marine life kills!

I am concerned about the effect on the close-by lobster nursery. Will this decreased lobster reproduction or stop it in this area? The report does not answer these questions! I buy scallops from a fellow fisher that fishes scallops in the area where the pipe will be placed. Are these scallops going to be safe for human consumption!

The effects of the chemicals in the effluent at the time of discharge into Caribou Harbour is also concerning and may produce changes to the food source for marine life and changes to their health. The report does not offer me reassurance that the fish will be safe from harm or safe for human consumption. I want to be able to consume fish and know that the species I fish are sustainable for my future and my son's future as he wants to be a Fisher one day.

The far reaching damage to our Strait is not known until after the project would be completed and in operation! No amount of research can tell us the real impact of Northern Pulp's planned release of effluent into the Northumberland Strait.

Page 2 -November 3, 2019

I am also concerned about the effluent effects on the larger marine mammals such as whales or seal populations that rely on the ocean for their existences. Their diets vary considerably as some feed on zooplankton while others eat fish.

The Focus Report noted on page 83:

***"Dilution in the far-field is determined in large part by complex ocean currents, tides, wind, bathymetry, and waves. The study area included in the far-field model comprises an area 58.8 km x 42.5 km."***

The effluent will travel throughout a large area each day as it is released, interacting with these larger marine mammals through their consumption of zooplankton or other marine life. The effects to these larger mammals are not covered in the reports. There is only mention of Tuna in the area of the pipe.

I am concerned with the winter months, and how the ice could change the dilution rates of the effluent, causing more intense damage to marine life in the area of the pipe.

I do not feel Northern Pulp Focus Report answers my questions and concerns. Until we have more concrete information I am asking you to not allow the Effluent to be discharged in the Northumberland Strait. Protect our waters and keep them safe for all Nova Scotian's and tourists to benefit and enjoy!

Sincerely,

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** comments re Northern Pulp's Focus Report  
**Date:** November 3, 2019 1:01:18 PM  
**Attachments:** [Response to Northern Pulp Focus Report 2019.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

I have attached comments to Northern Pulp Focus Report 2019.

November 3, 2019

I am writing to express my concerns in relation to Northern Pulp's Focus Report on a proposed Replacement Effluent Treatment Facility Project.

I spend my summers on the Northumberland Strait. My family and I enjoy swimming in the waters on the shores of the Northumberland Strait. I have endured the stench from the Pulp Mill over decades. I see the dirty brown foam that washes up on the beach. I am concerned about the value of my property that is located on the shores of the Northumberland Strait. If the pipe goes in the ocean as described in Northern Pulp's Focus Report, my land will devalue once destruction to the ocean begins.

I read in the Focus Report about the reduced settling time for the effluent in the proposed holding tanks of the new system. This reduced settling time will increase the amount of heavy metals among other chemicals in the effluent to be released into Caribou Harbour. Marine life that live on the ocean floor are filter feeders and will absorb these heavy metals into their bodies. I will no longer be able to enjoy a feed of lobsters, clams, oysters, scallops or any fish from the Northumberland Strait. We will not be able to swim in the ocean due to contamination/pollution! I always buy scallops from a fisherman that fishes in the area where the pipe will be located.

The Focus report also tells us the effluent will be released into the ocean at a higher temperature than the existing ocean water is. The ocean temperature will increase resulting in more damage to the ocean! In light of climate change, we must do everything we can to protect our environment, including our air, land and ocean.

Now that we are all aware of what has happened to Boat Harbour and the cost to the taxpayers; we should be very careful about what goes into our ocean! I don't think we should rely on information that predicts what could happen knowing how much damage the effluent has caused at Boat Harbour. We should now be very careful about what goes into our ocean!

I do not feel Northern Pulp's Focus Report offers me reassurance that my property will not de-value, the fish from the ocean will be safe for my family and I to consume and that it will be safe for my family and I to swim in.

Sincerely,

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 3, 2019 1:18:08 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a matter of fact: The Pulp mill in Abercrombie Nova Scotia is not doing anything illicit or illegal. The mill observes and operates under stringent Federal and Provincial laws and standards, and when called upon has corrected any and all miss measures that have occurred. Given adequate time will do so with its effluent under given guide lines and using state of the day technologies and will remain as one of the provinces most lucrative and conscience employers. Northern Pulp has always been transparent with the public and politicians in its daily operations. There are no secret ingredients or hidden substances or irregular process that is not openly searchable and public knowledge as per its process. Pictou County and its five towns continue to use rudimentary 1930s technologies to collect and dispose of our residential and commercial effluents and its biologically hazardous make up. Allow me to break it down for you. A normal human will defecate about a pound of feces a day, with 44000 residence in the County , that calculates to the equivalence to two school buses re-entering our water systems via open looped extended pipe systems and carrying with it any number of unknown medications, deceases, and carcinogens, as the town and area facilities have limited to no treatment capabilities to strain and filter these unknowns. The average person will use 337 liters of water a day, treated with chlorides, alum, fluorides along with a number of other undisclosed additives to make it safe for human use. Again doing the math that calculates to over 14 million liters of water, removed, used, then returned in undisclosed states back to open waters where it along with the poop interact and form an integral part of our aquatic habitats. Laundry detergents typically contain hazardous ingredients including sodium lauryl sulfate SLS / sodium laureth sulfate SLES: 1,4 dioxane nonylphenol ethoxylate , and phosphates. 28 of ware used id by laundering. Aluminum hydroxide ALOH<sub>3</sub>, Calcium carbonate CaCO<sub>3</sub>, various calcium hydrogen phosphates, various silicas and zeolites, and hydroxyapatite Ca<sub>5</sub>PO<sub>4</sub>OH. 17 used is with tooth paste. Zinc Pyrithione, Copal Tar, Ketoconazole, Selenium Sulfide, Panthenol, Dimethicone, Cocamidopropyl Betaine, Methylparaben, Ethylparaben, Butylparaben 22 used in shampoo. Trade secret esters for fragrances, Parabens, Sulfate, Triclosan this chemical is most often found in antibacterial soaps. Recent studies have found that Triclosan actually promotes the emergence and growth of bacteria resistant to antibiotic cleansers. It also creates dioxin, a carcinogen that has been found in high levels in human breast milk. Dioxins have disrupted effects on the endocrine system and negatively affect thyroid functions, And heres a fun fact Dioxin is the primary toxic compound of Agent Orange ! 31 hand soap. Under estimating, the average person uses 57 squares of toilet paper per day. Multiplied by the population of the five towns, we know that 2,508,000 squares of toilet paper get flushed daily. Dissolved these squares break down to their essential chemical compounds and are re-introduced directly, untreated through local sewer facilities back into the waters of our rivers, straights and harbors. The name Pictou, pronounced Pictoe derives from the Mikmaq name Piktuk, given to the area by Nicolas Denys in 1654, meaning explosive place, a reference to nthe river banks of black gooish pitch that was found in the area, or perhaps from the strong sulfur from methane bubbling up from coal seams below the harbor both contributing to a fowl looking smelly district. With all said its apparent that Northern Pulps

foot print in this district is minimal compared to its surroundings. Allow the mill to succeed and move forward and stop this witch hunt once and for all. Name: Email:

@gmail.com Address: Municipality: Stellarton Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

63 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 1:48:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support this project. The science behind it shows that it can be safely done with having no effect on marine life. Both industries are important to the local economy, and both should be looked after.

According to the report, they can be. Name:

Email:

@hotmail.com Address:

Municipality: Thorburn Postal-

Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 66 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 1:48:21 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: After reading the focus report Im very happy to see that there will be only minor impacts on the ocean, fisheries, vegetation and on land animals and plants for the short time of construction and that everything will return to its natural state after a short time just like any other construction sites. Its good to see that the company is also going to continue to monitor everything like air quality, human affects and marine species in the future. The point selected for dilution of the effluent is in a perfect spot. Its good and deep and it has a good current flow in this area of the strait. Its obvious to me that there will be absolutely no impact on any of the fisheries or vegetation especially with the defusers being off the surface of the ocean floor and also they will be able to turn with the currents which is a great engineering plus. The treatment facility is proven to be the best selection for this type of industry until something else is developed, so Im happy to see that the province and the company are working hard together to provide the area with a state of the art facility to resolve this important issue. We need the minister to now approve the E.A. and the extension on the boat harbor act in order for this facility to be built and commissioned. The province cant with stand the financial burden of a billion dollars of losses each year until I dont no when. Or we continue to more forward and enable the local economy and the province to prosper from the construction of the facility and other possible additions in the future while not taking away from the rural areas and the rest of the businesses and people of the province. I have family that work in both the forestry, the mill and the fisheries and I can tell you that I believe the answer to this issue is in front of you. This facility is the answer. The scientists and engineers have it all work out and now its time for Nova Scotia to prosper and move into the future together. Please support this project and all the hard working people of your province. Thank You for listening. Name:

@hotmail.com Address:

Municipality: RIVER JOHN Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 39 y: 22

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 2:00:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please proceed with this project as we fully support the proposal. Nova Scotia needs the Pulp Mill and all the spin off jobs. Name: @eastlink.ca Address:

Municipality: Westville Postal-Code:

Fax:

email\_message: Privacy-Statement: agree x: 81 y: 18

**From:** @ .com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 2:14:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I want to voice my concern over the proposed effluent treatment facility. This is an absolutely unnecessary environmental risk and the report prepared does not fully capture the extreme risk to marine environment and in particular the precarious fishery on the Northumberland Strait. This plan should be absolutely rejected by the Minister. Name: Email:

.com Address: Municipality: Halifax Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

54 y: 15

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** response to Northern Pulp focus report re: pipe into Northumberland Strait  
**Date:** November 3, 2019 2:38:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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November 3, 2019

The Hon. Gordon Wilson  
NS Minister of Environment  
1894 Barrington St  
Suite 1800 Box 442  
Halifax NS B3J 2P8

Dear Mr. Minister,

Save our Seas and Shores is a coalition of fishers, First Nations and concerned activists from NS, NB, PEI, QC and NL who have advocated for protection of the Gulf of St Lawrence for decades. The Gulf of St Lawrence provides global food sources and feeds the coastal communities of 5 provinces and thousands of jobs with its multi billion dollar sustainable fishery and tourism industries.

We are writing today to comment on Northern Pulp's Focus report which details its ill advised, unrealistic scheme to pump 92 million litres of toxic kraft bleached effluent into this exceptionally fragile body of water. This egregious proposal lacks integrity, responsibility and a concrete grip on reality. Our coalition vehemently opposes a pipe dumping toxic pulp mill effluent adjacent to Caribou Harbour or anywhere in the Northumberland Strait and Gulf of St Lawrence. Let us explain why.

1) Six and a half times smaller than the Gulf of Mexico, the Gulf of St. Lawrence is a fragile,

landlocked, semi-enclosed inland sea that completely exchanges its water with the Atlantic Ocean only once a year. As one of the most productive marine regions in Canada and one of the most precious ecosystems on earth, (according to Dr. David Suzuki), it should never be placed in harm's way. Because of its circular, counter clockwise currents, any contamination will be widespread along the Gulf coastlines of Nova Scotia, New Brunswick, Prince Edward Island, Quebec and Newfoundland. This is further exacerbated by winter ice coverage that eliminates wave action that could contribute to oxygenation of the water. This freshwater effluent will raise to the surface and lay under the ice for months at a time every winter.

For 50 years, Northern Pulp has dumped 92 million litres of kraft bleached effluent, known to be one of the most toxic marine pollutants on this earth, every single day into this fragile ecosystem where over 2,000 marine species spawn, nurse and migrate annually. Their irrational logic for the continuation of this immoral conduct is that they've done it for fifty years and no harm has been done... so they say.

In reality, as it stands now, the Right whale, Blue whale, leatherback turtle, piping plover and harlequin duck are endangered; while Atlantic salmon, cod, fin whale, humpback whale are in trouble; bass are in sharp decline, as are mackerel and herring; Bluefin tuna are starving and flocking to fishing boats for food – these are just some examples of the disgraceful indicator that in only fifty years, our generation has taken for granted and degraded our Gulf's natural, renewable resources. We have allowed unfettered industrial development and pollution with little regard for the precautionary principle and ecosystem approaches demanded by the United Nations Convention on Biodiversity, supported by Canada in 1992.

In October of 2018, international scientists noted that the Gulf of St Lawrence is one of the most deoxygenating bodies of water on this earth.

<https://e360.yale.edu/digest/the-gulf-of-st-lawrence-is-losing-oxygen-faster-than-almost-any-other-marine-environment>

The authors of this study also note that protection of the Gulf needs to happen via governments at regional and local levels.

How does NSDOE reconcile this international science with Northern Pulp's irrational logic that a half a century of toxic effluent dumped into spawning waters determines that they should continue to violate our oceans? Northern Pulp's focus report reads as if they are dumping into pristine waters, rather than the deeply degraded fragile ecosystem the Northumberland Strait and Gulf of St Lawrence have now become in 2019.

There is no mention in Northern Pulp's focus report of the current state of de-oxygenation in this body of water. Hence the entire focus report is a farce, not grounded in truth or reality.

2) Northern Pulp plans to build its treatment facility on top of mercury that was buried by previous owners. Any individual is aware that disturbing buried mercury could lead to irrevocable consequences. The enclosed article by investigative journalist Joan Baxter explains this mercury problem in great detail. Yet it is being all but ignored by the NS Dept of Environment. It is disgraceful conduct for a department mandated to protect Nova Scotia's renewable resources to simply ignore and pretend that this monster of a mercury problem does

not exist. Our children deserve better scrutiny and oversight of proposed industrial developments in 2019 when their very future is in peril.

<https://www.halifaxexaminer.ca/province-house/nova-scotia-has-a-mercury-problem/>

3) Perhaps NSDOE is ignoring this frightening mercury problem because of the conflict of interest you are in, as both owner, operator of the Boat Harbour treatment facility and alleged environmental protector of Nova Scotia's resources. For this reason, our coalition does not have any faith or believe your department can ethically determine this environmental assessment. We believe there should be a full federal assessment under CEAA.

Whatever your reasons for ignoring this looming mercury crisis, and the current de-oxygenation of our precious Gulf and its ongoing decline of marine resources, Save our Seas and Shores reiterates that we are vehemently opposed to any further effluent being dumped by this antiquated mill into the Northumberland Strait.

We are grateful to the Nova Scotia government for its leadership in establishing the Boat Harbour Act. But you must finish what you have started. Re-routing the toxic effluent from Boat Harbour to Caribou Harbour is MOVING the problem. Not solving it.

It is our responsibility as adults to protect the ecosystems that enable resource development for future generations. Up until now, we have failed our children. This must stop. Now. There must be #NOPIPE in the Northumberland Strait.

Respectfully submitted,

Merigomish, NS

on twitter

<https://www.saveourseasandshores.ca>

<https://www.halifaxexaminer.ca/province-house/nova-scotia-has-a-mercury-problem/>

<https://e360.yale.edu/dest/the-gulf-of-st-lawrence-is-losing-oxygen-faster-than-almost-any-other-marine-environment>

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 3, 2019 2:41:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Rest of the Story: I belong to established families of Pictou County having both lived and heard the hardships of the area. I always felt proud to call the county home but not these days. This area supported each other and stood together to make it right for all. I also consider myself a person who listens to both sides before forming opinions. With that said forms my next statement. Why is NORTHERN PULP being asked to prove that they didnt and wont cause pollution to the air and straight when we all know of present and past residential,commercial and industrial practices that have contributed to this. As i read comments to the focus report all factual information comes in support of the mill remaining in operation. Where is the factual, not hear say from the opposition. I seen, I heard doesnt cut it when your dealing with the lives of friends, neighbors,and families. I feel this pollution situation had been along time in the making, not just the 50 years the mill has been in existence. Our history is that of industry of all types since the beg inning. including a large seaport, mining etc. that were by no means run with much in the way of standards including past practices of inadequacy in human waste disposal as a couple examples. Northern pulp, the company still standing, is being unjustly left holding the bag. they are willing to spend their money and resources to prevent further harm caused by past practices of others. Why are they being fought and prevented from doing the job. There is no proof of them as the sole cause. I work with the public, and im hearing the reasoning from people for closure as being I DONT LIKE THE LOOK OF IT AND OH THE SMELL. Lets get real we all use in abundance some form or another of what they produce and cant imagine life without it. I guess what is not being said is not in my back yard. Im asking you all to remember the economic hits we all felt with the closure of Trenton Works, Maritime Steel, Stora Port Hawkesbury, Mercy Bouwater Bridgewater and the closure of small businesses that fallowed. We can not survive as a retirement community. Our youth have already been forced out with these hits, and now if Northern Pulp a very viable employer and Atlantic job provider is forced closed do to the gain of a few what is left for the rest. First you behind can expect further job closure or cuts in hours, closures of more hospital beds, fewer nurses, teachers, and doctors indexing of some established pensions to some of our seniors. In closing I support NOVA SCOTIA and allowing people to make a living and work together as a community for us all. Name: @gmail.com Address:

Municipality: Stellarton Postal-Code:

Fax: ###

### - ##### email\_message: Privacy-Statement: agree x: 60 y: 18

From: @hotmail.com  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 3, 2019 2:55:14 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: November 3, 2019 Hon. Gordon Wilson, Minister of Environment Nova Scotia Environment PO Box 442 Halifax, NS B3J2P8 Dear Hon. Wilson: I am writing to give my support to the Environmental Assessment completed by Northern Pulp and owner Paper Excellence for the building of a new Modernized, State of the Art Wastewater Treatment Facility on location at the Northern Pulp Nova Scotia site in Abercrombie, Nova Scotia. Their goal is to support a modern facility that meets and exceeds environmental targets, supports a sustainable forest sector and provides economic stability for the region for years to come. This means that untreated water will leave the mill property, eliminating risk of pipe leaks. As a retiree of Northern Pulp and a person who has owned a cottage on the Northumberland Strait at Lismore for nearly 50 years, I feel that Northern Pulp has always been and will continue to be environmentally focused. The proposed new Wastewater Treatment Facility Focus Report Findings by Stantec Consulting guarantees that ocean water quality within 5 meters of the diffuser at Caribou will meet Canadian Marine Guidelines and that within 5 meters of the diffuser, the difference between the treated wastewater and ocean temperature will be less than 1C. This is a significant improvement and the project will have no impact in terms of accumulation of materials around the diffuser output off of Caribou. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Our son-in-law is a commercial fisherman in Lismore. An abundance of Lobster, crab, herring, silversides, and tuna are fished in the waters of the Northumberland Strait. With the environmental improvements being proposed, the fishery can continue to successfully fish the strait and co-exist side by side with the pulp mill as they have done for more than 50 years. Economically, Northern Pulp Nova Scotia is a key player in rural Nova Scotia, creating a significant number of well-paying jobs in typically high unemployment areas. Its unique partnerships with sawmills, forestry contractors and private woodlot owners are critical to its success, and to the rural economy. Northern Pulp spends \$279 million annually with most spent in Nova Scotia. A supply chain of 1,379 companies support the mill and an estimated 2,679 full-time equivalent jobs are supported by the mill. Approximately \$38 million in tax revenues is generated annually to the provincial and federal governments by Northern Pulp. We cannot afford to lose the income from these jobs or the taxes generated by Northern Pulp. Nova Scotia needs Forestry and Forestry is depending on Northern Pulp. Northern Pulp grows more than 6,000,000 seedlings every year. They are committed to reforestation, meeting or exceeding environmental guidelines, and providing high paying jobs for hundreds of people for many years to come. That is why I am asking you to please approve the Environmental Assessment submitted by Northern Pulp. Thank you very much for your time. Respectfully,

Antigonish, NS

Mill Retiree

Email:

@hotmail.com Address:

Municipality: Antigonish

Postal-Code:

Fax: ###-###-#### email\_message: Privacy-

Statement: agree x: 51 y: 29

From: @hotmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 3, 2019 3:03:00 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: November 3, 2019 Hon. Gordon Wilson, Minister of Environment Nova Scotia Environment PO Box 442 Halifax, NS B3J2P8 Dear Hon. Wilson: I am writing to give my support to the Environmental Assessment completed by Northern Pulp and owner Paper Excellence for the building of a new Modernized, State of the Art Wastewater Treatment Facility on location at the Northern Pulp Nova Scotia site in Abercrombie, Nova Scotia. Their goal is to support a modern facility that meets and exceeds environmental targets, supports a sustainable forest sector and provides economic stability for the region for years to come. This means that untreated water will leave the mill property, eliminating risk of pipe leaks. As a retiree of Northern Pulp and a person who has owned a cottage on the Northumberland Strait at Lismore for nearly 50 years, I feel that Northern Pulp has always been and will continue to be environmentally focused. The proposed new Wastewater Treatment Facility Focus Report Findings by Stantec Consulting guarantees that ocean water quality within 5 meters of the diffuser at Caribou will meet Canadian marine guidelines and that within 5 meters of the diffuser, the difference between the treated wastewater and ocean temperature will be less than 1C. This is a significant improvement and the project will have no impact in terms of accumulation of materials around the diffuser output off of Caribou. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Our son-in-law is a commercial fisherman in Lismore. An abundance of Lobster, crab, herring, silversides, and tuna are fished in the waters of the Northumberland Strait. With the environmental improvements being proposed, the fishery can continue to successfully fish the strait and co-exist side by side with the pulp mill as they have done for more than 50 years. The science in the Focus Reports Key Findings proves that it is safe. Economically, Northern Pulp Nova Scotia is a key player in rural Nova Scotia, creating a significant number of well-paying jobs in typically high unemployment areas. Its unique partnerships with sawmills, forestry contractors and private woodlot owners are critical to its success, and to the rural economy. Northern Pulp spends \$279 million annually with most spent in Nova Scotia. A supply chain of 1,379 companies support the mill and an estimated 2,679 full-time equivalent jobs are supported by the mill. Approximately \$38 million in tax revenues is generated annually to the provincial and federal governments by Northern Pulp. We cannot afford to lose the income from these jobs or the taxes generated by Northern Pulp. Nova Scotia needs Forestry and Forestry is depending on Northern Pulp. Northern Pulp grows more than 6,000,000 seedlings every year. They are committed to reforestation, meeting or exceeding environmental guidelines, and providing high paying jobs for hundreds of people for many years to come. That is why I am asking you to please approve the Environmental Assessment submitted by Northern Pulp. Thank you very much for your time. Respectfully,

Mill Retiree

Antigonish, NS

@hotmail.com Address:

Municipality: Antigonish Postal-Code:

ax: ### ## - #### email\_message: Privacy-Statement: agree x: 65 y: 24

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 3:10:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs working people who pay taxes in order to pay for government programs. Nova Scotians continuously complain about our medical care. How is this province suppose to pay for improvements without tax payers? The Northern Pulp Plant directly and indirectly supports thousands of jobs. The owners are proposing to replace an outdated facility with the best available technology. This represents a big step forward environmentally. The engineered outlet provides far greater dilution of treated wastewater than the old treatment plant. The additional information in the focus report has only confirmed that this is a first rate project with vastly improved environmental performance. The Northern Pulp project should be approved without delay. Name: @icloud.com

Address: Municipality: Greenfield Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 50 y: 32

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 3:21:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the replacement effluent facility project and hope that the government will give an extension to boat harbour Name:                      Email:                      @outlook.com Address:                      Pictou landing Municipality: Trenton Postal-Code:                      Phone: ### ###                      - #### Fax: email\_message: Privacy-Statement: agree x: 63 y: 31

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Water Treatment Upgrade  
**Date:** November 3, 2019 3:36:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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After reading the proposed new water treatment submission, I find this to be an improvement over the existing Boat Harbour facility. As the world progresses, we see the need for reducing our environmental impact and I see this facility as a step in this direction. The scope of the project is huge, in my opinion, and should not have any corners cut as it could be detrimental to the final proper operation of the project. The fishery must be adequately protected while allowing the pulp mill to continue operations while the treatment facility is being properly built and tested.

Many of the studies that have been done show that the fisheries will not be impacted. Migratory birds nesting sites have been addressed. There are many studies done and some still ongoing as they can take years to do.

There were wrongs done to Pictou Landing residents that the present owners want to rectify by the closing of Boat Harbour as a treatment pond.

I do feel, however, that Boat Harbour needs to remain as the current treatment facility until the new one is built, operational, and proven technology so as not to destroy any fishing habitat.

I have heard that the company building the new treatment facility is a world class leader in such structures. I don't think they would want to put their name on something that was likely to fail. I think the environment and industry can continue to coexist as long as people are willing to work together to protect both.

Many strides have been taken in the pulp mill with equipment upgrades that better wash pulp so there is less need for chemicals. We have learned to reuse more water than before. We are constantly trying to upgrade our skills in pulping technology.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 3:49:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Canadian citizens lives and land should not be jeopardized on a third parties profits. Foreign as it is with taxpayer funding. It is All wrong. Name: @gmail.com Address:

Municipality: W. Arichat Postal-Code: Phone: ### ### - ##### Fax: ### ###  
- ##### email\_message: Privacy-Statement: agree x: 66 y: 8



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 4:46:30 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: No effluent from Northern Pulp into the Northumberland Strait, please, NONE! Name:

@gmail.com Address: Municipality: Yarmouth  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 41 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 5:03:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Better solution and for the environment. Name: Email: @gmail.com Address: Municipality: Queens Postal-Code: Phone: Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 66 y: 30

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 5:19:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I agree Nova scotia needs Forestry Name: : @hotmail.com Address:

Municipality: Greenfield Postal-Code:

Fax: ###

### - #### email\_message: Privacy-Statement: agree x: 79 y: 42

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 5:41:07 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please, do not approve this project. The risks are too high. Its time we focussed on our sustainable resources! Name: @gmail.com Address:

Municipality: Ogilvie Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 50 y: 25

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Facility Project  
**Date:** November 3, 2019 5:45:34 PM  
**Attachments:** [Letter to the Environment Minister on Focus Report.docx](#)

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Good Evening

Please find attached a letter to the Environment Minister on the Focus Report on Northern Pulp's

Proposed Re placement Effluent Treatment Facility Project.

Thanks

I am writing this letter in regards to the Focus Report on Northern Pulp's Proposed Replacement Effluent Treatment Facility Project.

My name is \_\_\_\_\_, and I live in Stellarton and I have been a resident of Stellarton, Nova Scotia for the past 37 years. Previous to that I grew up in Three Brooks, Pictou County, which is on the Sunrise Trail and not far from the coast.

This project is extremely important to me and it scares me to think that it could be approved. During the summer months we spend our time at our cottage in Caribou Island. Caribou Island is wonderful it is off the beaten path with stunning beaches and beautiful views! The beach is amazing and has a great view of the Northumberland Strait from ocean level. It is also rich in mussels, quahogs, clams and razor fish with beautiful clear waters. When these shellfish are in season we will go down and walk the beach to get a few for an enjoyable summertime treat. If this pipe goes into the water and follows its pathway to Caribou Island, these shellfish will no longer be a treat they will be toxic.

The fishing industry is an anchor industry for Nova Scotia. Sever rural communities have survived for years and many times have thrived in the past and will continue in the future. My father was a fisherman for 40 some years, he fished Lobster, Scallops and Herring and this livelihood is what supported our family. I now have two brothers that also fish for a living and have been doing so for 35 years. I have cousins who also fish out of this area every year. And also had uncles who have since past but this was their source of income for which made families succeed and stay in Pictou County.

The **Northumberland Strait** is a tidal water body between Prince Edward Island and the coast of eastern New Brunswick and northern Nova Scotia. The strait extends 225 km west-northwest to east-southeast from Richibucto Cape, NB, to Cape George, NS, with a width of 13-43 km. The effects of this effluent pumped into the Strait will affect all of the Atlantic Provinces, so how can this get approved, it is unacceptable?

In this letter there are two things that I would like to address that were listed in the Terms of Reference, that I feel have not been fully addressed or answered on the Focus Report provided by Northern Pulp. Northern Pulp talks a lot about the science of this project and it is not all about the science. It is about common sense and the economic implications that will result if this project gets approved.

The first one that is a concern to me is Appendix 3.5 – Effluent Pipeline Leak Detection. So when I go into that report it is left intentionally blank and then it refers back to section 3.5 of the Focus Report –Terms of Reference. And the Terms-of-Reference report states to provide viable options including the selected option for leak detection technologies and inspection methodologies, with specific consideration to any portion of the pipeline located in the Town of Pictou's water supply protection area.

There are three major exposure routes through which chemicals present in environmental media can enter the body: Inhalation, ingestion and dermal (skin) absorption. This can happen from ingestion of soils, dusts, drinking water and garden produce, local country food items (e.g., fish, shellfish and hunting). An undetected leak in the water supply over a period of time would have long term exposure to a living organism. And we know that Northern Pulp is known for their leaks and cover ups.

Something that was stated in this report was: During a pipeline malfunction, treated pulp mill effluent may leak and infiltrate into groundwater that is used as drinking water by residents near the pipeline. So anything that comes after this paragraph is exempt to the people of this area, as it states about the increased cancer risk from lifetime exposure because of the toxic chemicals. As we

know there have been many leaks in the past several years that have gone unnoticed by the Company. There was one in 2008 when the underwater pipe broke and caused a lengthy shutdown of the Mill.

Back in 2014 there was a rupture of the Mill's effluent pipeline which leaked ***47 million litres of toxic waste*** which spilled on sacred Mi'kmaw burial grounds at Indian Cross Point and into the East River that flows into Pictou Harbour. In October 2018 a couple out for a walk noticed a leak from one of the Company's effluent pipes. They were the ones that notified the Company of the leak as it was not detected by Northern Pulp.

2008

<https://www.cbc.ca/news/canada/nova-scotia/broken-pipe-idles-pictou-county-pulp-mill-1.706509>

2014

<https://www.ngnews.ca/news/local/updated-pictou-landing-votes-to-accept-government-offer-dismantle-blockade-77525/>

2018

<https://www.cbc.ca/news/canada/nova-scotia/effluent-leak-northern-pulp-pipeline-1.5006939>

Apparently they had no Leak Detection in place and still don't. In the Task 3.6 they explain how to contain the waste and they talk about storage tanks and they also talk about a spill containment system storage tanks. Which is all great but if it does not get detected the 3.6 part does not matter. There is no talk about inspections in this report or leak detection technologies. Although it does talk about if there was an atmospheric release of chlorine dioxide during a major spill, it would hinder response efforts as well as potentially endanger mill staff. Then I am sure that it would also damage the water supply in the Town of Pictou and kill the marine life. They talk about the Mill's Emergency Response Plan would be updated, not sure how good that would be without a leak detection plan first.

I would think that the following things would be in this section by the Company: Screening Technologies, Technology for an In-Dept inspection and Inspections to evaluate the pipe walls and much more.

A leak of any magnitude in the strait without any knowledge of it would completely eliminate our lucrative and productive eco-system causing catastrophic results. To me this part of the assessment will cause adverse effects to the environment and the water supply to the people of Pictou if it went undetected. This section needs so much more investigation before this project could be approved.

The second point that I would like to address is Appendix 9.2 the Human Health Risk Assessment, which requires more information in the Terms of Reference. Commence a Human Health Risk Assessment (HHRA) to assess potential project-related impacts on human health. The risk assessment must consider human consumption of fish and other seafood, consumption of potentially contaminated drinking water. The chronic illnesses in Pictou County over the past 40 years that have increased with the presence of this pulp mill are insurmountable. Pulp and Paper Mills use a variety of chemical substances that are potentially hazardous to human health. Compounds of both short- and long-term toxicological significance are found in workplaces, air emissions, and water effluent.

There are 47 Canadian bleached pulp mills and together annually they discharge over one million tonnes of chlorinated organic compounds to the aquatic environment. Approximately 250 compounds have been identified but more remain unidentified. The chemical compositions of bleached pulp mill effluents are complex, variable, and not well characterized. But Northern Pulp wants to dump quantities of chlorinated organic matter, both of known and unknown composition into the Northumberland Strait's aquatic environment?

So in this report Northern Pulp is stating that under normal operating procedures there is no contact between the treated effluent and groundwater. But they state there is a potential for ocean to flow into wells that are close to shores. But that residents would likely stop drinking their groundwater due to taste from the salt. And therefore there would be minimal exposure. The pipe is in the water and they are essentially saying that there is a good chance that the salt will go into the drinking water but not effluent from a damaged effluent pipe? And they know this, how?

So they are essentially saying that hopefully in most cases the effluent will not flush into the drinking water, but with a damaged pipe it can and commonsense tells us it will. Everything in this part seems to be a calculation or estimate this is people's lives at stake? So what determines on what day if the pipe is operating abnormally what goes in the groundwater? Drinking salt is one thing but just the thought of the other is revolting. So where is the science here? For the reason that when I look at 2.7 the uncertainties section **it states throughout the Human Health Risk Assessment process, assumptions must be made due to a lack of absolute scientific knowledge**. I was under the assumption that Northern Pulp was basing their information on science but apparently due to a lack of science?

I have researched some of the chemicals that are in a pulp mills effluent. They are Oxygen, hydrogen peroxide, ozone, peracetic acid, sodium hypochlorite, chlorine dioxide, chlorine, sodium hydroxide and so many other chemicals. This is a toxic glass of cancer. In this report there is a lot of talk about the uncertainty of air emissions, estimations and parts where scientific knowledge is lacking and Northern Pulp wants this to pass?. In section 2.5.3 of this section it states: There are a number of residential wells near the pipeline route. There is the possibility of a leak leading to treated pulp mill effluent infiltrating into groundwater that is used as drinking water. WHAT and this could be approved? How can something of this magnitude go into our water and destroy the eco-system, our food source, health and the drinking water for the town? This project has the potential to have adverse effects on human health and environmental effects on this area for years to come if approved. Nothing has been made better in this assessment since the one in March. This should be rejected.

Also in this section it shows a local Seafood Intake Survey that Northern Pulp provided for their Nova Scotia Replacement Effluent Treatment Facility. Apparently it was only given to a specific number of people as I never heard of it until I read this section and I did not hear of anyone else that had taken it. I believe that this survey would have been better utilized if it was sent through a lot more channels/sources rather than how it was conducted by phone. If the survey had been sent through, mail, advertised in a newspaper or handed out more response would have been provided. It would have given a more complete picture of how people want this project to fail. The Northumberland Strait is a mass supply of water maybe this survey should have been sent to everyone in many areas rather than just a 5 KM radius. This project affects everyone in Atlantic Canada and surrounding areas. Remember what goes on in the water will affect the marine life which affects the fishing industry. I love fish of every kind, but if this pipe goes into the water the fishing industry vanishes. Nobody is going to eat the fish that come out of the Strait once this pipe is put in place. We are talking contaminated fish that will cause sickness and eventually death.

If this pipe goes into the Strait and pumps effluent through a pipe into the water, it does not just affect the Northumberland Strait this is part of the Gulf of St. Lawrence, this is a shared body of water for our three Provinces and the rest of Canada. Wastewater temperature also affects receiving waters. When discharged in large quantities, it can raise the temperature anywhere from 28 degrees Celsius in the winter to 38 degrees in the summer which means no marine life will survive. In the Northumberland Strait waters marine life spawns, nurses and migrates here, how is that possible if they are exposed to chemicals and heat? The assessment talks about the pathway

that the pipe will position in the water will not disrupt fishing as apparently the fish were not in that specific area in 2018 and it was not a fish habitat. Well it is now 2019, and I am sure in a year that marine life have passed through that pathway area in the strait that has been laid out for the apparent pipe. Adult lobsters do not swim they crawl by using their walking legs and contracting their tail, so they can move anywhere within that area. Also lobster larvae that has not settled to the bottom will float through the ocean's current which will send the larvae to the opening of the pipeline. As they get older they gain their walking legs but if there is No larvae then there will be No lobster, then the marine life will vanish. It's like anything it will be a domino effect! There are just too many variables to have this project approved. It will have detrimental impact on the environment through air, water and soil pollution.

With these articles below how can we even think about disrupting our food source in Atlantic Canada, it is absurd! But yet Northern Pulp is stating that the millions of litres of treated wastewater which would be pumped daily into the strait **will have no significant impact on water quality or marine life**. When the mill open in 1960 as soon as it started operating all aquatic life died and the water level rose. Yes it is 59 years later. There are updates on everything in our world including assessments but the science is the same. The fish will die, humans will be at risk, and the environment will be desolate in this area. That's what we all know. The work in this assessment has not been done; the information is abnormal at best. The infrastructure alone for this project will be the death of marine life and wildlife.

Nova Scotia's seafood industry continues to reach new heights. Last year, our companies exported over \$2 billion worth of our premium quality seafood products to markets around the world," said Premier McNeil. "I'm pleased to be travelling with our industry, as we continue to build our reputation for being Canada's seafood export powerhouse." (<https://novascotia.ca/news/release/?id=20190314003>)

"The United States remains Nova Scotia's largest market for seafood exports with close to \$984 million in 2018. Exports to China followed with over \$524 million, an increase of 36 per cent from last year, and the European Union followed with over \$197 million. (<https://www.thechronicleherald.ca/business/nova-scotia-seafood-exports-reach-new-high-292234/>)

I do not feel that Northern Pulp has provided enough information to prove that this project will not harm the environment including the fish and fish habitat. Furthermore there has been enough evidence in this assessment to show that it will cause adverse and irreversible effects on human health. I feel that the proper data has not been validated in this report. The tests have not been done for the period of time that it needs to take in order to have the correct legitimacy for a project of this size; one example being the impact on marine life. Pulling information from other projects that were done in years past is not the characteristics of a confident assessment for a project such as this. The astronomical effect of this project to Marine life, human life and the environment is enough that I can say confidently that the Minister of Environment needs to reject this Proposed Project.

Remember it only took one diseased steer to basically cripple the beef industry in Canada for 5 years. If this goes through there will be no fishery, can Nova Scotia live without that?

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 5:50:06 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is insane! Please think about the fish, environment, fisherman and community. Name: Email:  
@gmail.com Address: Municipality: Butlington Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

64 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:03:21 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No untreated effluent will leave the mill site. The project does not impact plants, animals, fish or shellfish. Name:

Email: @hotmail.com Address: Municipality:

Middle sackville Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 76 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:03:44 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My livelihood depends on the mill staying open. Our household would be greatly affected by its closer. Name:

@gmail.com Address:

Municipality:

Springfield Postal-Code:

Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 59 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:11:18 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Our Family depends on the Forestry Industry to survive. Keep the mill open. Name: Email:

@gmail.com Address: Municipality: Springfield Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 91 y: 31

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:32:06 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Ive worked in the forest industry all my life and would like to continue. The province cant afford to loose all these jobs.

Name: @gmail.com Address:

Municipality: Springfield Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 77 y: 10

**From:** @ns.sympatico.ca  
**To:** Environment Assessment Web Account  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:36:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments:

Advocate Harbour, Hon. Gordon Wilson Minister of Environment  
November 1, 2019 Dear Hon. Gordon Wilson, As someone who works in the forestry sector and have now for 45 years the environment is very important to me. However, so is the Forest Industry in Nova Scotia. After reviewing Northern Pulp's Environmental Proposal, I see no real reason why the proposal not be accepted. The report states that the ocean water quality, within 5 meters of the proposed diffuser, will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Also, within 5 meters of the diffuser the temperature of the waste water and ocean water will be less than 1 degree in the difference. Northern Pulp, for additional protection, has selected a thicker than required pipe, plus they will establish an automated leak detection system which will be installed in the Pictou watershed area. The project will not have any impact in terms of collection of materials around the diffuser. Northern Pulp hired an independent consulting firm to study and report what they found to your department, the impact their project may or may not have on the environment. Forestry and fishing industries have worked side by side each other now for 50 years and will continue to co-exist and thrive for another 50 years if this proposal is accepted. As a grandfather of a 16 year old young man who lives, breathes and dreams of one day working in the forest industry in Nova Scotia, I truly feel this proposal needs to be accepted. Our children and grandchildren are the future of Nova Scotia, without Northern Pulp and this new waste water treatment project, where is this going to leave our future generation? It leaves them no choice but to leave their home province to pursue their career dreams. Can Nova Scotia afford to lose the millions of dollars that the forest industry pumps into the Nova Scotia economy? Not only would there be thousands of jobs lost, hundreds of small spin off companies would also suffer. Northern Pulp employs thousands of hard working Nova Scotians providing them with the means to provide for their families, they are a vital part of our economy. If we want our young people to stay, live and work in Nova Scotia please accept this proposal so they have the opportunity to do so in the Forestry industry. Hon. Gordon Wilson, I urge you to approve the environmental assessment and grant the time needed to put the new waste water treatment facility in place. Sincerely,

Name: Advocate  
Email: @ns.sympatico.ca Address: Advocate  
Harbour, Municipality: Advocate Harbour Postal-Code: Phone:  
Fax: ###-###-#### email\_message: Privacy-Statement: agree x: 59 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:37:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Cant wipe your butt with plastic toilet paper. Just sayin! Name: @gmail.com

Address: Municipality: Springfield Postal-Code: Phone:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 78 y: 20

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:37:55 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the Replacement Effluent Treatment Facility based on the science in the reports that there will be no adverse effects to the environment. If the project is rejected the impact to the economy will be devastating. Name: @outlook.com Address:  
Municipality: New Glasgow Postal-Code: Fax: ### ###  
- ##### email\_message: Privacy-Statement: agree x: 55 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:38:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister After reading the Focus Report that has been submitted by Northern Pulp I believe giving them the the ok to build the new Effluent Treatment Plant is the right thing to do. The extensive Scientific Fact Based report shows that after the effluent has been treated it will have no effect on the Northumberland Strait. Ocean water quality within 5 meters of the diffuser will meet Canadian Marine guidelines. Within 5 meters of the diffuser, the difference between the treated wastewater and ocean temperature will be less than 1 degree. This operation has been running since 1967 and has been releasing treated effluent into the Northumberland Strait since itâ?Ts opening. Saying this allowing Paper Excellence to build a state of the art treatment system is the right thing to do. The new piping will be much better than the pipe being used today. Two and a half inch wall thickness. Two and three quarters wall thickness where it goes across the Pictou watershed area. All fused pipe. Forestry Nova Scotia needs Northern Pulp to continue running. Without Northern Pulp the forest Industry in Nova Scotia simply canâ?Tt survive. There are approximately 2700 direct jobs the rely on the continuation of this mill running and also thousands of indirect jobs that depend on it as well. At this time in Nova Scotia we simply canâ?Tt afford to lose the taxes that this Company generates to the province. After youâ?Tve had time to read the Focus Report you will come to the same conclusion as I have that this is a sound proven way to treat the mills effluent and with all the fact based research that has been done a new Effluent Treatment Plant will be a win for everyone. Thank you for your time. Name: @gmail.com

Address: Municipality: New Glasgow Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 60 y: 23

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement effluent treatment facility project  
**Date:** November 3, 2019 6:42:35 PM

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As a former resident of Pictou and now living and working in one off the 88 pulp and paper mill towns across this great country I feel I must add my voice in support of this project

As you are well aware the economic impact this region would face would be devastating, it's well documented that any were between 2500-3000 direct jobs would no longer exist. The trickle down affect would also be huge, everything from small business to social programs. Can Nova Scotia balance the economic growth of this region with the environmental concerns, I believe so. We only need to look at the Force report, the report some 2600 pages in length contains the results of more than 20 different complex and detailed environmental tests. The findings are clear, the environmental impact would be well below Nova Scotia and Canada's standards. Has Paper Excellence been willing to live up to this standards, you only need to look at the millions they have invested since they took ownership of the mill, and now willing to invest 130 million on this project. Since I move away but return every summer to visit my family I have noticed a huge improvement in the air quality so I say yes I believe the company is doing their part. At the end of the day the science must have a voice it must be heard. If science is ever to be believe moving forward around climate change, environmental issues we have to accept it. We shouldn't make things up or rely on old out dated data to better our cause, as I believe some groups have in this case. Forestry sector has moved into a green/ renewable/ sustainable industry. One that if managed right will benefit our environment, let's not put a end to this industry in Nova Scotia but instead move it forward with good stewardship. In closing the decision you face will have a huge impact on this industry, Pictou, the surrounding region and all of Nova Scotia. I believe the fact are clear Nova Scotia can have a great forestry industry and at the same time protect the environment. Take it from one Nova Scotian people from Nova Scotia what to live in Nova Scotia and have the opportunity to make a good living in this industry not be forced out and live elsewhere in this country. Thanks for taking the time to read this submission.

Thanks

Sent from my iPhone

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 6:42:41 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Too many mills closing down as it is. The province cannot afford to lose another one. Name: Email:  
@gmail.com Address: Municipality: Springfield Postal-  
Code: Phone: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 92 y: 19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 7:01:57 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please stop any dumping of effluent into the strait. Name: Email: @gmail.com Address:  
Municipality: Waterville Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 63 y: 25

**From:** @me.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 7:28:16 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Having grown up on the Northumberland Strait in Pictou County, I am extremely concerned by the proposal to pipe effluent into the strait. At a minimum, this project should be required to have a class 3 environmental assessment, as well as a federal environmental assessment as it will affect the waters surrounding all Maritime provinces. This would negatively impact first and foremost our environment marine ecosystems and water quality, but also the fishing industry, tourism, and recreation. Please think of the long term impacts of this project. And please honour your commitment to close the Boat Harbour site by the January 2020 deadline. This is owed to the people of Pictou Landing First Nations, who have suffered many hardships at the hands of Northern Pulp and the province of N.S. Name: @me.com Address:  
Municipality: Bereick Postal-Code: Phone: ### ## - ##### Fax: ### ## - #####  
email\_message: Privacy-Statement: agree x: 94 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 7:29:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am not convinced that the proposed treatment of the effluent will make the effluent safe enough to dump into the ocean. Dumping the effluent into the ocean should not be an option, and therefore the pipeline should not be constructed. The mill is an environmental blight, and the residents of Pictou deserve better. If the residents themselves are opposed to the project, it should not proceed.

Name: @hotmail.com Address:

Municipality: Dartmouth Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 76 y: 30

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 7:49:08 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in favor of this project. I feel this company has done everything they've been asked to do. The environment of course comes first and I feel this effluent treatment facility is proving that this company wants to care for the environment. The research has been done to assure the quality of the ocean water is within acceptable limits by federal standards which I feel is the most important part so marine life and industry are not impacted. I am a second generation logger I for one am fearful that the public does not realize how important this mill is to our industry. If this mill closes not only will my family business likely close but the quality of our forests I feel will suffer as well due to the decrease in funding for silviculture and tree planting programs. I hope this mill can remain open and we can all do our part to care for the environment while having a strong industry and economy along with it. Thanks Name: Email:

@hotmail.ca Address:

Municipality: Auburndale Postal-Code:

Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

76 y: 20

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:10:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not proceed with the replacement of the effluent treatment facility unless it is proven that it will not: 1 Continue to pollute 2 Harm marine life and fisheries 3 Harm Pictou Landing Mikmaq people 4 Cost more tax payer dollars. Also stick to original deadlines for the mill. This mill is destroying forest ecosystems at alarming rates. Ecological forestry is now required which leaves little room for this mill to operate. Name: Email:  
@eastlink.ca Address: Municipality: Bridgetown Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 31 y: 22

**From:** [@seasidehighspeed.com](mailto:@seasidehighspeed.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:31:44 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp  
Name: @seasidehighspeed.com Address:  
Municipality: Westville Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 61 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 8:32:23 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp  
Name: @hotmail.com Address: Eastern Passage  
Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 55 y: 32

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 9:20:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please seriously consider the damage this has caused and is causing, please do the right thing and close this plant, it's time the world changes and evolves to recognize the mistakes that have been made and to strive to make change.

Name: @hotmail.com Address: ## ###  
Municipality: Dartmouth Postal-Code: ## ###  
- ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 57 y: 47



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 9:40:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister Wilson I am writing to express my concern about Northern Pulpâ?Ts plan to allow effluent to drain into the Northumberland Strait. Certainly doing the right thing can meet resistance but bowing to that resistance can cause irreparable damage to a sensitive ecosystem. We need to hold such companies accountable and push them to be responsible to provide jobs that allow people to work with a clear conscience. We cannot keep correcting mistakes we need to stop making mistakes. Thank you for taking the time to read my concern. Name: Email:

@gmail.com Address: t Municipality: Bedford Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 68 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 9:53:37 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The risks are too high in my opinion. Name: Email: @gmail.com Address:  
Somerset Municipality: Somerset Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 81 y: 25

**From:** @dal.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 9:57:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Mr. Gordon Wilson. I have a deep concern regarding the future of northern pulp and its proposed effluent treatment plant. My father is a                      at the                      pellet mill in upper musquodoboit and my husband is a 4th generation logger. I myself do very little in the woods but have listened to my husband, his father and my father talk about how detrimental it would be for the industry if northern pulp were to close. These men know the the model and the supply chain of the modern day forest industry. They have also seen the repercussions that mill closures have on the industry. They have maintained their positions in the industry through the hard times but are really scratching their heads on what they would do if northern pulp closes. Critics say that port hawkesbury paper will take the role of being the provinces leading pulp manufacturer but there are three problems with that. 1. They would have a monopoly on all low grade fibre and sawmill by-products. 2. It doesnt matter which way you slice it, there is still market for pulp and wood chips disappearing with northern pulp 3. Port hawkesbury paper is a super calendar paper mill. That is a shrinking market. Norther pulp is a Kraft mill. Online shopping has driven up packaging paper and toilet paper is a daily necessity. My husband preaches how it would be almost impossible to manage spruce and fir without the pulpmill. The land that he manages steadily consists spruce and fir. Mr. Wilson, I hope your history of working in the forest industry helps you have an open mind to this proposed treatment plant. Thank you Name:                      Email:                      @dal.ca  
Address:                      Municipality: Upper Musquodoboit Postal-Code:  
Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 65 y:  
19

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 10:46:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: This should absolutely not go ahead. Once the environment is gone its gone. I spoke with someone who worked a shutdown there from a company y I Dartmouth all the stuff that was supposed to be shipped off site, they were told to bury in the dump on site. Saved NP from getting permits extra coat to truck the sludge out. Get rid of this place. Name: Email:

@eastlink.ca Address: Municipality: New Glasgow Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 69 y: 46

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 3, 2019 11:28:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Throughout the years I have worked in many industries such as oil/gas pipelines, manufacturing, forestry, transportation and pulp and paper. I have gained considerable knowledge and know about environmental regulations through the various industries that I have worked. We all know that decisions cannot be made on opinions and the department in past history does not make decisions on opinions but on regulations that were developed for your department to be able to make appropriate decisions that all industries must follow and meet guidelines. The focus report is a very long report that took time to complete based on the need for the company to conduct science based documentation to meet the regulatory guidelines that the department of environment laid out for industry to follow. Third party environmental experts have concluded that these studies meet the guidelines set out by the department. An example of this is the quality of the water within the 5 meters of the proposed diffuser, it will meet the Canadian marine guidelines. They have also shown that there is no history of ice scour at the planned location of the diffuser. The science based studies have also proven that there will be no significant impact to any fisheries or fish habitat as a result of this project. Pipelining is a subject that I have an extensive knowledge of and the selected thicker pipe that Northern Pulp will install is above the required regulatory thickness, they will also install a leak detection system on this pipe. The leak detection system is a proven system in pipelining. It is very interesting reading comments about the potential leak in this system but many are forgetting it is not the same as the line going from the mill to Boat Harbour, it is untreated effluent but the new pipe will be treated effluent that has already been treated at the new facility located on mill property. No one wants to see any pipe system leak but seeing the thickness of this pipe along with the leak detection system that exceeds regulatory requirements there would be no reason for anyone to be concerned with any leak. Also the studies show that there is no chance that ice scour would be any concern at the planned location of the diffuser. For 50 years the fishing industry has successfully fished from the Strait and interestingly enough their industry has met quotas and has only increased. I have not seen any studies showing that the fishing industry has been impacted in the last 50 years from the effluent coming from Boat Harbour only peoples opinions saying the industry will be killed off when the new treatment facility goes out into the strait. Which makes no sense because studies show that the fishing industry has not been damaged and we can look at the Department of Fisheries studies to see its only increased not decreased and thats with an outfall from Boat Harbour going to the strait. So the studies that Northern Pulp has put into this focus report show that the construction will have minor impact on marine species and habitat but is reversible which means it will naturally be re-established. These are not opinions like many others have made opinions that it will kill the fishing industry but environmental experts science have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Nova Scotia needs Forestry and needs Northern Pulp. Northern Pulp grows more than 6,000,000 seedlings every year. A well-managed forest aids in the prevention of massive pest outbreaks, killing of trees and does not allow land owners to just clear cut their land and not replenish the forest. Most land owners cutting wood on their land do not spend the money to grow seedlings to replace

what they cut. Northern Pulp owns the tree nursery in Debert and uses these seedlings to replenish our forests when wood is harvested. When a tree dies, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. A healthy forest industry plays a vital role in climate change management. People just making the statement that our forests will be better off really dont understand forestry management nor climate change. I strongly support an approval of Northern Pulps

Environmental Assessment. Name: @bellaliant.net

Address: Municipality: New Glasgow Postal-Code: Phone:

Fax: email\_message: Privacy-Statement: agree x: 59 y: 19

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Re. Environmental Racism in Nova Scotia  
**Date:** November 3, 2019 8:36:24 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Department of Environment  
Barrington Tower  
1894 Barrington Street, Suite 1800  
P.O. Box 442  
Halifax, NS  
B3J 2P8

Truro, N.S.

November 3, 2019

## **Re. Environmental Racism in Nova Scotia**

Dear Honourable Gordon Wilson:

I am a white, settler woman who grew up in Mi'kma'ki, this unceded Mi'kmaq territory, and have recently moved back after living in Ottawa, Ontario while completing my Master of Social Work degree. I looked forward to hiking, swimming, and appreciating the natural beauty that these lands have to offer. However, I am deeply disturbed by the long history and deeply entrenched environmental racism in this province.

A'se'k, or Boat Harbour, is one major example of environmental racism. I know the history of broken promises to the Pictou Landing First Nation. I am currently reading Dr. Daniel Paul's book 'We Were Not the Savages: Collision Between European and Native American Civilizations'. In it, Dr. Paul lays out the long history of colonial violence done to First Nations in what is now known as Nova Scotia. Dr. Paul explains how the province and the company behind the mill in Abercrombie, now Northern Pulp, deceived Pictou Landing First Nation chiefs about how the mill would affect Boat Harbour. This deception has continued over the years as the mill has been granted multiple extensions since 1995. We as a province avoided getting informed consent and then consistently failed to prioritize the health, livelihoods, and rights of Pictou Landing First Nation. To break another promise and extend the Boat Harbour Act past 31 January 2020 would be adding to past wrong doings and would continue Nova Scotia's legacy of environmental racism.

It has been argued that the mill's closing will hugely impact Nova Scotia's economy. I believe, the forestry experts who say that the forestry industry in Nova Scotia has a good future, even if Boat Harbour closes on schedule and Northern Pulp leaves the province. Further, if the success of our economy continues to rely upon polluting the land and water of First Nations

communities and ignoring Indigenous rights, we are furthering a cruel and violent process of colonialism.

I know that Northern Pulp was aware they had a tight deadline, but did not begin designing a new effluent treatment facility for several years. I know that when Northern Pulp submitted their project for environmental assessment in January 2019, the company did not provide many essential studies and information requested by government departments, leading to further delay. It is my understanding that Northern Pulp's newest plan proposes to use a pipeline to move effluent from a new treatment site by the mill in Abercrombie Point to the Northumberland Strait. I am concerned about how this new plan would avoid polluting the strait. As noted by the Halifax Examiner, Northern Pulp has failed "repeatedly and spectacularly when it comes to pollution emission tests," and there is no reason why this history would not be repeated should the Boat Harbour Act be extended. Further, it is unrealistic that members of the public could be expected to read the Focus Report for Replacement Effluent Treatment Facility Project document submitted by Northern Pulp, a document of over 2000 pages, during about a month-long period. This means that the consultation process is inaccessible.

I urge you to honour the closure date of 31 January 2020. Northern Pulp is a long way from having a viable plan that will not harm the ecosystem or fisheries of the Northumberland Strait that are crucial to our province's economy. As Premier McNeil said, Northern Pulp is responsible for the decisions they have made over the past 5 years. Pictou Landing First Nation has had to live with the environmental devastation caused by the mill for over 50 years, and they are not to blame for Northern Pulp being so far from meeting the deadline. The community should not pay the price.

Another example of environmental racism that is currently supported in this province is Alton Gas's proposed project at Shubenacadie river. I understand that this 50-year project would seriously harm the river ecosystem as well as the health, livelihoods, and rights of the Sipekne'katik First Nation. It is also my understanding that the project did not meet the minimal requirements of consultation of the Sipekne'katik First Nation. It is surprising to me that, rather than opposing Alton Gas project for not complying with federal regulations, the Federal government is looking to create rules that would allow the project to proceed. It is imperative that we listen to the wisdom of the grassroots grandmothers regarding how to be stewards of this land, and we must be courageous enough to implement the solutions they offer. I urge you to suspend permits for the proposed Alton Ga project.

Economic prosperity that relies on pollution of First Nations lands and waters and on disregarding Indigenous rights is insufficient, and indeed fails those who have been historically marginalized and ignored by decision makers.

Thank you for your time and for your consideration.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Please do the right thing - say "no" to Northern Pulp  
**Date:** November 3, 2019 5:56:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Northern Pulp's poor record of managing the environmental risks of their operations gives me serious concerns that they will fail to meet their claimed environmental goals for this project.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

West Porters Lake  
Nova Scotia

**From:** [Boat Tours](#)  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp - please stop them!  
**Date:** November 3, 2019 1:52:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please do not allow Northern Pulp to continue with their Pipeline proposal. We value our clean water and our marine habitat in the Northumberland Strait.

Thank you,

--



Boat Tours,  
Mountain Vista Seaside Cottages

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp pipeline  
**Date:** November 3, 2019 12:32:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

This is to let you know that I oppose in the strongest possible terms the piping of effluent from the Northern Pulp plant in Pictou into the Northumberland Strait. It is time that this history of pollution stop. The Government of Nova Scotia could divert the substantial subsidies that it has provided to Northern Pulp, in its various iterations over the years, to developing a plant or industry that supports, rather than destroys, the environment.

In the midst of this climate crisis, it is inconceivable that our governments continue to support the industries that have contributed to the current emergency. If we are to turn this crisis around we need to begin to act now on all fronts and this is definitely one of them.

Please do not allow this pipeline to be built. Please force Northern Pulp to be environmentally responsible and clean up its own mess.

Thank you for your consideration of my concerns,

Oxford, Nova Scotia

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Pulp plant effluent  
**Date:** November 3, 2019 8:14:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Mr. Wilson,

When the pulp plant began operations in the 1960s, people of Nova Scotia were appalled at its toxic waste disposal practices. It was thought that the Dept. Of Environment was not doing its job. Maybe it was ignorant of the terrible environmental effects of the effluent.

Now, sixty years later, we are presented with so much good scientific information about the collective effects of human pollution on the earth that we cannot possibly plead ignorance.

You, as Minister of the Environment, must pay the leading role in stopping this.

Be brave, Minister, and do your duty to the people of Nova Scotia and the world.

Yours truly

Wolfville

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Don't Extend Northern Pulp  
**Date:** November 4, 2019 7:40:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister

I call on your government to respect the agreement in place to **end the present toxic effluent into Boat Harbour by no later than the end of January, 2020. Also DO NOT PUMP EFFLUENT INTO NORTHUMBERLAND STRAIT** as this will simply create more problems in future. NOW is the time to move to a more sustainable way of living in this province.

Respectfully,

Tatamagouche, NS

*I am grateful to live in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaw people.  
We are all Treaty People.*

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Sincerely,

Nine Mile River, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

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Sincerely,

Lantz, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

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Sincerely,

Head of Chezzetcook, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

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Nova Scotia Environment  
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Sincerely,

Lantz, NS



## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 1, 2019

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Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Lantz, NS



## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 1, 2019

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Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Lantz, NS |



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

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Sincerely,

Elmsdale, NS |



## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

Sincerely,

Kennetcook, NS E



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

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Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Kennetcook, NS |



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Sincerely,

Lantz, NS |



## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 1, 2019

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Nine Mile River, NS



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October 31, 2019

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Enfield, Nova Scotia, 1



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Chezzetcook, NS

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If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Middle Musquodoboit, NS

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Northern Pulp is critical to the health and stability of our Nova Scotia Forest Industry.

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Sackville, NS



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I am not in favour of giving Northern Pulp an extension and I feel the government should close Boat Harbour on January 31, 2020.

Sincerely,

Mill Village, NS



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Dutch Settlement  
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We need this extension to desperately happen to help keep jobs available to the public and some people may lack education and it could be perhaps extremely difficult for them (unless they went to upgrade their education skills) to find employment. We also need Northern Pulp to succeed in this endeavor to help the wood industry and all the goods that come out of the wood to help our economy.

Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment.

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Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

Sincerely,

Nine Mile River, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch

Attn: Honourable Gordon Wilson, Minister of Environment

Nova Scotia Environment

PO Box 442

Halifax, NS B3J 2P8

Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

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I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

Sincerely,

Walton, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Rawdon, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Shubenacadie, NS |



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
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Sincerely,

Elmsdale, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
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Sincerely,

Hardwoodlands, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch

Attn: Honourable Gordon Wilson, Minister of Environment

Nova Scotia Environment

PO Box 442

Halifax, NS B3J 2P8

Dear Minister Wilson:

I am not in favour of giving Northern Pulp an extension and I feel the government should close Boat Harbour on January 31, 2020.

Sincerely,

Elmsdale, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Dutch Settlement, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

Elmsdale, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

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PO Box 442

Halifax, NS B3J 2P8

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Sincerely,

Shubenacadie, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

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Sincerely,

NS L



## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



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Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment.

Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has concluded that it is unlikely that sediment will build up in either the near or far-field.

The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp.

Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

Sincerely,

Nine Mile River, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

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**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

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Jobs, livelihoods, and our economy depends on this company. The plant can stay open and continue to improve their processes and therefore, not affect jobs and economy while helping the environment. I have worked in forestry and have many family and friends who also work in the forest industry.

Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

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Sincerely,

Upper Nine Mile River, NS |

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Sincerely,

Elmsdale, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 1, 2019

Via fax: 902-424-6925

Environmental Assessment Branch

Attn: Honourable Gordon Wilson, Minister of Environment

Nova Scotia Environment

PO Box 442

Halifax, NS B3J 2P8



Dear Minister Wilson:

I am not in favour of giving Northern Pulp an extension and I feel the government should close Boat Harbour on January 31, 2020.

Sincerely,

Elmsdale, NS [

OCT 28, 2019.

To: Nova Scotia Environment  
Minister: Mr. Gordon Wilson.

My name is.

the beautiful Northumberland Strait and Braeshore area. Pictou  
Myself and wife were born & went to school and Graduated of  
Pictou Academy, one of the oldest schools of Nova Scotia. 1975.

I work as a fisherman from Caribou Wharf, first starting as a  
fish buyer in 1980's Clearwater & McCain's. Then as a fisherman's  
helper and since 2009 invested in my own licence and boat. Well  
over 40 years in the fish business, building boats, lobster, herring  
& scollops. Year's ago Ground fish was a big fishery, but you  
know what happened, Shutdown, no fish plants, jobs lost.  
Now the crab money is shared. What a change, with the blink  
of the eye.

Myself and wife Reject Proposal made by Northern Pulp.  
A full Environment Assessment should have been done  
5 years ago at the announcement of closure of Boat Harbour.  
How many leaks have occurred without public knowledge.  
So many errors and problems, missing data, inaccurate  
information and not enough information.

How does NP come to conclusions stated. Will NP accept  
responsibility for what they will do to the Eco System of the  
Northumberland Strait, so far not once they have answered this  
question. If so will Nova Scotia government take responsibility  
Think of it. No fishing, No swimming, No tourists, loss creditatints  
on lobster Industry. They know what area and what fishermen  
have caught the lobster, herring and Scollops. 50 years is  
enough for the public to breath toxic smog, clearcutting our  
forests, Killing Boat Harbour and Pictou Landing's Peoples.  
No more lies. No Pipe in the Strait & No Expansion of Boat Harbour



Pictou NS

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:02:46 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I would like to take this opportunity to show my complete support for Northern Pulps proposed state-of-the-art wastewater treatment facility. This project, if approved, will reduce Northern Pulps environmental footprint, will help create more jobs as well as sustaining the jobs already here, will deliver significant economic benefits locally and especially provincially and ensures the continued operation of Northern Pulp. A very important part of this whole project will be that the forestry and fishing industries will co-exist and be able to thrive as well for years to come. With such an emphasis being placed on climate change, Northern Pulp has taken great strides the past several years to help in this cause, with projects like their new precipitator and this new proposed wastewater treatment system as just a couple of examples. The lengthy, extensive, and scientific, fact based Focus Report shows that Northern Pulp is committed to doing things right and investing in the province of Nova Scotia. As you will notice in Northern Pulps EA Submission and Focus Report, consultation from professional engineers and environmental experts provided their knowledge and expertise for this project. Please, trust the sources that are accurate and honest, not the ones that are false and misleading. I am asking you, on behalf of not only the hundred of direct jobs, but also the thousands of indirect jobs to approve this industry leading wastewater treatment facility.

Thank you Name:

@hotmail.com Address:

Municipality: westville Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 50 y: 26

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:46:34 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a resident of Antigonish N.S. I revived the information on the replacement of the effluent treatment facility and feel that this is a environmental improvement and should proceed. Name:

@yahoo.ca Address: Municipality: Antigonish  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 48 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:51:46 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project. Name:

@gmail.com Address: Municipality: Fall River  
Postal-Code: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 45 y: 26

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:51:36 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please Respect the agreement to end pumping poison into Boat Harbour by the end of January, 2020. Also, it is totally unacceptable to built a pipeline through the Pictou community watershed to pump the poison into Northumberland Strait. Name: @gmail.com Address:  
Municipality: Tatamagouche Postal-Code:  
Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 47 y: 27

**From:** [@aero.bombardier.com](mailto:@aero.bombardier.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:57:27 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Canada is a world-leader in forestry regulations and enforcement. This new effluent treatment facility balances economic development with environmental protection. Based on the Science this project should be approved. It will provide good-paying jobs for Nova Scotians. Name:  
Email: @aero.bombardier.com Address:  
Municipality: Mississauga Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 67 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:04:12 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I beleive this is a great solution to a long outstanding problem. Kudos to Northern Pulp for a great solution that helps everyone. Name: @gmail.com Address:

Municipality: Middlewood Postal-Code:

Fax: ###

### - #### email\_message: Privacy-Statement: agree x: 64 y: 21

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:08:53 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please protect the environment and the people who depend on it such as fishers and the tourism industry. Name: @eastlink.ca Address: Municipality: Dartmouth  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 78 y: 26

**From:** [gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:13:52 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not support this project continuing to negatively affect the surrounding environment and its citizens Name: gmail.com Address: Municipality: Postal-Code: Phone: ###  
### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 75 y: 26

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [fultontrucking@hotmail.com](mailto:fultontrucking@hotmail.com)  
**Subject:** Northern Pulp Focus Report  
**Date:** November 4, 2019 8:15:15 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Environment Assessment public submission

My opinion is this is a disaster in the making to spew waste water from Northern Pulp into the local straight:

What we know from the history of this plant:

1 ) 50 plus years ago the mill said the waste water was drinkable

We now have one of the most toxic polluted sites on the planet

The current government claims it will clean-up this mess at the taxpayer expense. the price tag on this will exceed estimates by

100's of millions until we admit it can not even be done.

2 ) Paper excellence have stated their environmental record is superior and above industry standards.

Current issue of Atlantic Forestry lists numerous convictions the British Columbia plant has for killing fish, Etc,Etc. One fine was \$900,000.00 recently.

3 ) The mill has had numerous breaks in the pipe crossing to Boat Harbor. Some of these went unnoticed for days.

4 ) The mill produces toxic waste; this never appears to be dealt with on why it won't be put into the water knowing it is going to be part of the discharge

5 ) A picture of buoy location taken early in the 2019 lobster season missed all the buoys of more than 25 fishermen. This could only be possible by photo cropping the aerial photos

6 ) It is stated that the proposed location of the pipe and the diffusion of the waste is not a fishing zone. I personally know fishermen who set traps for lobster, fish herring, tuna in the area. And the bottom is so rich in sea-life that no one drags that area for scallops. This are will get a huge trench kilometers long and wide where the waste is discharged.

7 ) They say "trust us"- We did, look at the mess: polluted water and land, toxic emissions, destruction of our forests, ruined bridges and roads. Now trust this foreign corporation to protect our fishery, tourism, and ocean waters and rely on a study produced by them. Maybe we should remember "figures don't lie; but lairs figure "

Even if the claim of no damage or harm to the waters, the fishing industry and tourism were true or slightly believable it is the worst case of a foreign corporation putting the province at risk of another disaster far more reaching than boat harbor and once again expecting it will hold no liability and get governmental funding to pay both the costs of installing the disaster and being responsible for the results. The politicians from every party have been " played like a fiddle and beaten like a drum " so many times by the "mill" that it is

no wonder that Northern Pulp expect the insanity will continue. Are we really this stupid to even consider doing this ?

landowner and farmer

Bass River, N.S.



Virus-free. [www.avg.com](http://www.avg.com)

**From:** @unifor.org  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:47:12 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Although the historical owners of this plant have done nothing for the environment, creating the mess that is in place now, Paper Excellence, the owners since 2011 have made significant improvements, to the cost of millions. The company is ready to spend the extra \$130 million to place a state of the art effluent treatment plant to ensure the absolute minimum waste is released. The product produced here is some of the best and highest grade pulp available. While alternatives have been suggested, such as the implementation of a closed loop system, this is not an option to continue producing this product. To downgrade the mill and replace it with a lower grade of pulp would result in lost jobs, lost profits and significant harm to the sustainable forestry industry in Nova Scotia, as well as the rest of Atlantic Canada. Name:

@unifor.org Address: Municipality: St. Johns Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 55 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:51:04 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I encourage the present government to approve this upgrade of a water treatment plant for Northern Pulp...This Company has done many many improvements to this Plant. An extension on Boat Harbour would be also needed. Name: @hotmail.com

Address: Municipality: Stellarton Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 47 y:

19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:51:55 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: in support Name:  
Email: Municipality:  
LONDON Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 50 y: 26

**From:** [@brunswickvalley.ca](mailto:@brunswickvalley.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:55:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support an extension to the Boat Harbor act under the condition that Northern Pulp build the new treatment facility without delay Name: @brunswickvalley.ca Address:

unicipality: Fredericton Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 81 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:36:11 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: With so many recent closures of plants in Canada, as well as companies moving from Canada, it is more important than ever to save good paying jobs for Canadians. The Pictou mill in NS provides thousands of jobs and spin off jobs. The Environment is a top priority for the Forestry industry and millions of dollars have been spent to lower air and water emissions. The technology exists and Paper Excellence is prepared to spend the money required to bring the mill to environmental standards with the construction of the new treatment plant. We urge you to please allow the treatment plant to ensure the survival of this important asset to the Pictou community and protect jobs. Name: @gmail.com Address:

Municipality: Thunder Bay, ON Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 78 y: 24

**From:** @rogers.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:38:00 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Nova Scotia Government - it is time for this plant to close. We own a house near Sinclairs Island Beach and the plant has been polluting the area for too many years, and especially the First Nations land in Boat Harbour. The company that owns the mill has done nothing to improve its emissions. Please honour the date to close this toxic facility that is ruining a piece of Nova Scotia heaven. Name: @rogers.com Address:

Municipality: Trenton Postal-Code:

Fax: ### ##

- ##### email\_message: Privacy-Statement: agree x: 62 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:38:01 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp needs to make upgrades to protect the environment but it takes time. A reasonable timeline should be put in place. Things will always come up when working with a project like this but they should be monitored by the appropriate government bodies. Nova Scotia would suffer without the business of Northern Pulp, not just Pictou County. The money they put into the province is incredible. I do fear the snow ball effect of this issue is we do not work together to resolve.

Name: @gmail.com Address: Municipality: Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree  
x: 59 y: 17

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:41:11 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs  
forestry eastlink.ca Name: Email: @eastlink.ca  
Address: Municipality: Greenfield Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 17 y: 22

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:44:16 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs  
forestry Name: @eastlink.ca Address:  
Municipality: Greenfield Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 46 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:46:59 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs  
forestry Name: @gmail.com Address:  
Municipality: Greenfield Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 59 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:09:08 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am originally from Pictou County, and did a 4 year degree in Environmental Science and this makes me feel good that a proper solution for the effluent has been proposed. We should accept this proposal and extend the deadline so Northern Pulp can make this happen. Name: Email:  
@hotmail.com Address: Municipality: Pine Grove Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement:

agree x: 86 y: 24

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Focus Report  
**Date:** November 4, 2019 10:11:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

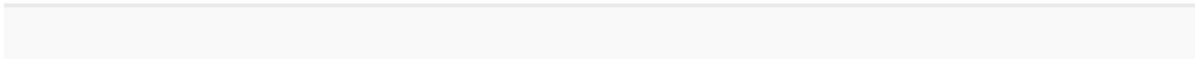
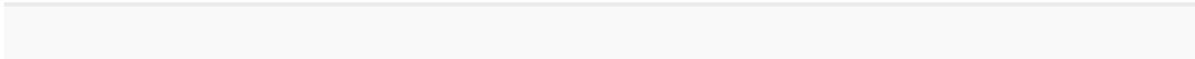
Hon. Gordon Wilson

The employees and community of Northern Nova Scotia depend on the work that the pulp mill has brought to Nova Scotia. Reading the report there seem to be some very good results from it.

Ocean water quality within 5 meters of the diffuser will meet Canadian marine guidelines.

Nova Scotia Needs Forestry. Northern Pulp has been a very responsible company. Treated wastewater from Northern Pulp has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated wastewater to a different location further out into the Strait. For 50 years, the fishing industry has successfully fished the Strait and last year lobster fishery has done very well.

Thank You



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:19:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Norther Pulp and Paper is owned by Paper Excellence Asian Pulp and Paper, an Indonesian company that makes TRILLIONS of dollars in revenue by exploiting land and people. They are profiting off of shitty deals made decades ago that lets them rape and pillage our lands and waters. Make them pay for the environmental cleanup. They have ridiculously deep pockets. Companies like these need to be held accountable. Why doesn't Nova Scotia become a world leader by investing in clean, green technology to impress the world. I would like to be proud of my home province, not ashamed of it. Please step up to the plate and do not let NPP get away with more generations of environmental destruction. Name: @gmail.com

Address: Dartmouth Municipality: Dartmouth Postal-Code: Fax:  
### ## - ##### email\_message: Privacy-Statement: agree x: 42 y: 14

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:20:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: No they should no longer be allowed to pollute the Northumberland strait. Even if science says it works accidents poor management and carelessness will happen. Once its gone its gone and a long road to recovery. Yes it may cost some jobs. In this day and age if they really want to they can probably find a better solution. They have sat on this a long time so they are not really interested in the environment or there impact on it. So no they should not be allowed and the deadline should stand. Name: @gmail.com Address:

Municipality: Lake killarney Postal-Code: Phone: ### ### - #####  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 32 y: 27

**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:22:57 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Basing the decision solely on science, I do not see how this project can be rejected. It is a proven facility all over the world. Northern Pulps effluent is not special and is common to other pulp mills in existence. Treated effluent has been going into the straight for 50 years, and with this new plan, the effluent will be of even better quality than it ever has been. To lose one of Pictou Countys largest industries would be detrimental to the area and the province as a whole. There is no reason to lose the mill based on environmental or socio-economic reasons as the science proves. The only reason this EA wouldnt be approved would be because of biased people making the decision that will not look at both sides and are solely out to have the mill shut down permanently at any cost. People like that are going to destroy our community, not environmentally responsible industries. Name: Email:

@northernpulp.com Address: Municipality: Stellarton  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 57 y: 21

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:24:03 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: After reading the focus report on the new treatment facility and pipeline it appears that all the issues have been addressed. The study says that there is no ice scour in the discharge area which was a big concern. The discharged waste water will be or - 1 degree of the water in the strait and will be dispersed within 5 meters. This is also very important and will not visible from the surface. It is nice to see they have up graded the pipe thickness and have a leak detection system included for the pipeline. I believe this report covers all the possible concerns and the science speaks for itself. I support this project moving ahead and believe an extension is needed to allow the mill to run while the new treatment facility is being built. I do not want to see thousands of jobs disappear. Name: @outlook.com Address:

Street Municipality: Trenton N.S. Postal-Code: Fax: ### ###  
- ##### email\_message: Privacy-Statement: agree x: 61 y: 25

**From:** @live.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:29:25 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a time for government to fulfill two obligations in one. To protect our environment and our ever eroding jobs Please replace the effluent system and eep our tax paying workers working Please Name:

Email: @live.com Address: Municipality:  
Petit de Grat n s Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 82 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:36:42 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support the building of the new effluent treatment facility at NorthernPulp. After reading the Focus Report submitted its is clearly founded that there will be no significant impact on the fishing industry. With the new diffuser water temperature will not be affected. Thicker pipe being used along with leak detection is a definite plus. Construction will have minor impacts on marine species and habitats. With third party environmental expert conclusions ocean water quality will meet Canadian marine guidelines within 5 meters of the diffuser. Therefore Iâ?Tve come to my conclusion and fully support this project for NorthernPulps new effluent treatment facility.

Name: @gmail.com Address: Municipality:  
Halifax Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 82 y: 19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:37:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Unifor Local 440 members at Northern Pulp in their a battle to get approval for a brand new, state-of-the-art effluent treatment facility to replace the current system in Boat Harbour, adjacent to Pictou Landing First Nation. Unifor firmly believes this new facility is the right project to support thousands of good jobs across the province, protect the environment, and respect First Nations. There are 88 other pulp and paper mills across Canada that coexist and support their communities. We know Northern Pulp can, too. I strongly urge you to support this effort.

Thank you for your time and consideration. Name:

Email:

@gmail.com Address:

Municipality: Guelph

Postal-Code:

Fax: ### ## - #### email\_message: Privacy-

Statement: agree x: 65 y: 22

**From:**

[Environment Assessment Web Account](#)

**Subject:**

Re the Replacement Effluent Treatment Facility Project proposed By Northern Pulp

**Date:**

November 4, 2019 10:38:08 AM

**Attachments:**

[letter to Gordon Wilson.docx](#)

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Dear Mr. Wilson,

Please find attached concerns I have addressed regarding the proposed Effluent Replacement Treatment Facility by Northern Pulp. I trust you will read and take into consideration these concerns when you make your decision.

Sincerely

Braeshore, Pictou County NS

To : Gordon Wilson  
Minister of Environment

From:  
Resident of Braeshore Pictou County, NS

Date: Nov. 4/19

Re: The Replacement Effluent Treatment Facility Project Proposed By Northern Pulp  
Nova Scotia Corporation

Dear Mr. Wilson,

I am writing as a very concerned citizen regarding this proposal. Although I am not a scientist there are things I do know. I have so many concerns that to try to address only a few is very difficult but I will try to address the ones that are the most alarming.

**1. Contamination of the Strait with toxic effluent:**

I know that the effluent coming out of the pulp mill is toxic with many cancer-causing chemicals. This is a fact. We have observed the effects of the effluent coming out of this Mill for over 50 years. We know what we see and we know what we smell. You just need to visit the Boat Harbour site to witness that. In the flow out to the Northumberland Strait from Boat Harbour it is evident there is contamination by the smell and the appearance of the surrounding area. How will the outflow at Caribou Harbour be any different? They may tell you the color will be less but that does not mean the effluent will be any less toxic. The impact on marine life will be disastrous. Adjacent to the outflow site is the Caribou Provincial Park used by many locals as well as tourists as a recreational camping, swimming and boating area. The tides will take this effluent into the shoreline along this beach area. This will effectively close this park to citizens for any type of recreational activity. Just down from the park is the Pictou Lodge Beach Resort. This resort will also be very negatively impacted by the contamination of this beach area. Would you want to come to a resort where the water adjacent to the resort was contaminated? The adjacent properties that also will be impacted by this effluent include Munroe Island (a wild life habitat) Pictou Island (home to citizens of the Island as well as seasonal people who have cottages there as well as visitors). This effluent will flow into the Strait at close proximity to these landmasses.

## **2. Probability of leaks or spills from the pipe:**

There is a high possibility of potential leaks or spills along this pipeline. Northern Pulp has a history of leaks and spills. One as early ago as Oct. 2018 which was detected by a passerby **NOT** their monitoring system. The mill is over 50 years old and many will tell you far beyond it's expected life span. Antiquated technology, deteriorating structure and corroding equipment can only lead to a failed system causing a catastrophic outcome.`` Any leaks along this long stretch of pipeline would be disastrous to any of the areas it passes through, certainly to the town of Pictou's watershed, which provides drinking water to the town. Out in the Northumberland Strait there is high likelihood of a break in the pipe due to ice scour and rough seas. Due to the shallow nature of the water in the area, disturbances in the seabed are likely to occur and cause movement of the pipe causing breakages in seals and joints. If a leak occurs the damage could be catastrophic affecting marine life as well as humans. The lucrative fishing industry would only need one report of contaminated fish or shellfish and the industry would collapse not only in Pictou County but also in other districts of the Northumberland Strait like PEI. NB.

## **3. Air Quality:**

The air quality in Pictou County has been a longstanding concern. Now there will be another layer of concern due to the fact the mill will be burning the biomass that is left over from the effluent settling tanks. This will most certainly cause an increase in smell as well as toxic gases. Although it has been requested that a study be done to determine the cause of the high rate of lung and other forms of cancer in the area, this has never been approved. Doctors in this area as well as Halifax have made a connection to the presence of a pulp mill and the high incidence of cancer and have often stated this. One of the first questions asked to a patient newly diagnosed with cancer is " Do you have a pulp mill in your area?" How many more years are we, as citizens of Pictou County, going to be exposed to these toxins?

## **4. Deforestation of our woodlands:**

Over the years our woodlands have been clear-cut and sprayed with chemicals to prevent other trees other than soft wood to grow. Due to this practice our woodlands now have no diversity of multiple types of trees. This means the animals that once lived there can no longer survive because their food source has been killed of and they no longer have the shelter of diverse growth. I recognize your experience in the forestry industry and know that you are very aware of this situation. Because of the experience you have I know you understand the implications of continued clear cutting. Looking at the map of Nova Scotia you can see the amount of clear cutting that has

occurred. If we do not stop this practice soon our forests and woodlands will be obsolete.

Mr. Wilson, I implore you to make the decision to NOT approve the proposal from Northern Pulp. The decision you make will impact the lives of many. We owe it to our children and their future to ensure we no longer chose profit and economic gain at the cost of our environment and their future. Your responsibility is just that. I recognize the pressure you will be under to approve this plan but I also recognize that when you assumed this responsibility and took this position you did so because you care about our environment.

I trust that you will take my concerns seriously and will make the decision that is best for our environment.

Respectfully yours

Braeshore, Pictou County  
NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:52:29 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe. No extension.  
Honour the date in the Boat Harbour Act. Name: Email:  
@gmail.com Address: Municipality: Halifax Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:  
33 y: 20

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:03:20 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive science-based studies and research done by world-class environmental experts conclude that this project can proceed with minimal and manageable environmental impacts. this project should proceed, based on the scientific evidence. Name: @eastlink.ca  
Address: Municipality: Truro Postal-Code: Phone: ### ### - #####  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 50 y: 24

**From:** [@ledwidelumber.com](mailto:@ledwidelumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:05:29 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think that Northern Pulp has done their due diligence with this project and that it should go forward. The studies have shown no significant impact on the environment and I dont believe there is any valid reason why it should not be approved. Name: Email:

@ledwidelumber.com Address:

Municipality: Elmsdale Postal-

Fax: ### ## - ##### email\_message: Privacy-Statement:

agree x: 42 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:06:39 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The province , Pictou County and the Forestry industry all depend on Northern Pulp not only for direct employment but the massive spin off with trucking , housing, fuel, food, proper forestry practices and so much more. With all the work that has been done and steps that have been taken to evaluate the situation and offer results and plans that would benefit everyone shows me that they are truly committed to the environment and industry that is our future. Name: Email:  
@gmail.com Address: Municipality: mt. William Postal-Code:  
Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 63  
y: 26

**From:** @jdirving.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:07:02 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp has used a significant amount of 3rd party, independent expertise to determine there will be no significant impacts to marine species important to local fisheries. Having the treatment facility right on the property certainly helps to ensure no untreated effluent will ever leave the site. Name: @jdirving.com Address:

Municipality: truro Postal-Code: Phone: Fax: email\_message: Privacy-Statement: agree x: 48 y: 15

**From:** [@unifor16.ca](mailto:@unifor16.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:13:16 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Save our resources and keep the valuable jobs in our home province, that drive our economy and put food on our tables. Name: @unifor16.ca Address:

On Municipality: Goderich Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 18 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:20:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a huge loss of not only employment but also a properly maintained forestry industry. I feel the only option is to move ahead with this properly managed project. Name: Email:

@gmail.com Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 66 y: 31

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's Replacement Effluent Treatment Facility Project  
**Date:** November 4, 2019 11:30:49 AM  
**Attachments:** [image001.png](#)  
[EA Letter.pdf](#)  
[NNS Intake Pipe.pdf](#)  
**Importance:** High

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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*Dear Minister:*

**Re: Northern Pulp's Replacement Effluent Treatment Facility Project**

*I am writing to you as a concerned citizen, a lobster fisherman and business North Nova Seafoods Ltd (NNS) a seafood processing plant located in Caribou I am concerned on a number of levels – for the community, the plant workers jobs, the fishermen and the direct effects on the plant operating processes.*

*This plant operates year-round processing a variety of species including Lobster, Snow Crab, Rock Crab, Jonah Crab, Shrimp, and Herring. Throughout the year the plant employs over 150 people here in Pictou County with direct wages paid out each year over three million dollars.*

*As part of the process here in the plant there is an intake pipe out in the harbour that takes water into the plant used during the cleaning process. The plant has many wells on site that are also used during the processing, but this is not enough water to support the plant. The intake pipe is necessary for the plant to operate. The water is tested regularly to ensure that it is cleared to use. This is a very sensitive issue as the plant is making a ready to eat product and there are obviously strict CFIA guidelines that are followed here. This intake pipe will be a mere few kilometers away from where the proposed effluent pipe is going. With a proposal to discharge 70-90 million litres of treated effluent from a bleached kraft mill every day this will obviously shut the plant down from using the intake pipe anymore for the necessary water to operate. I have included some pictures to give you an idea of exactly what we are looking at with the*

*pipes.*

*On top of the jobs that the plant provides it also supports hundreds of fishermen with T4's issued to them in the 10's of millions of dollars each year. NNS operates its own private wharf right here in Caribou in front of the processing plant. This wharf supports over 60 local fishermen. NNS then puts trucks on the roads all year long going to about 10 wharfs directly here in the Strait then over another 50 throughout NS from Cape Breton to Yarmouth and into PEI and NB. NNS and myself as a lobster fisherman is very concerned about the harm to fish and fish habitat that could result from Northern Pulp's proposal to discharge 70-90 million litres of treated effluent from a bleached kraft mill every day through a 10.5k pipe into the prime fishing grounds of the Northumberland Strait.*

*Thousands of families from all three provinces, including First Nation communities in those provinces, make their living from these fisheries. Many fishermen come from families which have fished for generations. They have made changes to help keep our waters clean, so that their children and grandchildren can fish also. Owner-operator fishermen are an important part of our regional economies. Fishermen generate many jobs in our communities. They buy their supplies locally, and they spend their profits locally.*

*I am also concerned about the continued health of the Northumberland Strait, which attracts thousands of tourists, visitors and summer residents who fish, dive, swim and boat in its beautiful waters. The Northumberland Strait is a key part of life and the economy of Pictou County and draws people to our area.*

*I am further concerned about the health of people living close to Northern Pulp. For decades air emissions from the mill have been a problem affecting residents' health and local businesses. Northern Pulp has frequently failed stack emission tests. The new treatment proposal would add additional air emissions to an already bad situation.*

*I believe this project requires a more rigorous review than it will receive from the province of Nova Scotia, which has decided to require only a Class 1, 50-day review, including only 30 days for public comment.*

*The government's past handling of effluent from this mill has resulted in one of the most contaminated sites in Canada, Boat Harbour. I want to see a strong, science based review of this project which will protect the present and future health of our Strait and the economy which depends on healthy waters.*

Sincerely,

Email - [@nnseafoods.ca](mailto:info@nnseafoods.ca)





Dear Minister:

**Re: Northern Pulp's Replacement Effluent Treatment Facility Project**

*I am writing to you as a concerned citizen, a lobster fisherman and business North Nova Seafoods Ltd (NNS) a seafood processing plant located in Caribou I am concerned on a number of levels – for the community, the plant workers jobs, the fishermen and the direct effects on the plant operating processes.*

*This plant operates year-round processing a variety of species including Lobster, Snow Crab, Rock Crab, Jonah Crab, Shrimp, and Herring. Throughout the year the plant employs over 150 people here in Pictou County with direct wages paid out each year over three million dollars.*

*As part of the process here in the plant there is an intake pipe out in the harbour that takes water into the plant used during the cleaning process. The plant has many wells on site that are also used during the processing, but this is not enough water to support the plant. The intake pipe is necessary for the plant to operate. The water is tested regularly to ensure that it is cleared to use. This is a very sensitive issue as the plant is making a ready to eat product and there are obviously strict CFIA guidelines that are followed here. This intake pipe will be a mere few kilometers away from where the proposed effluent pipe is going. With a proposal to discharge 70-90 million litres of treated effluent from a bleached kraft mill every day this will obviously shut the plant down from using the intake pipe anymore for the necessary water to operate. I have included some pictures to give you an idea of exactly what we are looking at with the pipes.*

*On top of the jobs that the plant provides it also supports hundreds of fishermen with T4's issued to them in the 10's of millions of dollars each year. NNS operates its own private wharf right here in Caribou in front of the processing plant. This wharf supports over 60 local fishermen. NNS then puts trucks on the roads all year long going to about 10 wharfs directly here in the Straight then over another 50 throughout NS from Cape Breton to Yarmouth and into PEI and NB. NNS and myself as a lobster fisherman is very concerned about the harm to fish and fish habitat that could result from Northern Pulp's proposal to discharge 70-90 million*



*litres of treated effluent from a bleached kraft mill every day through a 10.5k pipe into the prime fishing grounds of the Northumberland Strait.*

*Thousands of families from all three provinces, including First Nation communities in those provinces, make their living from these fisheries. Many fishermen come from families which have fished for generations. They have made changes to help keep our waters clean, so that their children and grandchildren can fish also. Owner-operator fishermen are an important part of our regional economies. Fishermen generate many jobs in our communities. They buy their supplies locally, and they spend their profits locally.*

*I am also concerned about the continued health of the Northumberland Strait, which attracts thousands of tourists, visitors and summer residents who fish, dive, swim and boat in its beautiful waters. The Northumberland Strait is a key part of life and the economy of Pictou County and draws people to our area.*

*I am further concerned about the health of people living close to Northern Pulp. For decades air emissions from the mill have been a problem affecting residents' health and local businesses. Northern Pulp has frequently failed stack emission tests. The new treatment proposal would add additional air emissions to an already bad situation.*

*I believe this project requires a more rigorous review than it will receive from the province of Nova Scotia, which has decided to require only a Class 1, 50-day review, including only 30 days for public comment.*

*The government's past handling of effluent from this mill has resulted in one of the most contaminated sites in Canada, Boat Harbour. I want to see a strong, science based review of this project which will protect the present and future health of our Strait and the economy which depends on healthy waters.*

*Sincerely,*



**From:** @NORTHERNPULP.COM  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:38:59 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report we submitted to Nova Scotia's Minister of Environment highlights that our proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name: Email:

@NORTHERNPULP.COM Address: Municipality: NEW GLASGOW

Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 59 y: 26

**From:** [@ledwidge@lumber.com](mailto:@ledwidge@lumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:41:25 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: After reviewing Northern Pulps Focus Report, I feel confident in the projects environmental integrity. The modern Activated sludge treatment system proposed is a proven technology coming from one of the leaders in treating Kraft pulp mill effluent. Not one, but two third-party consultants now state there is no significant impact on marine life in the Northumberland Strait because of this project. The proposed treatment facility on-site will be an improvement over todays off-site location which has been in use for over 50 years. The high density polyethylene pipeline sounds to be robust and will have extra precautions with leak detection to ensure its safety. I am confident in the new diffusion site for the effluent in the Northumberland strait as it appears to have excellent mixing conditions with a strong current and 20 metre deep waters. Ice scour looks to no longer be an issue and no fishing takes place in this area as there is very little marine life. I encourage the Department of Environment to approve the science provided with this project and its many studies. Many pulp mills exist around the world with similar operations and environmental integrity to provide us with the many paper products we use in our daily life. Lets ensure Nova Scotia stays open for business while following the best science out there to protect the environment. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@ledwidge@lumber.com Address: \_\_\_\_\_

Municipality: Enfield Postal-Code: \_\_\_\_\_

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 53

y: 27

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:42:49 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This plant is a major employer in the area - it absolutely must be kept open - the NS Gov needs to assist in any way they can to ensure the plant stays open Name: Email: Address: Municipality: Postal-Code: Phone: ## ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 39 y: 21

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:45:19 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report we submitted to Nova Scotia's Minister of Environment highlights that our proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name: Email:

@yahoo.ca Address: Foord St Municipality: Stellarton Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 73 y: 25

From: [@ns.aliantzinc.ca](mailto:@ns.aliantzinc.ca)  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 4, 2019 11:47:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 1. Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science. 2. Top on the minds of Canadians and folks all over the world is climate change. If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. 3. Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. 4. Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries. 5. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal. 6. I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together. 7. The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement. 8. Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has conclude that it is unlikely that sediment will build up in either the near or far-field. 9. The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp. 10. Northern Pulp generates 90 of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60 of its energy. 11. If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project. 12. Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98 steam. 13. Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record. Name: [@ns.aliantzinc.ca](mailto:@ns.aliantzinc.ca) Address:

Municipality: Enfield Postal-Code:  
email\_message: Privacy-Statement: agree x: 44 y: 30

Fax:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:47:38 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report that was submitted to Nova Scotia's Minister of Environment highlights that the proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name: Email:

@gmail.com Address: Municipality: Stellarton Postal-Code: Phone:  
### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 52 y: 25

**From:** @HOTMAIL.COM  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:48:49 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report that was submitted to Nova Scotia's Minister of Environment highlights that the proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name:

@HOTMAIL.COM Address: Municipality: Halifax Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 57 y: 35

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:49:20 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern Pulp passes the Environmental Assessment stage of this project, and is prepared to invest in a new effluent treatment facility, then the project should be permitted to, and given time to proceed. Does everyone not realize that this is not new effluent, but is already entering the Northumberland Strait now? Name: @gmail.com Address:  
Municipality: Lower Truro Postal-Code: Phone: Fax: ### ### - ####  
email\_message: Privacy-Statement: agree x: 64 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:49:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report that was submitted to Nova Scotia's Minister of Environment highlights that the proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name: Email:

@gmail.com Address: Municipality: Halifax Postal-Code: hone: ###  
### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 64 y: 27

**From:** [@keewatinair.ca](mailto:@keewatinair.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:50:26 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report that was submitted to Nova Scotia's Minister of Environment highlights that the proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name: Email:

@keewatinair.ca Address: Municipality: Halifax Postal-Code: Phone: ###  
### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 55 y: 28

**From:** [@strongco.com](mailto:strongco.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:51:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement. Name:

Email: @strongco.com Address: , Moncton NB Municipality:  
Moncton Postal-Code: Phone: Fax: ### ### - #### email\_message:  
Privacy-Statement: agree x: 57 y: 13

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:51:47 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The extensive, scientific, fact-based Focus Report that was submitted to Nova Scotia's Minister of Environment highlights that the proposed wastewater treatment facility will be industry leading and significantly reduce our environmental footprint. In fact, Northern Pulp will be one of the most environmentally responsible mills in North America. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the community can begin to heal. Name: Email:

@yahoo.ca Address: Municipality: Halifax Postal-Code: Phone: ### ### -  
##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 26 y: 20

**From:** @web.de  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:53:12 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the Effluent Treatment Facility Project and I support extending the Boat Harbour Act to allow sufficient time for Paper Excellence to complete this project. This mill is important to rural jobs across our province. Name: @web.de Address:  
Municipality: Halifax , NS Postal-Code: Phone: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 56 y: 21

From: @ .ca  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 4, 2019 11:53:38 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Position paper on Boat Harbour, I have prepared this document to provide my interpretation of the science surrounding the pending decision regarding the Northern Pulp effluent treatment facility. I'm motivated to comment because I have several friends on both sides of the debate, and am increasingly disturbed by the misrepresentation and misinformation of the science surrounding the situation, especially as it pertains to the toxicity of treated pulp and paper effluent. The mainstream media have polarized the debate as a choice between forestry and fisheries, partly because this is much better in terms of viewers, readers, and hits. In fact, I firmly believe both industries could continue to coexist and be important economic drivers, as they have done for decades in the area. I am presently retired from teaching at but have a position as . I receive funding from to carry out research related to the cleanup of Boat Harbour. I also sit on . I am , and had NSERC supported research programs involving coastal and estuarine invertebrates, specifically lobster including juvenile and sub-adult stages, green crab, and bay scallop. In my post-doctoral research prior to my arrival at , I worked on a DFO-Green Plan research project that tested the impact of pulp and paper mills including the mill at Pictou on estuarine organisms. My doctoral research centered on the behavioural ecology of larval marine fish. So, in my professional career, I have been actively involved with many aspects germane to the present discussion. Back in the spring, I did prepare a short video that makes the case that if and it is a very significant if the effluent from a new effluent treatment facility was treated to the same level as is the case today, it could be released via the proposed pipeline/diffuser system with no significant impact on local or farfield fisheries. I didn't post the video, but did share it with senior NS Lands representatives on the committee, and they felt its release would not reflect well on the recent NS DOE decision to require further information/study with respect to the effect of pulp and paper effluent on fisheries and coastal ecosystems. Consequently, I have not posted the video. I am attempting to include a compressed version of this video with this position paper. Summary of position: If future Northern Pulp effluent is treated to the same level as it is at present, there is considerable evidence, both scientific and otherwise, that it could be released via the proposed pipeline/diffuser system with no significant impact on proximate or farfield fisheries, or on the receiving coastal ecosystem. Reasons to be explained below: Present day Northern Pulp treated effluent is not acutely toxic o It has passed virtually all toxicity tests administered since 1992 o It has not only passed these tests, but test organisms rarely if ever have any mortality from prolonged exposure to 100 treated effluent o There are different species of fish, amphibians, and aquatic insects living in Boat Harbour, in 100 treated effluent o The 2016 EEM program, which includes comprehensive sampling in the receiving environment, showed very minor differences compared to samples collected at two non-industrialized reference sites Present day Northern Pulp treated effluent is not adversely affecting the lobster fishery in the receiving environment o The lobster fishery is doing very well in the receiving area, with catches similar or better than areas east and west o Lobsters can be caught in very close

proximity to the outfall itself o Diving in the area of the outfall in fall of 2018 found very large numbers of lobsters o A recent study that measured contaminants in lobsters showed no higher contaminant load in lobsters from Pictou Road compared to two reference sites o All of this despite the fact that the present method of effluent release is probably the worst possible with respect to promoting mixing of treated effluent with receiving water

In the following section, I will expand on each of the listed reasons: Present day treated NP effluent is not acutely toxic: Toxicity tests As per the most recent pulp and paper effluent regulations PPER that came into effect in 1992, Northern Pulp treated effluent has been tested using the 96 hour rainbow trout toxicity test and the 48 hour Daphnia toxicity test. The results since the mill took over the operation of the effluent treatment facility in 1995 are listed in the 2016 EEM document. The rainbow trout test is done monthly, and in the nearly 300 tests carried out since 1995, the mill failed one test 80 mortality in January 7 2014, coincident with a prolonged power outage and partial mill slowdown. One week later there was no mortality. In addition, although the effluent can pass the test with 40 mortality, of NP has communicated to me that the treated effluent rarely has any mortality at all, with an average of 1-2 fish dying every two years, which would be approximately 1. So, rainbow trout can survive a four day exposure to 100 treated effluent, with virtually no mortality. To encounter that concentration of effluent in the proposed system, the trout would have to be living in the effluent pipe. Perhaps more relevant to the considerations for the lobster fishery is the Daphnia test. Daphnia are cladocerans, which are crustaceans. These tests are carried out weekly, with greater than 50 mortality indicating a failed test. Since 1995, including more than 1200 tests, the treated NP effluent has not failed a single daphnia toxicity test. What is more, similar to the rainbow trout test, it is rare to have any mortality in these tests at all, with an average of 5-6 mortalities per year, out of 52 tests. So at least for this freshwater crustacean, the treated NP effluent is not acutely toxic. While discussing toxicity tests, there are also sub-lethal tests performed as part of the Environmental Effects Monitoring EEM program, last completed in 2016. These tests use fertilization rate in a sea urchin, and reproductive growth in a species of red algae. In both tests, various dilutions of treated effluent are used to determine the concentration that results in a 25 decrease in the measured endpoint. In 2016, a concentration of 2.44 effluent was determined to cause the required decrease in sea urchin fertilization, and a concentration of 0.62 effluent caused the required reduction in growth of the red alga. These values are noted as requiring further attention in the next EEM cycle, but for the moment it is useful to place some context on the results. In both cases, the testing laboratory that performs these tests for many mills across Canada indicate that they suspect the dark colour of the treated NP effluent likely contributes significantly to the results. Furthermore, in the case of the red alga test, a three day static exposure to the concentration of effluent is used in the test. It is harder to envision a combination of wind and tide that would result in exposure to the required concentration for three days. I'm not discounting these results, it is correct that the next EEM cycle will continue to try to determine what aspect or component of the effluent leads to these low concentration effect levels. However, from a practical perspective, it is difficult to envision a scenario where there would be a significant or even measurable impact on biota in the field. The latest submission claims the 1 zone will be approximately 5 meters from the outflow. Present day treated NP effluent is not acutely toxic: organisms are living in Boat Harbour There is a common theme in the mainstream media, social media, and posted videos that there is nothing living in Boat Harbour, that it is an ecological wasteland. This is not true. The liquid portion of Boat Harbour is 100 treated NP effluent, diluted somewhat by incoming groundwater, and precipitation, both direct and via surface runoff. Very limited sampling in the fall of 2018, which consisted of one fyke net set overnight, and five or six beach seine hauls, yielded at least three species of fish: mummichogs, sticklebacks we did not examine to see if one or more stickleback species were present, and a tomcod. These are all

shown, captured live, in the accompanying video. The fact that these fish species are living in full strength treated NP effluent again supports the idea that this effluent is not acutely toxic. We also collected amphibians as large tadpoles, as well as aquatic insects, also shown in the video. Amphibians are established as being sensitive to environmental perturbations, yet they are living in near full strength treated NP effluent, and it's not uncommon to see frogs along the shore in the spring. What does this tell you about the toxicity of treated NP effluent? These organisms are living in near 100 treated NP effluent, but our zone of influence we are using for management purposes is 1 effluent. If fish and inverts can live in 100 effluent, is it reasonable to think that any effects would be seen even within the 1 zone? A group from Cape Breton University, headed up by \_\_\_\_\_, carried out more fish sampling in Boat Harbour this fall. They did not get as many fish, although they did record an additional species, the golden shiner. It is likely that Hurricane Dorian may have caused considerable fish mortality in Boat Harbour, as the storm would have re-suspended the unconsolidated contaminated layer throughout the water column, with accompanying clogging of gills and likely a precipitous drop in dissolved oxygen. Present day treated NP effluent is not acutely toxic: EEM program The EEM program was designed to measure impact of pulp and paper effluent on fish and fish habitat. For the Pictou mill, there has been 7 cycles of this testing, the most recent carried out in 2015, and reported in a 2016 report by the company EcoMetrix. I urge you to read the original report, as it provides a great deal of information about earlier cycles, results, trends, and so on. I've already spoken about the sub-lethal toxicity testing, but also want to mention an extensive benthic macroinvertebrate survey, as well as a fish survey. In both cases, samples are collected in the small section between the control structure at the mouth of Boat Harbour and the Northumberland Strait, or in the coastal region directly outside of Boat Harbour, and compared to samples collected in reference areas. During much of the falling tide cycle, the inner region is inundated with near full strength treated effluent. Some significant differences were found in parameters of the most common fish, the mummichog, specifically enlarged liver size in females, larger gonads in some fish from the exposure sites, larger size at age, etc. In my opinion, these differences are worthy of further investigation, but it would be a leap to say the mill effluent has negatively impacted the local fish population. In some cases, it could be argued the differences are positive, for example increased lipid levels indicative of more food availability. The results with the benthic macroinvertebrates also did not show any substantial differences in population makeup among the sites, and clearly no evidence of a consistent negative impact on benthic macroinvertebrates. So, in summary, after 25 years of exposure to very high concentrations of treated NP effluent, an exhaustive survey of the benthic community and resident fish populations did not show any clear negative impacts in the receiving environment. You could not design and carry out a set of experiments that would provide a fraction of the robust information that is available from simply examining the receiving environment. Here is the evidence. The NP effluent, treated to the level it is at present, does not have a significant impact on the receiving environment. And, it should be noted, the present method of releasing the effluent, where it essentially overflows the control structure and flows directly out along a stream into the Strait, is the worst possible scenario to promote mixing in the receiving environment, resulting in the inner estuary essentially filled with full strength effluent at some stages of the tide. The effluent has very low salinity, and is usually warmer than the receiving water. These two characteristics will result in the effluent staying near the surface, and in some combinations of wind and tide, can form a plume at the surface that can extend the 1 concentration to many km from the outfall. If ever there was a situation that should exacerbate the impact of the effluent, the present release method is it is true that a surface plume would reduce exposure of benthic organisms, but within the inner estuary, all organisms are exposed to near full strength effluent, and these invertebrate populations are not significantly impacted.

Any pipeline/diffuser release, at depth, would markedly improve the mixing dynamics, and drastically reduce the size of the 1 zone. Present day Northern Pulp treated effluent is not adversely affecting the lobster fishery in the receiving environment: The lobster fishery is doing very well in the receiving area, with catches similar or better than areas east and west. The plainest way to introduce this section is to say if treated NP effluent has any impact on the lobster population, someone forgot to tell the lobsters. In the summer of 2018, my Master's student and I collected adult, subadult, and juvenile lobsters from three sites: directly off the outfall in Pictou Road, approximately 15 km to the east at Big Island, and 45 km to the east in Ballantyne's cove. Adults and subadults were collected with commercial fishermen, juveniles obtained by diving. A full day on three different boats allowed a lot of discussion of catches up and down the shore. Catches in the Pictou Road area were very good the highest of the three boats we were on, and conversations with the captain indicated that their catches were usually as good or better than fisheries east and west of the area. So, at least anecdotally from the fishermen of the area, there is no impact of the outfall on lobster catches. You'd think it would be easy to compare lobster catches from the area that presently receives treated effluent to the areas to the west ie, upstream, or well to the east. In fact it's pretty complicated. Landings are grouped into lobster fishing areas LFAs, and the area of interest is in LFA 26A, and stretches all the way from Amherst in the west to the bottom of Cape Breton in the east! There is a sub-area called 26ANS, but even it includes the area from Pictou island to Auld's cove, so it's too big as well. There's another complication with minimum size limits, as they are even different within 26A. So, you can have two fishermen hauling traps within sight of each other, and one will be keeping 1/10 lobsters, while the other is keeping 4/10 lobsters. This results in huge differences in landings, even though catch may be similar. A further complication is that fishermen land their catch at different ports, for example the fisherman we sampled with from the Pictou Road area lands his catch at Caribou, which would be considered west of the outfall. So one can look at the stock status reports for the relevant lobster fishing areas, and these do not show any obvious differences between areas, but there is not sufficient resolution to really ask the question accurately. It is possible that DFO has individual fisherman logbook or observer data that could be used to answer this question. Certainly, DFO could design a log-book and observer program that would definitely answer the question of whether or not the catches in the receiving area are significantly different than from areas upstream to the west or well downstream far to the east of the receiving area, and this is certainly something that should be implemented if the new treatment plant and pipeline system is put in place. It is unfortunate that this study has not already been done. Finally, although the data may not exist to test for differences in catch, I would argue that the fishermen who fish in the outfall area are very aware of how their catches stack up against areas to the west and east. If these fishermen had consistently been landing smaller catches, they would have complained publically. Modern fishermen are well organized, and the associations to which they belong are not shy to bring grievances to the public. Even though fishermen's organizations are all opposed to the new pipeline, it is telling that they have not tried to make the case that fishermen from the receiving area have had catches compromised. The fisherman we sampled with who fishes directly in the outfall area reported that his catches were very good in 2019, and in fact the day we accompanied him, in late July, he landed over 1300 lbs. The fisherman from Big Island, considered moderate distance from the receiving area, caught a similar number of lobsters, but most were thrown back because of a larger minimum size. Present day Northern Pulp treated effluent is not adversely affecting the lobster fishery in the receiving environment: Lobsters can be caught in very close proximity to the outfall itself. When we communicated to the fisherman from Pictou Road area that we required lobsters from as close as possible to the outfall, he hauled a few sets of traps first thing, rebaited them, and set them in very close

proximity to the outfall. We then hauled and processed the rest of his traps, which took several hours, and eventually returned to these traps at the end of the day. After a five hour soak, these traps were full, with multiple lobsters in each trap, and we were able to obtain out sample of adults and subadults from these lobsters. The fisherman did communicate to us that early in the season he does fish a lot of traps very close to the outfall, and catches are good. We could see the plume of the effluent in the area, as it was a relatively calm day. Present day Northern Pulp treated effluent is not adversely affecting the lobster fishery in the receiving environment: Diving in the area of the outfall in fall of 2018 found very large numbers of lobsters. Because we required juvenile lobsters for our study, we had to dive for them. The dives were carried out by \_\_\_\_\_, who has extensive diving experience on both coasts. Because of the necessity to have shore access, the dives were carried out approximately 1 km to the east of the outfall, but well within the area affected by the effluent plume.

\_\_\_\_\_ reported that he had never seen so many large adult lobsters in a location as he observed in these dives. A recent study that measured contaminants in lobsters showed no higher contaminant load in lobsters from Pictou Road compared to two reference sites. This study, which used an accredited lab for the analysis, found that there was no significant difference in contaminant loading between lobsters caught from the outfall area, versus those caught off Big Island 20 km to east and Ballantynes Cove 65 km to the east. Again, you couldn't design and carry out a more robust and ecologically relevant experiment in the lab than exposing lobsters to treated effluent for the last 50 years, and yet the lobsters have no difference in contaminant load compared to reference sites. So this study has answered the question of whether treated effluent will negatively affect lobsters in a receiving environment, and the answer to this is that there will be no measurable effect. Again, as I have throughout this document, this presupposes that the effluent in the future will be treated to the same level as it is today. A final report from this study is available from NS Lands, it is entitled: American lobster *Homarus americanus* tissue sampling for trace metalloids and organic contaminants: baseline report for Boat Harbour remediation project. All of this despite the fact that the present method of effluent release is probably the worst possible with respect to promoting mixing of treated effluent with receiving water. If you wanted to design a method of releasing the treated effluent that would result in the worst possible mixing, the method that has been used for the last 50 years, and is still being used, would be a strong candidate. The effluent has much lower salinity than the receiving environment, and is usually warmer than the receiving environment. Both of these factors can result in a surface plume of effluent that mixes poorly with the receiving environment. Having the effluent released at depth, with multiple diffusers, will drastically improve the mixing and dilution of the effluent.

Conclusions: To conclude, I will repeat my initial statement, If future Northern Pulp effluent is treated to the same level as it is at present, there is considerable evidence, both scientific and otherwise, that it could be released via the proposed pipeline/diffuser system with no significant impact on proximate or farfield fisheries, or on the receiving coastal ecosystem. Perhaps the most important word in this statement is the first. The word "if" is very significant. The present day effluent is treated to a better degree, both in terms of BOD and suspended sediment, than is required by the PPER regulations. Everything I have claimed in this paper pre-supposes that the level of treatment is maintained. I do have a concern that the proposed effluent treatment facility could legally release treated effluent that has much higher levels of both BOD and TSS. The PPER regulations are currently being revised, so there is an opportunity to require Northern Pulp to treat future effluent to the same degree as it does at present. I feel that this should be incorporated in the approval for the new facility. I would also like to see total transparency with respect to routine measurement of effluent parameters, and results of toxicity tests. There is no reason this information cannot be made available to the public soon after it is collected. At the same time, there should be action levels of effluent

parameters identified, with a flow chart of action items established that would run the gamut from changing treatment components all the way through to mill shutdown. The public has the perception that once the facility is constructed, there will be little oversight, and no consequences if the facility does not meet the expected standards. I would also like to see some verification of the modelling predictions with respect to mixing, so actual testing in the field to measure the extent of the 1 zone, and degree of sediment deposition near and farfield from the diffuser field. Also, DFO should design and initiate a logbook and observer program to gather data on individual catches in the area, so they can statistically compare catches in and out of the influence zone. These recommendations may be perceived by Northern Pulp to be unfair and overly restrictive. I would argue that, rightly or wrongly, there is waning social license for the facility, and this climate calls for imagination, transparency, and innovation in monitoring and regulation. I sincerely believe that the new facility and pipeline system would have no significant impact on local fisheries of the estuarine ecosystem, if we can continue to treat effluent to the same extent as present day. This debate has pitted one industry against the other from the outset, yet all of the evidence indicates that the two can continue to co-exist. At the same time, it is clear that the closure of the mill will result in the loss of many jobs, an economic hit for Northern Nova Scotia, and severe economic hardship for many people directly and indirectly involved with the industry. There is no clear evidence that the new facility will result in significant impact on the fishery. I would be happy to provide further clarification or comment on this issue. Sincerely,

Antigonish, NS Name:

Municipality: Antigonish Postal-Code:

email\_message: Privacy-Statement: agree x: 54 y: 15

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**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:54:56 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Top on the minds of Canadians and folks all over the world is climate change. If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Name: Email: @mlb.ca Address: Municipality: Southamton Postal-Code: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 45 y: 14

**From:** [@barrettlumber.com](mailto:@barrettlumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:01:40 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp is faced with the possibility of shutting down and leaving the province. if this happens, most of the forest related operations will cease to exist. Northern Pulp has completed 28 studies and 19 focus reports in hopes of passing an environmental assessment. Northern Pulp has done their due diligence to determine the impact their new process will have on the environment. All data gathered as a result of these of the studies points to improved process. The science verifies this project will have very little impact on the environment. If the assessment passes an extension to the Boat Harbour Act will be required in order to complete the construction of the new \$130,000,000 treatment facility. Before making a decision, Government needs to determine what are the possible economic consequences of Northern Pulp closing down and more importantly subsequent economic consequences on all other forest related operations. Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal. Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record. Name: @barrettlumber.com Address:

Municipality: BEDFORD Postal-Code: Phone:  
email\_message: Privacy-Statement: agree x: 50 y: 27

From: @gmail.com  
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Project: replacement\_effluent\_treatment\_facility\_project Comments: November 4, 2019 TO: Nova Scotia Environment Minister Gordon Wilson RE: Northern Pulp response to questions from the NS Government Department of Environment This is my second letter directed to the Nova Scotia Government on the issue of the effluent treatment plan of Northern Pulp. I have attached that letter below, which comments on the audacious initial plan from this private company. And even with this limited further study, we see that there would now be up to 7x more days/kilometer of construction 3-4 days to 21 days and 150 more dredging 13,500 cu m /km to 20,000 cu m/km. The first question asked by the Government, on behalf of the people of the province, is for a "new route", one that doesn't follow along the shoulder of Hwy 106. Yet, the route is not new, it is the same as before now, a proposed encroachment into the Pictou Harbour along the length of the Causeway. This adds additional marine disruption, and would affect a nesting area for a local cormorant population. The route veers further into drainage areas, natural open land, and important wetlands, and further development under Caribou Harbour. Many of the landowners are listed as unknown or undetermined. How can such a significant proposal be at this point and not have identified, and approached land owners that would be affected. The second question asks for a complete physical and chemical characterization of the raw effluent and the treated effluent. Yet, their response is an estimate, a guess. The Government asks for baseline studies on the water into which the effluent will go and data on potential contaminants. Basically, their report says, it should be better than current. Also, the Government has questioned potential impacts on the town of Pictou's water supply. I am not reassured that "a modern leak detection system" as strategy to mitigate effects on municipal and residential water wells is acceptable. No leak is acceptable. The route cannot traverse water supply sites. Impacts on fish "once again the company foresees no negative effect on fish or fish habitat. This cannot be believed. At the same time, the response admits to too many unknowns "the location of bedrock along submerged sections, and the impact of ice scour and ice floes along the Caribou Harbour route. The response does not definitively rule out blasting during construction "underwater blasting has been shown in many studies to significantly affect sea mammal communication systems, displace fish populations and massively kill off zooplankton. With respect to impacts on human health that must consider consumption of fish and other seafood, potentially contaminated drinking water, exposure to recreational water and sediment, air quality, and other potential exposures, the response has not provided reassuring data on this question. The project is now estimated to take 21 months. We can more realistically anticipate more than two years of severe disruption to the region, and during which time, Northern Pulp admits there would be increased atmospheric pollution. Yet, they also claim that there will be no residual effect on atmosphere, watershed, wetland and aquatic and wild life. Surely this is an impossible claim. I for one, as a retired scientist and physician oncologist do not believe that the proposal is yet established to be environmentally safe. Neither should you. As a basic premise, the NS Government, on behalf of the people, must heed the careful conclusions of Mr Lahey's Independent Review of Forest Practices in Nova Scotia. Yes, NS needs forestry, but practices and processing must change. I understand that the usual lifespan of a kraft paper

mill is 30-40 years, yet this mill is well beyond that span. The Nova Scotia Government/taxpayers cannot accept ongoing exorbitant payouts to this internationally-owned Indonesian company: these are a huge burden to Nova Scotians. It would be more palatable to assist directly in such programs as employment in the cleanup project, employee retraining, and pension securement. Sincerely,

BSc, MSc, MD

Feb, 2019 To: Our provincial government Re: Northern Pulp Replacement Effluent Treatment Facility Project Change is difficult. But this is exactly what both the Ivany Report 2014 and the Independent Review Lahey, 2018 challenge us to do within the forestry industry in Nova Scotia. Both emphasize the importance of biodiversity and the health of our forests. I am convinced that now, urgently, the forest industry in Nova Scotia must adopt practices to become eco-friendly and sustainable. Never has this been better illustrated than in the Northern Pulp NP proposal to run a 15.5 km pipeline for effluent in support of its current activities. Forestry practices that currently feed Northern Pulp are heavily reliant on clear cutting, and are decimating Acadian woodland biodiversity with monoculture replanting of short turnaround species. It has severely polluted Boat Harbour and environs, and there has been at least one significant effluent pipeline leak on land 47 million litres, June 9, 2014. A few kilometres of pipeline were incompetently maintained and monitored, yet now a line is proposed that traverses the Pictou Harbour Causeway, the Pictou town roundabout, the TransCanada Highway for several kilometres, and enters the harbour at the Ferry Terminal "a proud, major point of entry from PEI, and also of the Pictou Island Ferry. In the Executive Summary of The Northern Pulp Replacement Effluent Treatment Project report, Table E1.1.1, Northern Pulp anticipates NO SIGNIFICANT NS impact on each and every environmental and socio-economic metric, through every phase of the project, including accidents. This must be considered ludicrous conjecture. One example from the plan, the construction of a 4 km trench, 9 m wide and 3 m deep, would most certainly result in a SIGNIFICANT impact on the ocean floor. Construction activities and resulting sediment would have significant negative effects within Caribou Harbour and beyond. Then the introduction of 60-90 million liters of treated effluent each day would certainly have an effect on marine habitat, lobster larvae, lobster and herring. The Northumberland Strait waters source our "world famous" Nova Scotia lobster fisheries. Our north shore fishing community will be providing more educated, experienced input. But, in fact, the lobster fisheries of 3 maritime provinces share risk here. It is not reassuring to read the note in the NP report that "unlike the visual impact experienced today, it is anticipated *italics added* that the effluent plume will not be visible when it reaches the water's surface" Executive Summary. It is not the visual impact of the effluent which is the largest risk to the long term sustainability of the fishery. Further, there must be some doubt about whether a short term exposure test can predict the long term impact on this important fishery. Nova Scotia boasts of its Northumberland Shore with the "warmest waters north of the Carolinas". The site of effluent discharge would be into these waters and within sight of four islands, all of which are permanently or seasonally inhabited "Caribou Island, Caribou and Munroe Island Provincial Park, Pictou Island, and Prince Edward Island. Not only the commercial use, but the recreational use of effluent waters and the potential socio-economic impact on local residents and businesses gives pause. In Section 2.1.1.1, pg 8 of the report, Northern Pulp notes that they have achieved 80-99 reduction within the mill of "mill-wide particulate emissions, odorous emissions, and boiler particulate emissions", yet in spite of this, the residents of and visitors to Pictou and within many kilometres of the town still note skin, respiratory and sensory symptoms. The Canadian Environmental Law Association website defines the precautionary principle in environmental decision-making to "denote a duty to prevent harm, when it is possible to do so, even when all the evidence is not in" that is, even in the setting of simply, uncertainty, decisions should favour health and sustainability of

the environment. Thus, the NP effluent pipeline project must be refused: this is especially so, since there exists an alternative in-mill, closed-loop effluent treatment option. I believe that Pictou County can survive, and indeed thrive after a decision to deny the proposed effluent treatment plan, and could withstand a temporary downtime for the conversion to closed-loop system or even permanent closure of the mill. Michelin, Pictou County plant, recently announced that they are to make 200 part-time jobs permanent and will hire 150 more Chronicle Herald, October 23, 2018. People will be more likely to come and to stay - currently we have instances of folks leaving Pictou because of the blight of the mill on the landscape and on the senses. Visitor numbers to Pictou will be improved and local businesses will be able to reinvigorate. I also believe that the hardworking, innovative woodlot owners would also thrive when relieved of current constraints. Certainly, a Federal Environmental Assessment of the proposed effluent plan is required, but not only the water testing, but also of the potential impact of a leak along the full length of the proposed 15.5 km pipeline. Again, the larger issue to be addressed is how to better sustain the forestry industry in this province, to launch eco-friendly practices, with minimized impact on the environment, other industries fishery, tourism and small businesses, and importantly, on the health and wellbeing of the residents of Nova Scotia. With this effluent treatment pipeline proposal, Northern Pulp, a foreign-owned entity, has pitted the forestry industry against the regional fishery, local businesses and residents. In 2014, following the Ivany Report, a group met to continue the positive discussions and devised a vision for Pictou County: "In 2020, Pictou County will be healthy, united, thriving and bold." I support the Nova Scotia Government in upholding the January 31, 2020 date for closure of the Boat Harbour site, and encourage the immediate prioritization of working with the forestry industry to adopt sustainable practices with respect for environmental values and the health of Nova Scotians. Effluent into the Northumberland Strait via the proposed pipeline should not be part of that practice. Now is the time for strong Government action, and for change.

Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Municipality: Braeshore, NS Postal-  
@gmail.com Address: \_\_\_\_\_  
Code: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: ### ## - ##### email\_message: Privacy-  
Statement: agree x: 47 y: 22

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 2. Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Name: Email:

@hotmail.com Address: Municipality: Lantz Postal-Code:  
Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 37 y:  
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Project: replacement\_effluent\_treatment\_facility\_project Comments: The mill is key to the continued strong Forestry economy for the province so anything that jeopardizes that has to well worth the negative impact on the forest community. The science behind the project is strong so make it work. If the project doesnt go ahead I think there will be a lot of negative opinions in years to come on why the mill wasnt able to survive. It would be great if we didnt need industry or farming or fishing but we need it so we have to make it work when it makes sense and it makes sense. Name: [@seasidehighspeed.com](mailto:@seasidehighspeed.com)

Address: Municipality: beaver meadow Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 74 y: 22

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:22:50 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Enough with the environmental negligence and misuse. We are in a position now where we must do everything we can to protect and restore the biosphere, and what you wish to do is n It's high time you stopped. It's time to put the planet before profit! Our lives depend on it. Name:

Email: @outlook.com Address: Municipality:  
Dartmouth Postal-Code: Phone: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 49 y: 10

**From:** @sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:23:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Hi, Please act in good sense, just do it. Name: @sympatico.ca Address:

Municipality: Ste-Julie Postal-Code: Phone: ### ### - ##### Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 68 y: 18

**From:** @eastink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:25:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: There will be a high financial cost for closing the Plant. If the technology exists for proper water treatment, which Data shows it does. Lets get on with the project. Too much Governmental red tape already.

Name: @eastink.ca Address: Avonport  
Kings County N.S. Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ###  
- ##### email\_message: Privacy-Statement: agree x: 54 y: 21

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:27:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have been involved, either working at or watching, steady air and water improvements concerning the environment, for over fifty years at Northern Pulp Pictou Mill. I wish that all the naysayers would realize that what will be going into the Strait is first all treated at the mill site. Name: @bellaliant.net Address:  
Municipality: Pictou Postal-Code: Phone: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 58 y: 24

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:27:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We live our lives due to science we live longer and healthier than any generation before us. Science again. Believe what the scientist say in respect to pollution from this mill. It needs to stay open mainly because it enhances the lives of Nova Scotians. Name: Email:  
@ns.sympatico.ca Address: Municipality: Bedford Postal-Code:  
Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 68 y:  
30

**From:** @oregans.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:30:29 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern Pulp passes environmental assessment on this project, there is no reason for them not to proceed . Name:

Email: @oregans.com Address: Municipality:

Halifax Postal-Code: Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 54 y: 21

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:33:32 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the replacement of the effluent treatment facility at the Northern Pulp mill. It is a great improvement over the NS government owned facility that was operated for 50 years. The mill effluent discharged will be the same volume that has been discharged for these 50 years only treated to a higher degree. Name: Email: Address:  
Municipality: Enfield Postal-Code: Phone: Fax: Nil email\_message:  
Privacy-Statement: agree x: 40 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:37:25 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: There can be no pipe in the Northumberland Strait. Forestry practices have been terribly mismanaged and our fishery is far more important to our economy. We need to think of future generations and we all deserve the right to enjoy our beautiful coastline. Such a no brainer. Our health matters and should take precedence over corporate greed. Name: Email:

@gmail.com Address:

Municipality: Bay View Postal-

Code:

Fax: ### ### - ##### email\_message: Privacy-Statement:

agree x: 67 y: 39

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:39:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in support of Northern Pulp getting approval for a new state of the art effluent treatment facility. Like the other 88 pulp and paper mills who co-exist across this country this would do the same for Northern Pulp. The new treatment facility would meet the goal set out in the NSEA to balance economic development and environmental protection. Northern Pulp submitted a report that addressed every concern raised in initial public consultations. Please base your decision on the science provided, this closure will have detrimental ripple down affects on many other communities in our province and decimate the economies of some of our most vulnerable rural communities. Name: @gmail.com Address:

Municipality: Sydney Mines Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 57 y: 27

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:40:41 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I understand what a difficult position the government is in and I have done quite a lot of research in the past year on the topic. Although it is undeniable that the economy will be affected by the closure of the plant I believe there is no other option at this stage. Considering the plants bad history, the strong economy of the fishing industry and the environmental impact closure of the plant is inevitable. In todays day where the the importance of protecting the environment is stressed so strongly the public is keeping a close eye on what action the government takes. Will they follow talk with action or if they are like many past governments where they give in to large companys just to protect their pocket books. To put our Beautiful Nova Scotian waters at possible risk over the word of a foreign company that has no personal connection to our province is a scary thought. I stand with both the community and the fisherman that I am strongly against the pulp mill dumping into the straight. I will continue following this closely and have high hopes that the government will not disapoint this province by choosing the word of an over-seas company over our own land and the people they are suppose to represent. Name: Email: Address: Sackville NS Municipality: Postal-Code:

Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:  
67 y: 30

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:43:55 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: After having reviewed different parts of the focus report that I had interest in I believe the science is there for the project to be a success. I fully support this project and would like to see it go ahead and to have the extension needed to complete the project safely and correctly. Some of the science based information from the focus report that I was pleased to see were the concerns around the watershed area and the fact that the company will have an automated leak detection system installed in this area also that the high-density Polyethylene pipeline in the watershed area will be 0.5â? thicker than the rest of the pipeline for added protection of the watershed area. Northern Pulp will also be adding a spill basin to the project design which is considered industry best practice and will help to minimize upsets in effluent quality. Effluent from the new system will meet current regulations in every province of Canada as well as the more stringent federal pulp and paper limited being proposed. Again I fully support this project and all the science supporting the new Effluent Treatment Facility. Name:

Email: @hotmail.ca Address: Municipality: New Glasgow  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 69 y: 22

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:46:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian Marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this informaion, I believe this project will have little impact on the Strait and fisheries. Name: @hotmail.com  
Address: Municipality: Brookfield Postal-Code:  
Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 36 y: 17

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:52:54 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Growing up in queens co. I be always had forestry as the biggest part of my style . Fishing, hunting , hiking , working , self employed silviculture /small scale logging ,etc . A forest tech who choose a career in this field because it was a sustainable resource. My father a forest tech also, father-in-law logging contractor I believed it was a career my daughter could choose . Closing the np mill will put all this in jeopardy. A pulp market is needed for no-products to run a sawmill and to do proper silviculture treatment s to keep forestry sustainable. The treatment facility has passed all environmental studies put in its path and will continue to b improved. Please donâ?Tt make a bad discussion on uneducated statements made by a few with no science based complaints.

Name: @eastlink.ca Address: Municipality:  
Milton Postal-Code: Phone: ### ## - ##### Fax: ### ## - #####  
email\_message: Privacy-Statement: agree x: 88 y: 18

**From:** [@sunlife.com](mailto:@sunlife.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:53:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: If Norther Pulp passes the environmental Assessment, there is no reason why the project should not be approved!

Name: @sunlife.com Address: Municipality:

Enfield Postal-Code: Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 55 y: 20

**From:** [@sympatico.ca](mailto:@sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 12:54:16 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: This Project needs to move forward, for the sake of the community and the industry. It has been well planned and studied and the benefits to getting this done far outweigh the costs. This is an essential sector to keep in Nova Scotia, the economic benefits, and the ability to grow in the future depends on this important project. Name: @sympatico.ca Address:

Municipality: Kanata Postal-Code:

Fax: ###

### - ##### email\_message: Privacy-Statement: agree x: 58 y: 30

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:00:49 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: 1. Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science. Name: @eastlink.ca  
Address: Municipality: truro,n.s. Postal-Code: Phone: ### ### - ####  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 69 y: 34

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:09:03 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The County needs this mill and the province needs this Mill. Fix the wrongs from years past. Support the Industry and support the workers. Name: @hotmail.com

Address: Municipality: Port Hastings Postal-Code: Phone:  
### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

57 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:10:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Keep the mill open it puts people to work Name: @gmail.com Address:

Municipality: Antigonish Postal-Code: ### ## -

##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 62 y: 23

**From:** [@sweetspotchocolateshop.com](mailto:@sweetspotchocolateshop.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:11:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together. Name: @sweetspotchocolateshop.com

Address: Municipality: Nine Mile River Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 78 y: 15

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:12:21 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Hon. Gordon Wilson  
Minister of Environment Nova Scotia Environment PO Box 442 Halifax, NS B3J 2P8  
Northern Pulp has my full confidence in this project! There many types of effluent dumping  
into the Northumberland Strait, including effluent from Northern Pulp, which a great number  
of people fail to realize! To update and improve the quality of both effluent and the treatment  
facility can only be an improvement! The pipe itself will a greater thickness and has an  
improved joining proceed that is performed all over the world! The fact that only treated  
effluent will be travelling through this improved pipe proves its sustainability unquestionably!

Name: @hotmail.com Address: Municipality:  
Stellarton Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 42 y: 18

**From:** [@sweetspotchocolateshop.com](mailto:@sweetspotchocolateshop.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:14:16 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement. Name:

@sweetspotchocolateshop.com Address:

Municipality: Nine Mile River Postal-Code:

Fax: ### - #####

email\_message: Privacy-Statement: agree x: 64 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:15:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia can not afford to lose the pulp mill it affects so many people. We have to make this project work.

Name: @hotmail.com Address: Municipality: Great

Village Postal-Code: ## ### - ##### Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 61 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:24:14 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: UA 244 Support Name:  
@gmail.com Address:

Municipality: Antigonish Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 75 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:24:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Since I am a retired employee from the Mill, I am writing this letter for your support...I worked at the Mill for 36 years without any health issues. The Mill has provided our family with good pay wage and we were able to send two children to University without government assisted Loans and they Graduated and obtained good paying jobs...The benefit package gave us a good health plan and we did not depend on the Government for any assistance...These are things have to take into account if this Mill closes and leaves people without jobs....This will affect many families in this area....I say we have to do things in life....die and pay taxes and live and survive....I read the report on the new water treatment system the Mill is suggesting and they have met all the guide lines...it needs to be approved ....Do the right thing....Thank you Name:

Email: @hotmail.com Address:

Municipality: Stellarton, N. S. Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 55 y: 22

**From:** [@kelgreg.com](mailto:@kelgreg.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:29:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp. Northern Pulp generates 90 of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60 of its energy. Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has conclude that it is unlikely that sediment will build up in either the near or far-field. Name: Email:

@kelgreg.com Address:

Elmsdale Postal-Code:

agree x: 65 y: 25

Email:

Municipality:

Fax: email\_message: Privacy-Statement:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:37:04 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a proud citizen on Nova Scotia and an empathetic human being I completely appreciate the impact that the potential loss of this mill could have. It will bring hardship for some. But that can't be considered justification to compromise the ongoing and long term health of our waterways, fisheries and wildlife and the MANY MORE individuals locally and beyond who will be negatively impacted by the effluent of this mill in ways we can and cannot predict. We have to say no to this proposal. Name: @gmail.com Address:

Municipality: White Rock Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 57 y: 10

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:40:52 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Stop taking jobs away.

Name: @hotmail.com Address:

Municipality: New Waterford Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 83 y: 9

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:42:25 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing in support of the mill to remain itâ?Ts important for the local community I am a member of local 244 plumbers and pipe fitters Antigonish your truly Name: Email:  
Address: Municipality: Hopewell Ns Postal-Code: Phone:  
### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:  
65 y: 21

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Project  
**Date:** November 4, 2019 1:46:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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The proposed Northern Pulp waste water facility is a leader in the pulp mill industry.

A thicker than normal required pipe and an automatic leak detection system will be installed in the watershed area at Pictou.

There is no history of ice scour at the planned location of the diffuser port.

Northern Pulp's focus report indicates that the proposed project contains a spill basin component that is above and beyond regulated requirements for a project like this. It provides for a further layer of environmental protection built within the system.

Data in the report indicates no significant impact on marine species important to the fisheries.

I urge Hon. Gordon Wilson to approve the Environmental Assessment from Northern Pulp as a resident of Pictou County.

Regards

Sent from my iPad

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 1:48:48 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We support  
environmental forestry industry Name: @gmail.com Address:  
Municipality: Enfield Postal-Code: ### ## -  
##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 54 y: 24

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Pulp Mill  
**Date:** November 4, 2019 1:57:27 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Please, don't close the mill. We have family members who depend on jobs connected to the mill. We have kept alert to the plans the mill has to recycle healthy affluent and we're happy it won't harm fish or other coastal life. Please, extend the deadline for the new treatment plant as Nova Scotians can't afford to lose their lifeline to jobs and a healthy future living here. We pray you will support the future of the mill and our people. Thanks,  
Truro, N.S.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:00:15 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: For 50 years the fishing industry has successfully fished the Strait. Third party experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. A leak detection system along with a thicker than required pipe will be installed in the Pictou watershed area. This creates two extra levels of security. I totally support this project. Name:

@gmail.com Address:

Westville NS

Municipality: Westville Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 62 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:00:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I would like to see our govt support Northern Pulps Effluent Treatment Project not only because of the impact on our jobs and economy if they do not, but I would hope they look at the facts closely. Northern Pulp has brought in 3rd party experts to analyze data submitted by NP and these experts assure no significant adverse residual environmental impacts are predicted. Also the proposed project will have a spill basin that is above and beyond regulated requirements for a project of this size. How could you not support a project that is meeting and or exceeding all environmental safety criteria of the other 80 Kraft Mills currently operating in Canada with no environmental issues ? Name: @gmail.com Address: Central Onslow , NS Municipality: Central Onslow Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 44 y: 24

**From:** @me.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:02:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Paper Excellence has invested considerable money to upgrade and provide a mill that will respect the environment and provide good jobs to protect the local economy. When citizens have income to spend in their communities everybody wins. All information must be evaluated, there is updated science to support the environmental concerns and very real reasons to keep people employed and the local economy strong. Name: @me.com Address:

Municipality: Regina Sk Postal-Code:

Fax:

### ## - ##### email\_message: Privacy-Statement: agree x: 62 y: 14

**From:** [.sympatico.ca](mailto:..sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:08:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science. Top on the minds of Canadians and folks all over the world is climate change. If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Name: @nb.sympatico.ca Address:

Municipality: New Maryland Postal-Code: Phone: ### ## -  
##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 64 y: 34

**From:** [@LedwidgeLumber.com](mailto:@LedwidgeLumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:10:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry !!! Northern Pulp must continue to operate. When the state of the art wastewater treatment facility can open, NP environmental footprint will be significantly reduced. I am proud of NS forestry and the science behind it. Name: Email:  
@LedwidgeLumber.com Address: Enfield, NS  
Municipality: Enfield Postal-Code: Phone: Fax:  
email\_message: Privacy-Statement: agree x: 64 y: 25

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:16:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp. Name: Email:

@icloud.com Address: Municipality: New Maryland Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 62 y: 24

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:27:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Ive worked in the Forest Industry for the past 25 years. I feel this new effluent treatment facility will protect the environment and the fisheries, as it will meet all environmental regulations, as shown by the studies of the environmental assessment. Heres a couple of key factors which are extremely important to me from this assessment: Ocean water quality within 5 meters of the diffuser will meet marine guidelines. Within 5 meters of the diffuser, the difference between the treated wastewater and ocean temperature will be less than 1 degree. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. I support this Replacement Effluent Treatment Project submitted by Northern Pulp, as I feel it will protect the environment, fisheries and the forestry job which contribute to Nova Scotias economy. Thank you Name: Email:

@eastlink.ca Address: Greenfield Municipality: Nova Scotia Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 48 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:28:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp  
Name: Email: @hotmail.com Address: Municipality:  
Paqtnkek Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 98 y: 34

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:36:28 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need to keep the Northern Pulp company active to ensure Nova Scotia maintains the economy built through this company. Without Northern Pulp Nova Scotia will be devastated with the loss of jobs in the mill and in the forestry sector. And many businesses will not survive due to the lack of funds to support them. Please accept the proposal for the new pipeline. Name:

@hotmail.com Address:

Pictou, Nova Scotia

Municipality: Pictou Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 67 y: 27

**From:** @gnti.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:52:37 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: With all the tests done there should be no reason why the project cant move forward. Shutting down the mill site will have a major impact on all of the province. New business will not come to set up shop if there is no one working to purchase there goods! Name: @gnti.ca Address:  
Municipality: Upper Musquodoboit Postal-Code: Phone:  
### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 60 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 2:55:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Excellent opportunity created and maintain short and long term jobs. In a province with high unemployment in rural areas, this mill is one of the biggest employers outside of the HRM. Keep the mill. Keep some people working at home. #yepipe. Name: @gmail.com  
Address: Municipality: Frankville Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 91 y: 28

**From:** [@elmsdalelumber.ca](mailto:@elmsdalelumber.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:00:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in the science. The plant's effluent has been going into the Northumberland Strait for the over half a century. The lobster fishery seems to be better than ever. I think most people recognize that Boat Harbour should not have been placed where it is, and it is time to fix this. This should not mean, shutting down most of the forest industry in Nova Scotia. The plan should be to move the outflow to a different location and that is exactly the plan. The forest industry and the fishing industry have worked side by side ever since the first settlers arrived here in Nova Scotia. There is no reason why we can not continue to do so. The clean up of Boat Harbour is presently engaged in a federal environmental assessment and the Premier has said this will take a considerable amount of time. An extension to the Boat Harbour Act should not cause the eventual clean up to be delayed. We need to keep a watchful eye on our environment and at the same time we need to have a healthy economy. In conclusion, I believe in the conclusions reached by the third-party consultants hired by Northern Pulp. These consultants have excellent reputations and they have concluded the effluent system proposed by Northern Pulp will have little impact on the environment. With this in mind, I strongly urge the Premier and his government to extend the Boat Harbour Act to allow enough time to complete this valuable project. Name: Email:

@elmsdalelumber.ca Address:

Municipality: Elmsdale Postal-Code:

email\_message: Privacy-Statement: agree

x: 62 y: 29

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:05:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal. I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together. The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement. Name: @hotmail.com Address:

Municipality: Halifax Postal-Code: Fax:  
email\_message: Privacy-Statement: agree x: 45 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:09:22 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support the construction of the new effluent plant. Name: @gmail.com

Address: Municipality: Upper Stewiacke Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 52 y: 23

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:11:29 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: - Choose - Comments: Forestry is such a necessary resource both for employment and our environment. Name: @icloud.com Address:

Hubbards Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####

email\_message: x: 65 y: 23

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 4, 2019 3:14:16 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing in response to Northern Pulp's Focus Report on their proposed Effluent Treatment Facility. I am a mom, a life long resident of Pictou and involved in the fishing industry. I did not read the entire focus report but I did review the parts that I understand and know. Once again I feel much frustration and anger in the lack of work/studies done by Northern Pulp. They did not do what they were asked in the Terms of Reference provided to them by the Minister. They are still running the pipe down the 106 although it was stated by the government's chief engineer, Peter Hackett, that the transportation department did not want the pipeline along the highway. He stated, It's not just the shoulder of the road, it's the entire right of way. They choose not to listen, they choose to still run a pipeline carrying effluent across the Town of Pictou's watershed. They choose not to listen! They use many words like anticipated, likely, unlikely, words that do not describe certainty, words that make me very nervous and uneasy. They do not know the waters like the fishermen do, they do not know the behavior of lobster like the fishermen do, they do not know the tides, the bottom of the strait like the fishermen do. They base everything on modelling, there is no real science. They don't know what the noise from the diffuser will do to the lobsters, crab, herring, the ripple it will create under water. They do not know the behavior of lobster larvae. They use big words and fill thousands of pages to intimidate us but they have no plan. They don't even know where the pipe will enter Caribou Harbour. They have no plan!! If this pipeline is placed in the Caribou Harbour it will have devastating effects on the fishing industry. It does not matter how the effluent is treated. The temperature, the force, the discoloration, the presence of fresh water and the lack of oxygen in the water is enough to kill the fishery. The lobster will leave, the larvae will die, the lovely brown foam created will wash up on our beaches. Follow up monitoring, as discussed in the Focus Report, will be too late. If the Minister approves this report, although I do not believe that is possible, our government will be responsible for once again giving into a bully, a big corporation that does not care about the fishery, the watershed, the beaches, the health and wellbeing of the residents of Pictou County. They only care about the bottom line, the almighty dollar. They do not care! Northern Pulp had sufficient time, they did nothing. The mill is old, we have suffered enough. The time has come to move forward, to protect a thriving industry, to protect the people of Pictou County, to protect our environment. The time has come, we have suffered enough damage and if this pipe is approved, we will not be able to save the Northumberland Strait, we will not be able to bring back the fishery. It will be too late.

Name: @gmail.com Address:  
Municipality: Lyons Brook Postal-Code: Phone: ### ### - ##### Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 49 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:14:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need our pulp mill to keep our forest healthy Its a renewable resorce Name: Email:

@gmail.com Address: Municipality: Scotsburn Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 59 y: 30

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Focus report  
**Date:** November 4, 2019 3:15:31 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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As a retiree from Northern Pulp, I am very concerned for mine and hundreds of others who are collecting a pension from NPNS, as well as the thousands who will be affected directly and indirectly by a closure. We support the community economically, through volunteerism and many fund raisers for agencies such as United Way and our local Summer street.

The scientific studies have been completed with the utmost professionalism and extensive research by various agencies. The effect of the new 'treated effluent' will have very little impact on the ocean quality. For 50 years the fishing industry has flourished in the Strait.

Northern Pulp has studied and researched all the requirements set forth by the government and have meet all accepted guidelines. Science is fact.

Northern Pulp has proposed spending millions which will create employment immediately for the construction industry to start building the facility, and will keep thousands of men and women employed in the forestry sector. OR, the alternative.....Pay... Paper Excellence millions.

NOVA SCOTIA NEEDS FORESTRY....

Sent from my iPad

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:16:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Name: @gmail.com Address:  
street Municipality: dartmouth Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 73 y: 41

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:16:31 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: 1. If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project. Name:

@gmail.com Address: Municipality: Bedford Postal-

Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 76 y: 29

**From:** [@burmac.ca](mailto:@burmac.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:20:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and the Forest Industry. Name: @burmac.ca Address:

Municipality: Upper Stewiacke Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 55 y: 37

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:21:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp  
and the Forest Industry Name: Email: Address: Municipality: Upper  
Stewiacke Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 65 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:26:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: You and I and us can do better. Name: @gmail.com Address:

Municipality: New glasgow Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 76 y: 27

**From:** @eacantimber.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:30:21 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: If the independent consultants reveal Northern Pulp passes the environmental assessment, I support the replacement treatment facility and the cleansing of Boat Harbour. I feel Nova Scotia and all of Pictou County will benefit with a healthy relationship between its people and the many industries involved, including fishing and forestry. Name: Email:  
@eacantimber.ca Address: Municipality: Halifax Postal-  
Code: Fax: email\_message: Privacy-Statement: agree x: 78 y: 18

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:36:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please find a way to  
Make this happen Name: @hotmail.com Address:  
Municipality: West River Station Postal-Code: Phone: ### ### - ####  
Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 72 y: 25

**From:** @mta.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:49:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am encouraged by the due diligence of Northern Pulp to secure an environmentally conscious facility moving forward. The extensive studies that have been completed show a company committed to improving its environmental impact. The completed studies show minimal impact to marine species both during the construction period of the new discharge pipeline, and once the new EFT pipeline discharge area is operational. Additionally, using computer modelling, North Pulp has shown minimal residual effects in water quality from the outflow location of the pipe.

Name: @mta.ca Address: Municipality:  
Upper Malagash Postal-Code: Phone: ### ### - #### Fax: ### ### - ####  
email\_message: Privacy-Statement: agree x: 67 y: 18

**From:** [@strongco.com](mailto:@strongco.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 3:53:19 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: This the best option for the forestry in NS and land owners. Without this mill everyone in NS with suffer. Land owners will have no where to sell the logs and stud wood. Sawmill will have to close due to lack of round wood, and a place to sell the wood chips and shaving. Name:  
Email: [@strongco.com](mailto:@strongco.com) Address: Municipality: Truro Postal-Code:  
Phone: ###-###-#### Fax: ###-###-#### email\_message: Privacy-Statement:  
agree x: 44 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:05:40 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs Northern Pulp, to have a forestry industry. If northern pulp was to close thousands of jobs would be lost, the Nova Scotia economy would take a major decline. It would not just affect one mill, it would affect every sawmill in the province. Mill workers will lose their jobs along with harvester, truck drivers, road builders and many more. Without these jobs more people will be forced to move out of province to find work. Small rural communities will suffer the worst with many people depending on the forestry industry. Do Not Let Northern Pulp Close

Name: @gmail.com Address: Fax: ### ### - ####  
Municipality: Liverpool Postal-Code: email\_message: Privacy-Statement: agree x: 50 y: 15

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:12:14 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia is a beautiful province that is finally starting to offer young people employment here at home. If Northern Pulp wants to be a part of Nova Scotias economy it cannot be pumping chemicals into our ocean. There is too much potential downside. I have lived my entire life in Nova Scotia and I dont remember a time when we were not dealing with industrial contamination from the Tar Sands in Cape Breton to Northern Pulps boat harbour to the gold mine tailings being cleaned up now. Northern Pulp can choose to be a clean mill that benefits every aspect of Nova Scotia or close. It cannot be an indiscriminate polluter. Moving their contamination from Boat Harbour to the Northumberland Strait is not being clean. The risk of contamination would just be shifted from Northern Pulp to every resident of the north shore, every fisherman, every homeowner, every tourist, every person who visits for a beach. To my mind Northern Pulp must insure that any effluent be potable water, the strait is not a toxic waste site and cannot be allowed to deteriorate to that level. They must also provide regular publically accessible water quality testing to confirm that they are only putting water in the strait. There need to be assurances that they never open up the valve and allow effluent to flow untreated directly into the Straight backed up by very high fines and regular DOE record checking and water quality testing. Name: @eastlink.ca Address:  
Court Municipality: Dartmouth Postal-Code: Fax:  
email\_message: Privacy-Statement: agree x: 59 y: 15

**From:** [gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:21:56 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The new treatment facility should be allowed hands down to be constructed, paper excellence is making all the right steps in the right direction to be the most environmentally friendly craft pulp mill. And the new facility is proposed to be extremely more effective and efficient than the current boat harbour site. The new facility should be built and operational then boat harbour cleaned up.

Name: @gmail.com Address:

Municipality: Enfield NS Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 50 y: 18

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:25:47 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The new state of the art wastewater treatment facility will be the link that is needed to aid in the protection Of our environment. I feel that Northern Pulp is making a great effort to protect our future generations ability to keep the forestry industry alive in N.S. Name: Email:

@bellaliant.net Address: Municipality: Truro Postal-Code:

Fax: ### ## - #### email\_message: Privacy-Statement: agree x: 52

y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:36:56 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support this project

Name: \_@hotmail.com Address:

Municipality: Antigonish Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 94 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:39:04 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: After reviewing the report it appears northern pulp has met the standards for operating a pulp mill In the province of Nova Scotia and should be allowed to continue to operate. Name: Email:

@gmail.com Address:

Municipality: Valley Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 74 y: 25

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 4:40:30 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Im for the expansion, the mill has got my family through hard times as pictou county,i get seasonal work i require the mill to support my family Name: @hotmail.ca Address:  
Municipality: Pictou Postal-Code: Phone: ## ### - ##### Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 75 y: 32

**From:** [@royallepage.ca](mailto:@royallepage.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 5:07:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: My family has been in the forestry industry for almost 100 years. Im proud of the forestry industry! The Department of Environment and the forestry industry must work together to solve this complicated issue.

Northern Pulp cannot leave Nova Scotia! Name: [@royallepage.ca](mailto:@royallepage.ca)

Address: ROYAL LEPAGE ATLANTIC Municipality: Dutch Settlement

Postal-Code: Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 57 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 5:14:57 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: How can anyone truly agree that putting effluent in our Water and someone is saying it is safe? Even the folks that want to do it are saying that. Makes no sense. Please do respect the Environment. This is the Unceded Territory of the Miâ?Tcmaki. Their values and that means all of the people need more voice and say then any of us. Please ask the Grandmothers. Ask your future great grandchildren. Thank you for considering all of life and not just an industry. Name:

@gmail.com Address: Municipality: Windsor  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 51 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 5:46:44 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp and myself and a ton of people in my family, and friends would be out a job if it were to shut down, it would be absolutely stupid for it to close. It will not only effect the employees at the mill but everyone that trucks wood to the mill, and all the small mills around Pictou county. there would be a lot worse of an impact if it closes, than it would to stay open. NOVA SCOTIA NEEDS FORESTRY!!!!!!! Name: @hotmail.com  
Address: Municipality: Hillside Postal-Code: Phone: ### ### - ####  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 79 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 5:49:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: . Top on the minds of Canadians and folks all over the world is "climate change" . If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Name: Email:

@hotmail.com Address: Municipality: Nuttby Postal-Code:  
Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 57 y: 34

**From:** @unifor.org  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:00:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please consider an extension on the Treatment Facility. We need to act quickly on both the Environment and on jobs in the community. I understand the difficulty in the situation and how many are affected. The Indigenous, Fisheries and the community as a whole. We need to keep good jobs to keep the economy growing. Name: @unifor.org Address:

Municipality: Lockport MB Postal-Code: Phone: ### ### - ##### Fax: ### ###  
- ##### email\_message: Privacy-Statement: agree x: 52 y: 19

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:11:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: A healthy forest industry plays a vital role in climate change management. A strong forest economy also bring jobs and support communities. I support an approval of Northern Pulpâ?Ts Environmental Assessment.

Name: @hotmail.ca Address: Municipality:  
Laval Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 58 y: 28

**From:** @hotmaol.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:14:57 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp is very important to Nova Scotia economy. Environmental key points needs to be address and sorted out let them cleanup the mess and keep Nova Scotia family jobs. thanks

@hotmaol.com Address:

Municipality: liverpool

Postal-Code:

### - ##### Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 56 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:25:00 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This project needs to be built. For the environment and for the economy of Pictou county and Nova Scotia. We need the Northern pulp Mill to stay running. How many kids do you when see go hungry when the parents that work directly and indirectly for the northern pulp Mill are out of a job if it closes!!!!!! Get this project started ASAP!!!!!! Name: Email:  
@gmail.com Address: Pictou NS Municipality: Pictou Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 43 y: 23

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:40:22 PM

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Project: - Choose - Comments: I support Northern Pulp Name:                      Email: Address:  
                                 Municipality: Antigonish Postal-Code:                      Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 73 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 6:59:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am saying that the mill has been operating since 1967 and effluent has been going in to the straight,since that time and from what I hear the fishing has never been better, that being said they want to make it better and they supply thousands of jobs ,we need industry in this province it is worth investing in

Name: @hotmail.com Address: Municipality:  
Truro Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 81 y: 19

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:02:15 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: To Hon. Gordon Wilson, I encourage you to approve the ea for the replacement of Northern Pulps effluent treatment facility. When completed this will be a state of the art facility meeting or exceeding environmental standards. The report is a scientific fact based report showing that the forestry industry and the fishing industry can both thrive and co-exist. They have co-existed for the last 50 plus years. The effluent has always flowed in the Northumberland Strait. This is an improvement to the old system so that Boat Harbour can be brought back to its natural habitat. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. With this new facility Northern Pulp will be one of the most environmentally responsible mills in North America. I come from a community that had a such an industry close because of market conditions. An industry such as this closing would be disastrous to this community and the province as a whole. Again I ask you to approve the ea and allow them to run while the facility is being built. Thank You

@eastlink.ca Address:

Municipality: New Glasgow Postal-Code:

Fax: ### ## -

##### email\_message: Privacy-Statement: agree x: 63 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:02:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think the economic and forest management upsides outweigh the debatable environmental risks. These risks have received a lot of media attention and will be monitored. They have been given a lot of attention already. The province needs this corporate partner... Name: Email:  
@gmail.com Address: Municipality: Halifax Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

57 y: 24

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:11:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My family and friends support Northern Pulp, all employees and their families. Name: Email:  
Address: Municipality: River John Postal-Code:  
# ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 64 y: 29

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 4, 2019 7:13:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: 1. I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. 2. Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries. 3. When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal. 4. Northern Pulp generates 90 of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60 of its energy. 5. If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project. 6. Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98 steam. 7. Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record. 8. The economy and the environment must work together. Name: \_\_\_\_\_ Email: \_\_\_\_\_  
@gmail.com Address: \_\_\_\_\_ Municipality: Bible Hill Postal-Code: \_\_\_\_\_  
Phone: ###-###-#### Fax: ###-###-#### email\_message: Privacy-Statement: agree x: 65 y: 23

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:**  
**Subject:** A LEAK FROM EFFLUENT PIPE WILL CAUSE PICTOU TOWN RESIDENTS TO BE POISONED BY DRINKING CONTAMINATED WATER FROM THE EFFLUENT WASTE PIPE NEAR TOWN OF PICTOU AS PER PROPOSED PIPE ALONG HIGHWAY 106 TO CARIBOU!  
**Date:** November 4, 2019 7:15:15 PM  
**Attachments:** [AK FROM EFFLUENT PIPE PICTOU TOWN RESIDENTS WILL BE POISONED BY DRINKING CONTAMINATED WATER FROM THE CHEMICALS IN EFFLUENT.eml.msg](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien



Virus-free. [www.avg.com](http://www.avg.com)

**From:**

**To:** [Hon. Stephen McNeil](#); [Tim Houston](#); [Gary Burrill NDP Leader](#)

**Cc:**

**Subject:** Nine days left in public consultation on Northern Pulp focus report | Local | News | The News A LEAK FROM EFFLUENT PIPE PICTOU TOWN RESIDENTS WILL BE POISONED BY DRINKING CONTAMINATED WATER FROM THE CHEMICALS IN EFFLUENT

**Date:** November 4, 2019 12:07:19 PM

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Dear Honorable Premier Stephen McNeil, Honorable PC Leader Tim Houston, Honorable NDP Leader Gary Burrill: If Gordon Wilson, Nova Scotia's Honorable Minister of Environment should choose to approve the Mill New Pipe Proposal to Caribou Ferry infiltrating the Atlantic Ocean @ Northumberland Strait with over 1 Million liters of Effluent Waste containing Contaminants such as Mercury which is 60 Times "Higher than the Health Canada Recommendations" Since the Paper Excellence Mill's Pipe chooses to run the Effluent Waste Pipe along the Hwy.106 which is approximately from my family's residence on where we live with a Well on our property it is subjecting our family to Potential High Risk of The Mill's Effluent Pipe Leaking and Contaminating our well or clearly "Poisoning our water with the Contaminants from Effluent Waste of Over 1 Million Liters of Effluent from the Mill which empties into Northumberland Strait.

There are over 3,150 Residents within the Town of Pictou Not Accounting for the Caribou Residents living within Close Proximity to the Mill's Proposed Pipe Route to Northumberland Strait.

That does Not Take into Account the Northumberland Fishermen's Association who have depended for Centuries on the Fishing for Lobster, Herring and other Fish/Shellfish in Northumberland Strait!

The Choice is a difficult one for Our Honorable Premier Stephen McNeil of Nova Scotia and I respect the fact that Our Honorable Premier is a Sincere Man who Honors His Words and Commitment to Nova Scotians. I certainly sympathize with Our Honorable Premier Stephen McNeil as it is The Toughest Decision a Premier and Environment Minister will have to make!

Ultimately What Cost do Our Honorable Leaders Put on Human Life and the Livelihood of Many Nova Scotians. Also Take into Account the Pictou Mill Did Close for Several Years after Scott Paper, the Original Owners walked away before the Wadjaja Family of Paper Excellence Pulp Mills!

Finally, Nova Scotians are Footing the Bill to Pay for The Boat Harbor Cleanup and Can Nova Scotians Afford a Major Leak this time Affecting the Water of Thousands of Pictonians along with the Livelihood of Pictou/Caribou Fishermen who have Fished the Northumberland Strait for Generations!

The Cost and The Decision to Affect Life is Yours!

Thank You for Your Decision to Promote Life Always!

Sincerely,

[www.ngnews.ca/news/local/ten-days-left-in-public-consultation-on-northern-pulp-focus-report-369942/](http://www.ngnews.ca/news/local/ten-days-left-in-public-consultation-on-northern-pulp-focus-report-369942/)



Virus-free. [www.avg.com](http://www.avg.com)

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:22:15 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I vehemently oppose a pipe dumping toxic pulp mill effluent adjacent to Caribou Harbour or anywhere in the Northumberland Strait and Gulf of St Lawrence. In this day of scientific understanding I find it mind boggling that the potential for this pipe and dispersal of toxic effluent is even remotely being entertained. Allow such a pipe is nothing short of criminal. Name:

Email: @hotmail.com Address: Municipality: Plymouth Postal-Code:

Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 55 y: 28

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:24:43 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I worked at Bowater Mersey in the effluent plant. As far as I know we never had any issues with the treatment plant. I am sure the new system proposed for this plant would be better for the environment.

Name: @hotmail.com Address:

Municipality: Caledonia Postal-Code: Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 74 y: 27

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:25:19 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: this is a one way trip to disaster... After many years of Northern Pulp dumping their toxic waste into Boat Harbour, there can be NO doubt of the pollution, health concerns, aquatic life issues , drinking water and disregard for the Indigenous community of Boat Harbour. Asek . What are the future Guarentees that no more harm will come from this? There are NO guarentees... Do you really want to risk Nova Scotias furture? We need this stopped now for all our sake.... Msitnokamaq ALL My Relations... Welalin Name:                      Email:                      @ns.sympatico.ca  
Address:                      Municipality: Dartmouth Postal-Code:                      Phone:  
Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 59 y: 24

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:28:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Im sure with todays technology the system proposed will be clean and safe for the environment. Name:

@yahoo.com Address:

Municipality:

Caledonia Postal-Code:

Fax: ### ## - ##### email\_message:

Privacy-Statement: agree x: 58 y: 24

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:47:15 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This project has to stop completely, no more waste pumped i to the water by Northern Pulp and an immediate clean up and restoration of the environment. Put our money into clean energy projects. Name:

@eastlink.ca Address: Municipality: Greenwich  
Postal-Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-  
Statement: agree x: 56 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 7:55:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This plan looks like it would work for both forestry workers and the environmental side of things. Nova Scotia needs forestry. Name: Email: @hotmail.com Address:

: Liverpool Postal-Code:

Fax: ### ##

- ##### email\_message: Privacy-Statement: agree x: 73 y: 31

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:04:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This project plan looks to be a great way to keep the much needed northern pulp mill up and running and keeping the toxic waste clean for the environment. Name: Email:

@hotmail.com Address:

Municipality: Liverpool

Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 55 y: 16

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:13:23 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This plan looks great for both environment and the workers. Name: Email:

@hotmail.com Address:

Municipality: Liverpool

Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 64 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's proposed effluent treatment facility replacement  
**Date:** November 4, 2019 8:21:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

The Honourable Gordon Wilson  
Minister of Environment, Nova Scotia

Dear Minister Wilson,

I am writing concerning Northern Pulp's proposed effluent treatment facility replacement.

I have reviewed the report prepared by Dillon Consulting and find that it still does not address issues I had identified as areas of concern when the previous report was released. One of these is the effect of warming water on lobster larvae. Also, I believe the report is using outdated information in some sections, such as the location of wells currently being used to supply drinking water for the town of Pictou.

Reading this report is overwhelming for the average citizen and I would expect it is a difficult task for government employees as well. I feel it is extremely important to critically evaluate all the information presented here and that will definitely take time. I recommend that this project be reclassified for a Class 2 environmental assessment allowing the additional time that a project of this magnitude requires.

Sincerely,

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 4, 2019 8:25:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing to show that I am in support of the new state of the art treatment facility that Northern Pulp plans to build. My families lively hood depends on Northern Pulp staying open. It has been a huge topic between many of our family and friends. My husband is an employee there, and he is the one providing for our family. I am all for not causing harm to the waters, however after reading the focus report, it clearly shows that there will be no harm done. It shows that the project will have little impact on the straight and the fisheries. One of the main things I took from it, is that water quality within FIVE meters of the diffuser will meet Canadian Marine guidelines. The effluent has been pumped into the straight for 50 years already, and the fishing industry has always been able to successfully fish, some of the best places are close to where the outfall is right now from Northern Pulp. The report shows that there will be no significant impacts to the fisheries or the fish habitat. Northern Pulp plans on making this facility one of the cleanest mills in the country! One way to show that, is that the treated effluent will not be visible at the waters surface, which is even better then what we can say now, also that when construction is happening it will have only minor impacts on marine species and habitat. Putting the pipe into the straight is only a small thing we would be doing when you consider all the other construction that has occurred in our waters. When the PEI bridge was built, that also disrupted the marine life, and now it is thriving more then it ever was before, I know many fishermen that would say this is true. So it shows that the construction will not hurt the waters. Northern Pulp is willing to provide a thicker pipe then required for the job and place an automated leak detection system which will alert us if anything was going wrong. It shows that they are willing to reduce their environmental footprint, they want to provide good paying jobs and stay here in our community. They dont just create jobs they also do a lot for our community in terms of fundraising and helping us out in ways that help our community as well. They want the forestry and fishing industry to all co-exist with us, and they are trying everything they can do get it right. If Northern Pulp is to close, its not just our family that will be without a job, but also all the spin off jobs that come from Northern Pulp running, this is 1000's of jobs at stake. It will affect our county heavily but it will ALSO affect all of Nova Scotia as well. Trying to find a job in Pictou County will be hard but it doesnt seem appealing to even want to stay in Nova Scotia, so many of us will have to move else where. Please APPROVE the Environmental Assessment and allow Northern Pulp to build the new treatment facility and continue to bring good paying jobs and money here in Nova Scotia.

Thank you for your time. Name: @gmail.com Address:

Municipality: New Glasgow Postal-Code: Phone: Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 38 y: 28

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:30:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think that everything has been said by now, but I'll repeat my prior concerns. I have lived in Pictou my whole life and I've put up with the horrible stench and possible effects on my health from the mill because of the refrain of "jobs, jobs, jobs" and the "smell of money". No longer. I think we know better in this day and age that jobs have to be sustainable and environmentally friendly. Why do you think the fisheries have quotas? So it's sustainable for the future. This pipe puts the sustainable future of the fishery at risk. Of course, the environmental racism committed against Pictou Landing First Nation must end. Keep your word. As a resident of Pictou the route of this pipe is not acceptable to me. I think we've all heard of Flint, Michigan. They still do not have clean drinking water. Why would it be okay to have a pipe run effluent over our water shed? We will not be another Flint. Do the right thing. Close Boat Harbour on time. Don't create another environmental disaster. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@icloud.com Address: \_\_\_\_\_

Municipality: Pictou Postal-Code: \_\_\_\_\_

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x:

39 y: 30

**From:** [@iafltd.com](mailto:@iafltd.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:32:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: WE Need the forest industry Plain and simple what Northern pulp is offering to do is a lot more than most NS Companys are doing for our environment. Do Not let them leave! Name: Email:  
@iafltd.com Address: Fall River N.S. Municipality: Fall River  
Postal-Code: email\_message: Privacy-  
Statement: agree x: 50 y: 27

**From:** @mlb.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:33:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There have been a multitude of environmental assessments and evaluations completed since 2015. It is known that if this state-of-the-art wastewater treatment facility is completed, Northern Pulp's environment footprint will be significantly reduced. Third-party consultants have concluded that it is unlikely that sediment will build up in either the near or far-field. As well, Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines. Based on scientific data obtained and the completion of the required EAs, Northern Pulp should be granted the necessary extension in order to maintain operations and to construct a state-of-the-art effluent treatment facility.

Name: @mlb.ca Address: Municipality: Lower  
Onslow Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 53 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:34:40 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project is best for everyone and both forestry and fishing industries SHOULD continue to be two of Nova Scotia's agricultural landmarks and keep our economy growing Name: Email: @hotmail.com Address: Municipality: Pomquet Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 67 y: 33

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:36:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp  
Name: Email: Address: Municipality: Antigonish  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 70 y: 29

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:37:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Need this project to go  
Too keep industry in Nova Scotia many jobs and family?Ts depend on this mill. Closing it  
would be devastating for the province. Name:

@hotmail.com Address: havre Boucher Municipality: Antigonish  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 75 y: 10

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:39:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am deeply concerned about Northern Pulps plan to pump effluent into the Gulf and am, in fact, against it. It is, in my opinion, a continuation of the disregard that several successive NS governments have had for Pictou Landing First Nations, the citizens of Pictou and surrounding area and the environment in general. The impunity with which this mill has been allowed to function has been costly beyond measure in terms of human health and environmental damage, not to mention the loss of trust in a government that appears to value business over human lives. I intend to stand with others against the implementation of this facility. Name: Email:

@gmail.com Address:

Municipality: Berwick Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree

x: 48 y: 22

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 8:45:32 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northern pulp  
Name: Email: Address: Municipality: Antigonish  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 71 y: 21

From: @hotmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 4, 2019 8:46:43 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: To Whom It May Concern, Re: Northern Pulp Effluent Treatment Facility After reading the Focus Report and applicable documentation provided by Northern Pulp I have come to the conclusion that the information therein remains insufficient and therefore the Minister of the Environment has a duty of care to the people of Nova Scotia to reject Northern Pulps proposal. Upon reviewing the Focus Report, which was requested at the behest of the former Environment Minister, I have concluded that what Northern Pulp has proposed in regards to their ETF has not satisfied the requirements requested of them pursuant to the terms and conditions of the environmental assessment i.e. Subclause 91Abx which requires that environmental baseline data be sufficient in predicting adverse effects. Northern Pulp prefaces the Focus Report as being science based, but upon review this amounts to nothing more than a fallacy. Upon their own admission the majority of the scientific studies within the Focus Report rely on surrogate data sets as a substitute for empirically observed base line studies, specifically in regards to the presence, diversity and relative abundance of marine species in the proposed outfall area. The Focus Report outlines Northern Pulps proposal to burn Activated Sludge on site in their power boiler, of which the effects on the environment and human health are still unknown and unmitigated. Given Northern Pulps track record as serial polluters that have been fined on several occasions for failing to meet stack emission guidelines, how can we trust that will provide the due diligence required by the EA. As a good corporate citizen Northern Pulp should have used this as a learning experience and to commit to improving processes, but time and time again they have proven that they are unwilling to adopt more environmentally responsible processes that respect the environment and the people that call Nova Scotia home. The year is 2019 and Northern Pulp cannot, or will not resolve to take responsibility for implementing a more environmentally conscious ETF that does not directly pump treated effluent into the Northumberland Strait. It is incumbent upon the Nova Scotia government to stop this farce and hold Northern Pulp to account. Industries change, but people adapt and the employees of Northern Pulp are no different and should be provided with the resources necessary to adapt to a changing world through retraining and directed benefits that would allow them to transition within the workforce. The management team at Northern Pulp have succeeded in making this issue as divisive as it is, but I hope that the Nova Scotia government has the resolve to reject the proposed ETF and begin to move towards a more sustainable future that takes into account the many and not the few. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@hotmail.com Address: \_\_\_\_\_ Municipality: Pictou

Postal-Code: \_\_\_\_\_ Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 50 y: 18

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Focus Report response  
**Date:** November 4, 2019 8:55:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Environment Minister,

I am writing to you about Northern Pulp's Focus Report on the Pipe they want to build. I live in Central Caribou where they want to run the pipe.

This focus report has not changed my mind, I still think it is a terrible idea. Two major concerns that I would like to add to my last letter (below) are the province of Nova Scotia secretly promising Northern Pulp \$8 million and Air quality with burning sludge.

After hearing in the news that the Province had a secret pact with Northern Pulp to share environmental assessment costs, up to \$8 million dollars, this really upset me. If the Province had not given them this money would they even be building this pipe? Probably not. And if the Province is going to spend \$8 million dollars in a project are they then going to reject it?

In my first letter I talked about how bad the mill smells now and how it will be worse burning sludge. The focus report has not made any changes to this proposal that would make burning sludge a good idea, this will add more pollution to the air, there is no precipitator on that stack, and the fact that the mill has said that this makes them "Green" because they are burning biomass to fuel themselves is disgusting!

The Province and pulp mill lied 50 years ago and said it would not cause any harm. This focus report is just more lies. Minister I ask that you reject this proposal.

Central Caribou, NS

<https://www.thechronicleherald.ca/news/provincial/nova-scotia-had-secret-pact-with-northern-pulp-to-share-environmental-assessment-costs-353558/>

Dear Environment Minister Margaret Miller,

I am writing to you about Northern Pulp's pipe that they want to build. I am nine years old from Central Caribou, NS. Please do not dismiss my letter because of my age. I have grown up on the beaches of Caribou and my cottage on Pictou Island. I have fished lobster with my grandfather and father every spring since I was four. My Great-grandfather, grandfather and father have all fished the same Pictou Island grounds that I would like to fish someday. Kids like Greta Thunberg are making grownups take climate change serious, if she can do that maybe I can do the same with this pipe idea, because it is serious, seriously bad.

I am asking you to not allow Northern Pulp to put their pipe in our ocean. It will make all the marine life swim away.

People around the world are making changes and working to stop pollution, why would we allow this to happen to our beautiful beaches, to the animals and fish that live in the Northumberland Strait. We need to think forward not backwards.

In 4H I am doing a project on Sustainable Fishing Practices in Nova Scotia. While doing my project I have found lots of examples of fishermen, scientists and First Nations working together and coming up with ideas so there are still fish in the ocean in the future. Destroying their marine habitat with brown, hot smelly water is not sustainable.

When I was at marine biology camp we did an experiment with oil on a feather and used Dawn soap to try and get it off like in the commercials. It was hard to get any of the oil off and in the end we weren't able to get it all. We were learning about a spill, an accident, this pipe will be pumping an unimaginable amount of pollution on purpose everyday into the ocean. This experiment also made me think about the Dawn commercial, using hurt ducks to sell their soap and it made me mad. I have to listen to Northern Pulp commercials everyday telling me how great they are, but just because it is in a commercial does not make it true.

In school we talk about not littering, reduce, reuse and recycle. We learn about pollution and what we can do to help the Earth, but we are not allowed to talk about Northern Pulp even though some days when the wind is blowing the smog toward our school we have to play inside because the air hurts to breathe and it smells worse than dog farts. If you allow them to build their new system it will be burning sludge on top of what they burn now, it will be worse.

If you have ever played on a beach, ate seafood, enjoyed your day on a boat I want you to think about that when you make your decision, think about that and think about a nine year old in Caribou NS staring out at a new Boat Harbour.

Thank you for reading my letter,

Central Caribou NS

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Please NOPIPE  
**Date:** November 4, 2019 9:03:02 PM  
**Attachments:** [letter to Min Env NOPIPE.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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The Hon. Gordon Wilson, Nova Scotia Minister of Environment

Dear Mr. Minister,

We approached the 4000 page Northern Pulp Focus Report with trepidation. It is a daunting tome written in language that is challenging to understand. It posed a difficult task to read, process, comprehend and respond to within 37 days. We struggled...what to do. We read what we could manage. We thought about essentially what it was saying. We listened to those who live along the proposed pipes path and those who fish the waters and others that have delved deeper into the report. We referred to our family and friends history of living with the Mill in their backyard and the results of previous reports. We concluded this proposed plan for a pipe in the strait to disperse effluent is not a good plan and we oppose it. This plan should not be allowed to be implemented.

Many reports have been done over the 52 years of the Mill's existence. If one can be simplistic essentially what they all say to some degree after much verbiage is... all will be well...here is our plan...this is what we will do...there will not be an environmental impact ...pollution will not be a problem or will be lessened. These reports have always been flawed...pollution has continued to spew for 52 years. We propose erring on the side of caution as history has provided us a cautionary tale. Please...no pipe.

The Northern Pulp Focus Report states in the executive summary that the proposed project will consist of the construction and subsequent operation of a new effluent treatment facility (ETF) including a pipeline to transport treated effluent for discharge into the Northumberland Strait, further out from the current discharge location. It also states ...as has been the case since 1967 via the existing facility, the treated effluent discharge will continue to be discharged into the Northumberland Strait. The proposed project says that it will consist of a modernized treatment system enhancing protection of the local receiving environment (water discharge).

Essentially the report concludes... treatment of effluent will be somewhat better...the pipe will go further out in the strait where dispersion will not be harmful. Reality...the effluent will have fewer contaminants but there will still be contaminants and it is still going into the strait. It is pollution and however far out it is dispersed it will still cause harm and that is totally unacceptable.

Growing up in New Glasgow some of us were attending local schools when the Mill first opened in 1967. Our mother and Grandmother had a home in Chance Harbour for 30 years about 2.5 km as the crow flies from Boat Harbour. We were all very familiar with the stench from the mill and the concerning contaminants in the air and water. The effluent from the mill was processed in Boat Harbour where it went to

settling ponds and then directly into the Northumberland Strait where it flowed along the shore where our mother/grandmother resided and whose waters we have swum in for years. Often the pollution was visible in the water.

It was so obvious a problem in the water that \_\_\_\_\_ joined CAP Citizens Against Pollution in the 80's to help hold the Mill accountable for the pollution and to elicit change. Despite efforts by this group and countless people and groups since we still have a pollution problem from the mill some 52 years after it was built. Certainly there have been efforts to control emissions and improvements made over time but never enough and Boat Harbour and the effluent problem is ongoing.

While our mother/grandmother lived in Chance Harbour full time she had a very bad bronchitis, asthma type condition and needed to use inhalers "puffers." This condition disappeared after she moved into assisted living in Truro and then Moncton. For the few remaining years of her life she would come home for the summer to her place in Chance Harbour. The bronchitis condition would be reactivated when she came back in the summer. After reading the information on the health issues caused by the mill we felt that in all likelihood this at the very least was a contributor to her health challenge. Pictou County has higher than average respiratory illnesses. Also as documented by the Pictou County Health Authority, cancer incidences, including breast cancer, lung cancer, prostate cancer, and cancer-related deaths in general are all higher in Pictou County than the rest of Nova Scotia. Pictou County also ranks far higher in acute coronary syndrome and coronary failure than the rest of Nova Scotia.

It is known that the NS Government in 1967 bent over backwards to ensure they got a mill in Pictou County. With the best of intentions to lure big industry that would provide jobs they gave away the farm so to speak. The results are an environmental foot print that is horrific. Yes jobs were provided but at what cost.

The original mill owner Scott Paper was provided free infrastructure, extremely cheap water, tax holidays, the use of Boat Harbour for effluent and the the assurance the provincial government would take care of treating the effluent. The Scott Maritimes Act, passed in 1965 gave the company a 50-year lease on 230,000 acres of prime Crown land in Halifax County. That was just the beginning.

Amongst many other insults to the environment the Mill has utilized the spraying of DDT. Rachel Carson's book Silent Spring (1962) described the harmful effects of pesticides like DDT on the environment. She also stated in the book "It is also an era dominated by industry, in which the right to make a dollar at whatever cost is seldom challenged."

We know the world is suffering an environmental crisis. The day when you can give companies free access

to pollute air and water and impact forests negatively is over. Deforestation is a big contributor to the climate crisis. Forests are the “lungs of the Earth” that absorb carbon dioxide and produce oxygen and they help control the climate.

The effort of groups and citizens over 52 years have forced improvements at the Mill but the pollution level is still highly unacceptable. There were little to no checks and balances to start with so the advances that have been made are still not enough.

Thank you for taking the time and considering this letter supporting NOPIPE in your decision making.

Respectfully submitted,

In memory of the late

who worked hard in      lifetime to have the Mill reduce effluent to within safe limits

Family Members

New Glasgow, NS

Medicine Hat, AB

Halifax, NS

Kamloops, BC

Montreal, QC

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:05:35 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Environment Minister, I love to swim at the beach in caribou, go mackreal fishing, and tube on the back of the boat. If this pipe is aloud to happen this beautiful place will never be the same. Please reject this proposal Thank you  
Central Caribou, NS Name: Email: Address:  
Central Caribou Road Municipality: Central Caribou Postal-Code: Phone:  
Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 55 y: 29

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Environmental Assessment followup and mill support  
**Date:** November 4, 2019 9:07:00 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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To whom it may concern,

I am writing you to express my concerns as a woodlot owner, and silviculture contractor in Central Nova Scotia. I have been involved directly in the forest industry since 1989. It has been a great source of livelihood for me since this time, and feel that if Northern Pulp closes, my livelihood will be threatened. As a woodlot owner in Hants County, I am also concerned that if Northern Pulp closes its doors, I will be unable to receive a fair market value of my pulp wood from my property. I am also concerned that our local sawmills will lose their wood chips market to Northern Pulp should the mill close its doors.

I have read the mill's current proposal to get rid of its waste products, and I am expressing my support to the current proposal. I hope that at this time next year, this mill will be open for business, and that I will continue to be employed in the forest industry of Nova Scotia for many years in the future,

Thanks for your time to read my concerns, and I can be reached via email or by phone at

Sincerely,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:12:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Atlantic Canada needs good paying jobs in the forestry sector. Please save Northern Pulp jobs! Name:

@hotmail.com Address: Municipality:

corner brook, nl Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 79 y: 20

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:12:07 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs its forestry sector, Im in favour of the treatment facility 100 Name: Email:  
Address: Municipality: Trenton Postal-Code: Phone: ### ### -  
##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 66 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** environmental assessment for northern pulp  
**Date:** November 4, 2019 9:13:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sent from [Mail](#) for Windows 10

Hon. Gordon Wilson Minister of Environment : I highly recommend that the environmental assessment be approved for Northern Pulp. Northern Pulp employs thousands in northern and central nova scotia in the woods and the mill plus all the sawmills. The economic spin offs to all the local businesses are in the hundreds of millions. All the woodlot owners are dependent on Northern Pulp and the sawmills that supply chips to the pulp mill in order to sell their logs and pulp wood.

Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. For additional protection Northern Pulp has selected a thicker than required pipe, in addition to establishing an automated leak detection system which will be installed in the Pictou watershed area. Ocean water quality within 5 meters of the diffuser will meet Canadian marine guidelines. When this state of the art wastewater treatment facility is complete, Northern Pulps environmental footprint will be significantly reduced. These facts were taken from the focus report. As a former forestry worker I strongly endorse the approval of this environmental assessment for Northern Pulp. Sincerely,  
Central West  
River NS

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** BH  
**Date:** November 4, 2019 9:15:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Honour the act!

Sent from my Samsung Galaxy smartphone.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:24:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Minister, I would expect that after years of a private company dumping effluent onto public property, there will be some effort at remediation of Boat Harbour on behalf of both the public and private sector. While this clean up takes place, there should be a tremendous effort on behalf of the government to nudge the industry in another direction. This will mean supporting those working in the industry while they voluntarily retrain for new work. I trust government is taking expert advice seriously when it comes to environmental concerns from various parties.

Name: @gmail.com Address:

Municipality: Halifax Postal-Code:

Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 29 y: 32

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [info@friendsofthenorthumberlandstrait.ca](mailto:info@friendsofthenorthumberlandstrait.ca)  
**Subject:** response to Northern Pulp"s EA  
**Date:** November 4, 2019 9:25:32 PM  
**Attachments:** [response to Northern Pulp"s EA .msg](#)

---

\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [info@friendsofthenorthumberlandstrait.ca](mailto:info@friendsofthenorthumberlandstrait.ca)  
**Subject:** response to Northern Pulp"s EA  
**Date:** November 4, 2019 9:25:31 PM  
**Attachments:** [Northern Pulp report.pages](#)  
[Northern Pulp report.pdf](#)

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Kings Head, NS,

November 4, 2019

The Honourable [Gordon Wilson](#), Minister of Environment

Dear Minister,

I am writing in response to Northern Pulp's Focus Report for a proposed Replacement Effluent Treatment Facility. I have moved to Nova Scotia in [redacted] and work as the [redacted] Aberdeen Hospital in New Glasgow NS. Since moving here to this Province, I have lived in Pictou County under the plume of Northern Pulp. From a personal perspective this has affected my own health in various circumstances, and from a professional perspective I have witnessed the exceeding proportion of respiratory and cancer related illness's in this community.

Based on my own observations, I have noticed the air quality in emissions has surpassed allowable levels on more occasions than it has reached the proper limits. The marine life in the Northumberland Strait has vastly diminished in the years since we moved here, there were too numerous to count species of crab and sand dollars several years ago to a rare finding in the past years. Our forestry services have denigrated to practices of clearcutting with no consideration of sustainable renewable forestry.

I am not an expert in these matters, yet, clearly these changes are occurring at an alarming rate that one can feel the environmental degradation in just a decade.

I would like to reflect specifically to Appendix 9.2 Human Health Risk Assessment in the Focus Report. After reading this, and especially after a history of non-compliance in the past, I am not convinced that the health of humans and the marine biosphere will not be harmed.

A simple search led me to a report from the US-EPA [ [https://cfpub.epa.gov/si/si\\_public\\_record\\_Report.cfm?Lab=NHEERL&dirEntryID=51649](https://cfpub.epa.gov/si/si_public_record_Report.cfm?Lab=NHEERL&dirEntryID=51649) ] where it is clearly written, that “even effluents receiving good treatment may exhibit sporadic and dynamic increases in toxicity (due in part to spills or dumping of spent pulping chemicals)”

I am utterly flabbergasted that we are even considering such a potentially disastrous proposition in this day and age of Climate Change and Ocean Conservation efforts.

Our billion dollar fishing industry is at risk of suffering huge losses at the mere thought of potential polluted sea life. What convincing data have we received that the treated effluent will not cause harm to our sea life. Let alone, the effects of the higher water temperatures and the dilution of the water. The data is not reassuring that this will not change the biodiversity of our sea life. In addition the amount of heavy metals leaching into our mollusks and shell fish is unacceptable. The facts and figures for this in the health literature is overwhelming on the great risks this presents.

The potential irreversible destruction and health hazards implicated in this venture should no longer be acceptable .

Sincerely yours,

a very concerned citizen and health care provider.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:29:22 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a lifelong resident of Nova Scotia as well as a member of a family who have been involved in the forest industry going back three generations I cant state strongly enough how important the survival of Northern Pulp is to the economy of the province. Paper Excellence has proven that they are willing to invest in improving their environmental footprint. They have addressed in the original EA application, and now followed up with the focus report, the concerns of the government and have third party scientific evidence to back up the validity of the project. This same technology is used successfully in many other mills so there should be no doubt that it will be an environmentally friendly solution here as well. To reiterate, Nova Scotia needs the forest industry to thrive economically and the forest industry needs Northern Pulp to br able to thrive within the province. Name: @hotmail.com Address:

Municipality: Upper Musquodoboit Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 56 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:37:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please don't allow this to continue anymore. I know your government has been taking small strides towards bettering the environment, and I'm aware of the potential loss of several hundred well-paying jobs, but if my grand children have to fish from polluted waters any longer, you will go down in history as the hand who allowed this to keep happened. Reconciliation begins by making tough decisions - people can find new jobs, not a new planet. I plan to move back well before I retire, I surely hope it's gone, or I may have to stay away from my homeland forever. Name: @hotmail.com Address: Municipality:  
Prescott Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message:  
Privacy-Statement: agree x: 94 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:40:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Our province needs this. This is my family future, our family has worked with this mill for over 50 years. My family woodlots will have no value if the mill closes. What does my future look like without forestry

in NS Name:

@hotmail.com Address:

Municipality: Glenholme Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 54 y: 19

**From:** @tncweb.ca  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [jhbaird@tncweb.ca](mailto:jhbaird@tncweb.ca)  
**Subject:** Northern Pulp Focus Report  
**Date:** November 4, 2019 9:40:44 PM  
**Importance:** High

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Nova Scotia Dept of Environment  
Minister of Environment

re Northern Pulp Focus Report

Nov 4/19

I am writing in regard to the Focus Report submitted by Northern Pulp in regard to their Replacement Effluent Treatment Facility.

As i read through the Focus Report all i am seeing is alot of speculation and not alot of facts. As an Asthma sufferer since aged 3, I am particularly interested in the Air Emmissions and the Human Health Risk Assessment. I wasn't diagnosed with Asthma until after we moved to the Caribou area when i was 3 years old.

The mill has a long history of exceeding their air emmissions with virtually ZERO consequenses. What precident has that set for the mill in future concerning air emmissions?

Now, with the new activated sludge treatment facility they will actually be burning the sludge. That will mean more emmissions than we have now and I am very concerned what it will mean for my breathing. I noticed in one diagram, which outlined where the emmissions monitoring stations would be located, almost all of them were on the same side of Pictou Harbour as the mill itself. There was only one monitoring station located in the Town of Pictou.

This is simply unacceptable! So, if the wind is blowing towards Braeshore or towards Three Brooks area, for example, the monitor in the Town of Pictou may not even pick it up. How can you justify NOT having one in every direction ?

I am currently     years old and currently enrolled in post secondary education. When i finish school I hope to stay in this area but my decision may be impacted by your decision on this project. Nova Scotia already has a higher rate of unemployment than other parts of the country; if this project is approved, it will be a glaring example of Nova Scotia's careless disregard for the environment. Not to mention the fact that i am expecting my Asthma to worsen with the burning of the sludge.

When I reviewed the Human Health Risk Assessment section, I was surprised to see no real information at all. It appeared to be a list of things they would "monitor" if the project was approved, but no real data on what the actual impacts will be if this project is completed. How can you approve this project if no one knows what the impacts will be to human health?

I don't feel this company has made any effort to complete any required studies on human health impacts or impacts to fish and fish habitat that they were required to do. They knew since 2014 that their Boat Harbour site would be discontinued in 2020 ; that was plenty of time.

Three Brooks

Pictou County, NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 9:40:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I Support the Northern Pulp Effluent project. I've read the research and feel that sufficient actions are taking place to mitigate health and environmental impact. The economic impact of the mill is critical to our province. I lived in Pictou county for over 30 years. I raised 2 children here. My son is in his late 20's and teaches high school. I therefore continue to have a vested interest in the long term health, environmental and economic well being Of the county. I have good friends and relatives that both work at the Mill as well as in the forestry and Fishery. I'd like to see Approval of the Environmental Assessment. Name: Email:

@gmail.com Address: Municipality: New Glasgow Postal-  
Code: Fax: email\_message: Privacy-Statement: agree x: 70 y: 19



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:01:22 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am still completely unconvinced that measures undertaken by Northern Pulp will undeniably assure no harm will come to our marine biosphere or to human health. History and the holes in the recent report cause my sincere objection to this project. Name: Email:

@gmail.com Address: Municipality: Kings Head Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 47 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:10:07 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please fix the plant to meet code as you would a house on a river with a septic tank and a bed for filtering human waste before it enters the water. This is just responsible home owning . Name:

Email: @gmail.com Address:

Hubbards , Nova Scotia.

Municipality: Hubbarss Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 67 y: 34

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:10:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have two concerns: 1. I ask that you stop the use of Boat Harbour for effluent disposal on January 31, 2019 as promised. Too many promises have been broken before to the Pictou Landing First Nations Community. 2. Before a decision is made about a future method of waste disposal for the mill, data must be gathered that studies other kraft mills and the impact this new form of disposal has on the adjacent waterways. We do not have enough data currently to be able to allow waste to flow directly into the Northumberland Straight. Name:

Email: [@ns.sympatico.ca](mailto:@ns.sympatico.ca) Address: Municipality: Truro  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 38 y: 32

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's Proposed Plan  
**Date:** November 4, 2019 10:14:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Honourable Gordon Wilson,

I am writing to you regarding the focus report on Northern Pulp's Proposed Replacement Effluent Treatment Facility Project.

I am a long time resident of the town of Pictou, a retired teacher, and a mother of two children, one of which has chosen to return to Pictou after receiving her education to bring up her family in the town of Pictou.

Throughout the many years living in a Pictou I was never happy about the odor coming from the mill but I always felt my government kept my family safe with stringent environmental regulations. In recent years I have become very aware that I have good reason to be concerned about the pollution this mill emits into the air as well as the water.

My first comment about this proposed pipeline is that I fully support the closure of Boat Harbour and feel that the government needs to honour the Boat Harbour Act and close the treatment facility on January 31st, 2020. I am ashamed how the residents of Pictou Landing First Nations have been treated and fully support their plea to have Boat Harbour Effluent Treatment Facility closed as previously promised by this government. So regardless of your decision about the proposed pipeline plan, the Boat Harbour Act must be honoured.

My second comment is that I am very concerned about the proposed pipeline's route and that it will pass through the town of Pictou's watershed. I would like to point out that I believe the data presented by Northern Pulp is incorrect. Their representation of where the town's active wells are located is inaccurate. There are active wells closer to the proposed pipeline than is indicated by their plan. I would ask if your department would investigate this error as the location of the town's active wells is very important. The closer the proposed pipe is to the town's water supply, the greater the chance that it could have devastating consequences for the thousands of residents of the town if a leak occurs. Or should I say when a leak occurs. I would like to hear from you about the discrepancy in the proposed plan regarding the location of the town's active wells.

My third comment is that I feel that the significance of this project deserves the most diligent form of investigation. Therefore, I feel a federal environmental assessment is needed. Much is at stake here. I ask you to please consider the pleas of the Pictou Landing First Nations, the fishermen of the Northumberland Strait and the local residents of Pictou County and request further study with a federal assessment. It really seems unfair to expect local citizens to absorb and critique the amount of information the proposed plan includes. Thirty days is an unfair allotment of time to fully explore the information presented. Any reasonable person I'm sure would agree. Therefore this project requires a federal environmental assessment and I ask that your department would ask for one.

My final comment is that Pictou County, and in particular the town of Pictou, is much more than a mill. We will survive the closure of this mill and the forestry industry will adapt to the

changes it will bring. I hope you have walked our beautiful beaches and swam in our warm waters and just experienced what Northern Nova Scotia has to offer. In my opinion it would be criminal to pump effluent from this mill directly into the Northumberland Strait. I ask you to request a full federal environmental assessment.

Thank you for your time concerning this very serious situation.  
Yours truly,

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:18:29 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need the mill and the new treatment facility. The technology in every industry today compared to 50 years ago is not even fair comparison. Please do not wait another fifty years to impliment positive changes to help protect our environment and jobs. Name: @gmail.com

Address: New Glasgow Municipality: New Glasgow Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 63 y:

26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 10:59:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a Nova Scotia taxpayer I firmly believe this project must go forward for the good of all Nova Scotians.

Name: @hotmail.com Address:

Municipality: Antigonish Postal-Code:

Fax: ### ### - ####

email\_message: Privacy-Statement: agree x: 57 y: 28

**From:** [@nb.sympatico.ca](mailto:@nb.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:04:19 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: NS cannot afford to be a forerunner with environmental issues that are beyond us when we are already so recessed with jobs as compared to the rest of the country. Name: Email:

@nb.sympatico.ca Address: Municipality: Antigonish Postal-  
Code: Fax: ### ## - ##### email\_message: Privacy-  
Statement: agree x: 49 y: 23

**From:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Facility Project  
**Date:** November 4, 2019 11:10:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Hon. Gordon Wilson  
Minister of Environment  
Nova Scotia Environment  
P.O. Box 442  
Halifax, NS B3J 2P8

Hon. Gordon Wilson  
As a concerned member of the community, a family member of a mill employee, an employee in the building supply industry, a former employee of a local forest co-operative and from a family of a small woodlot owner, I know and have seen the value of the forestry sector in Nova Scotia and I understand the supply chain and spin off jobs created. I am aware of the concerns for the environment but this improved type of effluent treatment facility, which is already in use in other parts of Canada, along with the studies that have been done tells me the science is there to show this will significantly reduce the environmental footprint of Northern Pulp. This gives me confidence we can continue to have strong, sustainable forestry and fishery industries for many years to come. I strongly encourage you to approve the Environmental Assessment.

Regards

Valley, NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 4, 2019 11:11:31 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The mill is vital to Nova Scotias economy. The mill itself all of the spinoff industry are greatly helping to keep Nova Scotians employed.

Name:                      Email:                      @gmail.com Address:  
Municipality: Antigonish Postal-Code:                      Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 84 y: 33

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:08:03 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: we need northern pulp the south shore needs forestry. I dont think the local economy can handle the loss of 10,000 plus full time jobs. Name: Email: @outlook.com Address:

Municipality: milton Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:36:34 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs forestry!  
Name: Email: @hotmail.com Address: Municipality:  
Pictou Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 45 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:26:19 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need jobs in this province. People want the pulp mill cleaned up this proposal is doing just that. Don't be foolish to let one of our big employers leave. The impact on our economy would be astronomical and far reaching. Nova Scotia needs jobs. Nova Scotia NEEDS forestry. Name:  
Email: @gmail.com Address: .  
Municipality: Stellarton Postal-Code:

**From:** [@freemanlumber.com](mailto:@freemanlumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:03:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister I think of many positive reasons to proceed with Northern Pulps effluents project. - The new owner has made many improvements to odors, effluents air since 2011. - No effluents will leave the mill site. The best technology available worldwide will be used. Treated effluents will satisfy the toughest existing proposed laws. All 22 Canadian Kraft pulp mills release treated effluents into a lake, river, or ocean... Are they all being reviewed ? - I work in the forestry industry, the project makes sense and should be approved. Thanks Name: Email:

@freemanlumber.com Address: Municipality: Greenfield  
Postal-Code: B0T 1E0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 55 y: 28

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:09:08 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I want to see the Environmental Assessment submitted by Northern Pulp accepted and the needed extension given to allow Northern Pulp to operate the mill while the treatment plant and pipeline are being constructed. Having worked on the commissioning, start-up and operation of a wastewater treatment facility for a pulp mill in the past I have full confidence that the state of the art wastewater treatment facility that Northern Pulp proposes to build will meet all government requirements when the treated effluent discharges into the Northumberland straight. Northern Pulp effluent has been flowing into the Northumberland straight at its current location for 50 years with no impact to the fisheries. Northern Pulp's plan to re-route the treated effluent to a different location further into the Straight will have no significant impact on fish habitat. Third party experts have determined that water quality within 5 meters of the diffuser will meet Canadian marine guidelines and the treated effluent will not be visible at the water's surface. Experts have assessed that there will be no significant impact to be expected on any fisheries or fish habitat as a result of the project. Studies have also shown that there will be not be a buildup of materials around the outlet of the diffuser. The difference of the temperature of the water and the treated effluent will be 1 degree within 5 meters. The effluent pipeline will be made from industry standard material used in applications demanding long life and low maintenance with automated in leak detection. This is a science based study using the best available technology to treat the mill effluent before being discharged into the Northumberland Straight. This is a process used across the Pulp and Paper industry, it works elsewhere and it will work here. We do not need to reinvent the wheel. I have lived firsthand the result of a community suffering the loss of a Mill and the results are devastating to any community. One has only to look to New Brunswick, the communities of Miramichi, Bathurst and Dalhousie. Nova Scotia cannot afford the job losses that the closure of Northern Pulp would create, the jobs are needed along with the taxes that they raise, think hospitals, doctors, schools, and infrastructure. We need to build Nova Scotia better and bigger to attract people to our province not drive them away. I believe that Nova Scotia needs both the forest industry and the Fishing industry to continue to work together so we can build a future for all. Name: Email: @eastlink.ca Address:

Municipality: New Glasgow Postal-Code: Fax:

### ## - ##### email\_message: Privacy-Statement: agree x: 35 y: 22



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 4:12:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp. Nova Scotia needs forestry. Northern Pulps focus report shows that we can protect the environment and continue to grow Nova Scotias economy. Name: Email:  
@gmail.com Address: Municipality: East  
mountain Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 6:04:55 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova scotia will literally die without forestry, tht is the sad truth Name: Email: @hotmail.com  
Address: Municipality: Postal-Code: Phone: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 65 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 6:50:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please consider the further damage to the environment if this pipeline goes ahead and perhaps alternatives would have less impact. Name: Email: @gmail.com Address:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:00:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I strongly urge the government of Nova Scotia to remain firm on the Jan.31, 2020 closure date for the Boat Harbour treatment of effluent from the Northern Pulp Mill. I believe it is long past time to close this mill for good and to not allow any further degradation of the air and waterways. After 52 years of continuous pollution and broken promises, this mill and its owners have zero credibility when it comes to our environment. A pipe moving effluent into the Northumberland Strait should not be permitted under any circumstance, so extending the deadline for closure of Boat Harbour does not make sense. This plan will risk the fisheries of three provinces and the livelihoods of many more people than the number of people currently employed by Northern Pulp, even when associated forestry jobs are considered. These jobs are not more important than fisheries jobs. The government of Nova Scotia should help those mill workers transition to other employment, with training opportunities and income support during that transition. Please, keep your word to Pictou First Nation, and to the people of this province, and do not extend the closure deadline. Do not allow Northern Pulp to extort you with threats of shut down. After 52 years of pollution, it is time they shut down for good.

Sincerely,

Prospect Bay, NS Name:

Email:

@gmail.com Address:

Municipality: Halifax Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 35 y: 22

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:11:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This will destroy a vibrant and important spawning ground for herring and lobsters. As well as a nursery area for rock crabs and scallops. Dont even get me started on global warming - the warming of our oceans will be the end of us. Name: Email: @hotmail.com Address: Municipality: Victoria Harbour Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Date:** November 5, 2019 7:13:38 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please, we have got to start putting people over profit. It is pathetic how money can have so much control and power. I beg you, you **MUST** see, it's **NOT** money that truly matters. It is us. People. Humanity. Please do the honourable thing.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:15:03 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Think this will be a far better system than they have now, and we need the jobs Name: Email:  
@hotmail.com Address: Saltsprings pictou county Municipality: Saltsprings  
Postal-Code: B0K1P0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 73 y: 23



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp replacement ETF focus report public comment  
**Date:** November 5, 2019 7:15:56 AM  
**Attachments:** [IMG\\_5248.mp4](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

My name is \_\_\_\_\_ I am 13 years old and live in the Town of Pictou. I am writing to you about Northern Pulps plan to pipe effluent into the Northumberland Strait. Why? Why would any company think this is ok? Maybe because they only care about the money they make and have zero respect for Mother Nature!! My mom and I go out every spring and we clean up the beaches around here. We find all kinds of stuff that people have littered. Hopefully we get to it before a fish or a bird swallows it. It is not ok, in fact it is illegal to litter. So why is pumping fluid that is filled with all kinds of dangerous substances considered littering? I didn't read the focus report because I have too much school work, volley ball games, I work as a barn hand up the road and I ride my horse everyday. But I did do a quick word search for the word "snapping turtle". Nothing came up. Well attached to this email is a video that my mom and I took this passed summer when we were driving to the ferry wharf to bring my dad a part for his fishing boat. We bike this road a lot because on both sides are wetlands for almost the whole 7 km. Sometimes we see cool stuff like turtles. This particular day we were driving and my mom said what is in the middle of the road! It was a giant snapping turtle trying to cross the highway from one wetland to another. We stopped traffic and helped him across safely to the other side. There are so many really cool wetland plants, turtles, birds and other wildlife that inhabit this area. Please consider this when northern pulp wants to go ahead and dig it all up! These turtles are on the endangered species list and it is illegal to disturb them. I ride my horse in a field that runs along the ferry wharf road. The owners of the property have signs up and a string across that says "stay off this area momma turtles trying to protect whir babies". So if it is the right thing to do to try and protect these reptiles why would a company think it is ok to bring heavy equipment in and dig it up? I paddle board in the Strait, spend lots of days at the beach and fish lobsters with my dad in Saturday's. we eat all the fish that Mother Nature has provided from this body of water. And Northern pulp doesn't care if they put our health, the health of the ocean, my dads business, at risk!!! I live in Pictou and sometimes in the summer when it is hot and humid we have to leave for the day to escape the bad air from entering our lungs. I

My mom and dad got a professional to come in and check out house for mould. We didn't have any mould. I said look out the window it is those stacks that we breathe in!!! This is wrong! I am asking you to reject northern pulps project please please please. Our future depends on a healthy ecosystem. And ask yourselves "would you buy my dads scallops or lobster, would you live here with those stacks". If your answer is no then you know what to do!  
Thank you for reading my email. Have a nice day!

A very concerned kid

Sent from my iPhone

**From:** \_\_\_\_\_@live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:21:55 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the mill and forestry workers for these much needed jobs Name: Email:  
@live.ca Address: Municipality: saltsprings Postal-Code:  
B0k1p0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree  
x: 46 y: 27

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:38:41 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not allow effluent to flow from the Northern Pulp facility into the Northumberland Strait between PEI and NS! Doing so would pollute marine life, ruin the fishing industries, violate Indigenous Rights. Name: Email: @yahoo.com Address: Municipality: Halifax Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Boat harbour  
**Date:** November 5, 2019 7:44:11 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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I live at least 40 km away fr BH but am affected by the stink of the environmental pollution carried in the air when it blows towards us - must close windows & stay inside

I can't imagine living w/ that intensified if i had to live in the once lovely Pictou area

Please stop funding bad corporate practices

Please start funding cleanup

Please change priorities & protect people & land & water - it's all we have!

Honour the Boat Harbour Act & close the damn thing!

People have spoken - government must listen!

Earltown NS  
Sent from my iPhone

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:51:59 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp reports that a Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. If the professions at NSDOE find that the science supports that interpretation, then the province should grant approval for the effluent treatment plant and pipe. Almost all human activity has some impact on the environment. Northern Pulp is too important to the forestry sector and provincial economy to close unless there is scientific evidence to indicate the impact on the fishery and environment is significantly negative to warrant closure. Name: Email:  
@gmail.com Address: Municipality: Braeshore Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:53:39 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I ask the Minister to reject the proposed project. If he is not prepared to reject the project, I ask the Minister to order a full environmental assessment report. Name: Email:

Address:

Municipality: Canning Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Re: Focus Report on NPNS's proposed RETF project.  
**Date:** November 5, 2019 7:58:38 AM  
**Attachments:** [NPNS" Focus Report letter.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Good morning,

Please find attached our letter in response to Northern Pulp Nova Scotia's recently submitted Focus Report.

Yours sincerely,

Caribou Island, NS,

Environmental Assessment Branch  
Nova Scotia Environment  
P.O. Box 442  
Halifax, NS, B3J 2P8

November 4, 2019

Good morning ladies and gentlemen,

We are writing in relation to the Focus Report on NPNS's proposed RETF project.

We wish to express our profound dismay when we read Aaron Beswick's September 17, 2019 article in *New Glasgow's The News*, that our tax dollars were invested by the Nova Scotia Government for design and engineering work for Northern Pulp Nova Scotia's (NPNS) Replacement Effluent Treatment Facility (RETF), which includes tax dollars for the preparation of an environmental assessment, in a project whose environmental assessment had yet to be audited or approved.

We are unaccustomed to being betrayed by our elected peers. We were led to believe that NPNS's environmental assessment, though compressed, would be science based and impartial. The substantial investments of taxpayers' title from the McNeil Government for one side of the debate with no corresponding contribution to the opposing side and the discovery that agreements were made to avoid revealing these transactions to their true investors underline the duplicity of this government. In light of these contributions, there is now no doubt that the impartiality of this Nova Scotia Government on this file has been non-existent and it explains the haste imposed on the review process for the eleventh-hour-delivered Focus Reports.

The discharge of 85 million litres per day of partially treated Kraft pulp mill effluent into the Northumberland Strait demands impartial, in-depth and audited analyses.

In our March 15, 2019 letter to you, we cited the Dr. Andrew W. Wadsley 2007 audit debunking the 2006 Toxidos study for the proposed and rejected Bell Bay Pulp Mill near Launceston, Tasmania, which study NPNS had used to justify the benign nature of their forthcoming effluent. We reference it again, <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.582.2806&rep=rep1&type=pdf> to underline that studies purchased by NPNS need to be audited, not only on their data but also on the methodologies where calculation errors could invalidate all of the quantitative ecotoxicological analyses as happened in Tasmania. This takes time and one would have thought that five years would be sufficient to conduct then audit ecotoxicological analyses. That the 2,674-page Focus Report was submitted only 122 days before Boat Harbour's legislated closure demonstrates not only bad faith on the part of NPNS but it also prevents independent audits of the data submitted and the methodologies used to calculate the impact that their effluent will have on the surrounding ecosystem.

A Federal Environmental Assessment should be sought, but given the McNeil Government's conflict of interest and NPNS's lack of sympathy in protecting our environment, it is more likely that the NPNS's RETF will be approved. This could require the re-opening, by the McNeil Government, of the Boat Harbour Act to grant an extension to NPNS to use Boat Harbour for the reception and treatment of its effluent until its RETF is operational. We hope that this Government will resist the temptation as NPNS has had ample time and money to prepare a sound and healthy RETF proposal.

The McNeil Government's Boat Harbour Act was a truly courageous and exemplary piece of legislation in a history of shameful decisions by previous Nova Scotian governments. There is still an opportunity for Nova Scotians to honour their commitment to Pictou Landing First Nations, help keep healthy one of the most beautiful places on earth and leave a cleaner Nova Scotia for our children and grandchildren.

We therefore respectfully request that the McNeil Government not re-open The Boat Harbour Act and keep Nova Scotians' promise to Pictou Landing First Nation to begin remediating Boat Harbour as of January 31, 2020.

Yours sincerely,

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Date:** November 5, 2019 8:08:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Re: northern pulp

As I have already sent in my first concerns months ago, I will relay how this entire process has impacted myself and family. I travel to Pictou a few times a week to visit with family. Over the past year, realizing how many pollutants could be impacting my health from Northern Pulp, I refrain from visiting the town of Pictou as much as possible.

I decline to visit my loved ones because of Northern pulp and what they emit into the environment.

Should a pipe be built, my family will have to look to leave our good paying jobs, and potentially leave not only the area, but the province.

We are not in favour of the poison continuing.

We stand with Pictou Landing first Nations.

We are tired of hearing from this company release full out propaganda to the media and the government seemingly supporting this. We are not okay with our government changing any possible legislation to the Boat Harbour Act.

The people of Pictou County have taken the brunt of poison for 53 years to many. The world is watching. Please do the right thing.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:10:23 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In this time of environmental crisis we must protect the air and water. Please close this outdated facility, give the workers a pension and stop desyroying our forests. Name: Email:

@gmail.com Address: Municipality: Antigonish Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 60 y: 28

**From:** [@xplornet.com](mailto:@xplornet.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** You have got to be kidding  
**Date:** November 5, 2019 8:17:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Here , supposedly, Nova Scotia has adopted some kind of plan to do with Climate Crisis. As much as I don't agree with the words Climate Crisis, I do believe that the environment is under destruction.

The very fact that you are looking at cutting emissions and what can be done here is NS to lower the footprint , how in good measure can you possibly even think of extending Boat Harbor in Any way. How can you in good measure possibly consider to let this company Northern Pulp continue on any seconds past the deadline.

You have already been to easy on them with no fines or light fines for their indiscretions against the air, water and land around the area.

It is time for the Government to understand that this is NOT wanted, the toxins are NOT wanted.

It is time for the Government and their Environment section to stand up, clean up and fix this mess as was intended and agreed to and time for you to look after the people YOU WORK FOR and stop catering to Big Business as you have with this one.

Thanks

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Pictou mill  
**Date:** November 5, 2019 8:28:59 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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The poisoning of the environment must not be allowed to continue. This proposal must be rejected.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Boat Harbour Act  
**Date:** November 5, 2019 8:29:32 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Good morning,

Why does Pictou County have the highest rate of cancer in Canada? Years of breathing in polluted air caused by Scott Paper, now known as Northern Pulp. Try staying in Pictou for a few days when the mill is spewing out their poison. You would be appalled. My family moved to Nova Scotia in 1964, only to have a nightmare built which has caused nothing but heartache. Sure, it employs lots of people, but we will still survive without the mill. Michelin is always looking for good workers. This pipe would kill our beautiful ocean. Please don't let us down, by not honoring what was promised. Thank you for your time.

Sincerely,

**From:** [@tncwireless.ca](mailto:@tncwireless.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:30:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This can not go through..there is no proof it will not hurt the environment. Look what happend with Boat Harbour. And if things go wrong what will we tell our children and grand children Name:  
Email: @tncwireless.ca Address: . Municipality: RR#1  
Westville Postal-Code: bok2ao Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 70 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:31:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing this letter in support of the Northern Pulp Replacement Effluent Treatment Plant in Pictou County N.S. I have worked as a Tradesmen for the past 20 years in Nova Scotia and across Canada. It is always beneficial for us as N.S. workers to have employment in our Province. Northern Pulp employs many in the Pictou County area but also, Tradesmen like myself who feel very fortunate to work in our home province. The Mill benefits many who work there as well as the economic benefits for business in the area. Name: Email:

@hotmail.com Address: Municipality: Port Hastings, NS  
Postal-Code: B9A1L5 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 72 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:33:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I moved to Nova Scotia six years ago because it's a beautiful province that has so much innovation and entrepreneurship opportunities to offer. If Northern Pulp wants to be a part of Nova Scotia's economy it cannot be pumping chemicals into our ocean. There is too much potential downside. I don't understand why Nova Scotia wants to continue to deal with industrial contamination and reclamation costs from the Tar Sands in Cape Breton to Northern Pulp's boat harbour to the gold mine tailings being cleaned up now. Northern Pulp can choose to be a clean mill that benefits every aspect of Nova Scotia or close. It cannot be an indiscriminate polluter. Moving their contamination from Boat Harbour to the Northumberland Strait is not being clean. The risk of contamination would just be shifted from Northern Pulp to every resident of the north shore, every fisherman, every homeowner, every tourist, every person who visits for a beach. Northern Pulp must insure that any effluent be potable water, the strait is not a toxic waste site and cannot be allowed to deteriorate to that level. They must also provide regular publically accessible water quality testing to confirm that they are only putting water in the strait. There need to be assurances that they never open up the valve and allow effluent to flow untreated directly into the Strait backed up by very high fines and regular DOE record checking and water quality testing. It's time Nova Scotia moves forward and be an example to other provinces. We have the ability to lead in innovation and to be socially and environmentally conscious when tackling these type of industries. I don't want Nova Scotia to revert back to a short term heavy industrial mindset. Name: Email: @hotmail.com Address: Dartmouth Municipality: Dartmouth Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:34:02 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: To whom it may concern: Hopefully someone with a back bone. We all know that a pipe in the Strait will not be done. So closure of Boat Harbour will be January 31 2020. No Pipe No Mill. Save our strait, save our forests, save our air we breath. I live on the Strait and my Husband is a fisher and so i am also. This is a very hard way to make a living, just phone and ask the wife. All his hard earned money is invested with this fishing fleet just paid in 2018. So i hope the government realize how many jobs and pension plans are involved. No doubt one half million or more each. You can no longer use Boat Harbour as a dump. This practice is no longer allowed. Honor the agreement January 31 2020. No Pipe. If we lose our certification on this issue it will effect all fishers in Nova Scotia. Poison is Poison Name:

Email:

@gmail.com Address:

P.O. Box

Municipality: Pictou NS Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 8:36:38 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister of Environment,

Your title bestows on you a great burden. As both sides debate this last minute Focus Report tabled by NP.. you must decide .

There is only one solution. That which is right, honourable and just.

That which is the truth.

A very old, expensive, polluting, poisonous mill must close. How can anyone do else wise?

With respect to our water, our air and our children,

Yours sincerely,

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Voyon  
**Date:** November 5, 2019 8:39:46 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

On a besoin de vous pour aider northern pulp

Utilisez votre expertise en tant que travailleuse ou travailleur forestier  
Gardez les choses simples, directes et basées sur des faits  
Mettez l'accent sur le mandat du ministère de l'Environnement de la Nouvelle-Écosse  
Mettez l'accent sur les données scientifiques fournies par des tierces parties dans le rapport ciblé

Envoyé de mon appareil Samsung de Bell via le réseau le plus vaste au pays.

**From:** [\\_hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:46:53 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please honour the Boat Harbour Act. The people of PLFN have been lied to for far too long. Is the wealth of a few worth the lives and livelihood of many. In the Pictou area the air is polluted and choking the people, contributing to lung disease and killing others. Boat Harbour is dead, PLFN was lied to saying the effluent would be harmless. The lies will continue with a pipe in the Northumberland Strait further killing the Strait and killing a multimillion dollar fishing industry and the livelihood of fishermen not only in Nova Scotia but in PEI and NB. Does Nova Scotia need forestry, absolutely, but it needs sustainable forestry. Forestry is not going to go away, it may have to change but no one will die. People in the Pictou area are dying from cancers and other diseases, they are choking from the air they breath. This is not the Nova Scotia I want to live in. Please honour the Boat Harbour Act. Name:

@hotmail.com Address:

Municipality: Fenwick Postal-Code:

# - ##### Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 77 y: 27

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Pulp mill Pictou County  
**Date:** November 5, 2019 8:49:32 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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PLEASE shut this down.  
PLEASE stop the pollution.  
PLEASE. It is wrong.

Respectfully,

Bedford, NS  
Former resident of Pictou Landing

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:50:55 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please consider our children and environment we are leaving behind for them. Profit over planet is leading us to decimated lands and sick people. Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 45 y: 21

**From:** \_\_\_\_\_@gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:52:09 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am placing my name and comments to help identify the negative influence of deforestation. It is affecting our environment now and for the future. Please stop!! Name: \_\_\_\_\_ Email: \_\_\_\_\_@gmail.com Address: Municipality: Dartmouth Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 37 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:56:18 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think we all know that its past time for this practice to end. The poisons, the degradation of our environment, the literal raping of our forests. It has to stop. Take the money we make from this wasteful facility and spend it on supporting unemployed workers and retraining them for more sustainable work. We have to start thinking about these mills and singular projects in a diffrenet way. Diversify the economic risk and treat our environment and the creatures who depend on it with dignity. We have birds going extinct and we keep cutting the trees down! We have a climate heating up and about to beat the crap out of Nova Scotia and we need those trees. Please, for the love of God see the big picture. History will not be kind to the people who still support this nonsense. Name: Email: @gmail.com Address:  
NS Municipality: Falmouth Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:57:13 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support Northern Pulp's request. We can not afford to lose current future jobs. We must find a sustainable solution for all involved. Name: Email: @gmail.com  
Address: Municipality: Troy Postal-Code: Phone: ### ### - ####  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 88 y: 38

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:58:45 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have visited the current treatment some years ago and the final effluent are as clear or better then any municipal treatment facility. The propose new treatment is a great design and represent what new technology can do to help the environment Why is no one talking about the fertilizer run off from PEI?? Name: Email: @gmail.com Address: .  
Municipality: New Glsagow Postal-Code:

**From:** [\\_\\_\\_\\_\\_@auracom.com](mailto:_____@auracom.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:02:10 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Close them up - period.  
Have a look at our forests - or what is left of them. I live in the country and I see everyday  
what is happening. The forests are being ravaged. There is no other word for it. It has to stop  
not only for the future of our land but also the forests are reducing our carbon. Please get out  
to the country and have a look. The pictures are are the facts. Name: \_\_\_\_\_ Email:  
\_\_\_\_\_@auracom.com Address: \_\_\_\_\_ Municipality: New Germany Postal-Code: \_\_\_\_\_

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:04:03 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Stick to 31January2020.  
Name: Email: @hotmail.com Address:  
Municipality: Newport Postal-Code:

**From:** \_\_\_\_\_@ymail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:04:11 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This report shows scientific proof that this is state of art system. This would be great to the province and all communities to have state of art system. Name: \_\_\_\_\_ Email: \_\_\_\_\_@ymail.com  
Address: \_\_\_\_\_ Municipality: Macphersons mills Postal-Code: B2h 5c8 Phone: ###  
### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 65 y: 21

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's October 2019 proposal  
**Date:** November 5, 2019 9:04:49 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Environmental Assessment Branch Nova Scotia Environment P.O. Box 442, Halifax, Nova Scotia B3J 2P8

I am writing in response to Northern Pulp's proposed dumping of effluent via a pipeline into prime fishing grounds of the Northumberland Strait. I am against this proposal.

After reading the report, one would think that having a pulp mill on every acre of Nova Scotia land would be the most wonderful thing for Nova Scotia.

Down to business.

The Minister of the Environment requested additional information on March 29, 2019 and Dillon Consulting had all the answers by October 2, 2019 even though they had one full year to respond. Call me skeptical but I find it hard to believe that all baseline studies required could have been completed, with full scientific validity, and a written report of over 2600 pages prepared for the Minister in that short time period. I would also like to comment that 30 days for the public to read this report and respond with their concerns is not adequate.

In reading the report, I have two major areas of concern. One is the quality of the air ( ) and two is the health of the marine environment not only in the vicinity of the outfall location but to the Northumberland Strait and Caribou Harbour.

I can't even get passed the first page of the Focus Report/Executive Summary before I notice that the summary states: "As has been the case since 1967 via the existing facility, the treated effluent discharge will continue to be discharged into the Northumberland Strait. However, the proposed project will consist of a modernized treatment system enhancing protection of the local receiving environment (water discharge)."

First of all, there is a huge difference between how the effluent ends up flowing into the Northumberland Strait to how the effluent will be discharged into the Northumberland Strait via this proposal. Stantec said this about the current waste process "Primary effluent treatment is provided in the north settling pond (12-h retention time), secondary treatment in an aerated lagoon (8-day retention time), and subsequently in a stabilization basin (20–30-day retention time) (Stantec 2004)." This is far different from the current proposal to pipe the effluent directly into the Northumberland Strait without settling or cooling. And for the focus report to state: "However, the proposed project will consist of a modernized treatment system enhancing protection of the local receiving environment (water discharge)" is absolutely ludicrous. How will dumping effluent into prime fishing grounds enhance the protection of the local receiving environment? This is just the first page. The document then goes on to say that the report provides a science based review including additional data beyond what was in NP EARD submission in January 2019. They have not proven scientifically that dumping 70,000-90,000 litres of heated effluent (37 degrees C) laced with chemicals will not affect the reproduction/health of the all the ocean wildlife. And to say that a model will predict the outcome when there are so many variable in play is bordering on criminal. I

sincerely hope the federal government sent a copy of their News Release issued August 28, 2019 and titled "Full protections for fish and fish habitat under the modernized Fisheries Act now in force" to provincial government departments. The document lists: These changes include: protection for all fish and fish habitats; restoring the previous prohibition against the "harmful alteration, disruption or destruction of fish habitat"; and, restoring a prohibition against causing "the death of fish by means other than fishing,

I would like to know: Who will be liable for the cleanup when one is needed and I expect one will be needed in the future? Who will compensate the inter generational families of fishers' livelihoods when the industry collapses due to contaminants found in the seafood or due to the increase of water temperature and the die off of the marine life? Who will compensate the tourist industry when the Northumberland Strait starts to resemble Boat Harbour? These questions must be answered before the proposal is rubber stamped.

Although ice scour has been studied and ice scour in the Caribou Harbour pipeline route has been documented as a maximum of .4 m, it is also noted that the area is dominated by areas of silty sand, sand and sand/gravel (pg 130 of Appendix 2.2). It is also noted in Appendix 2 that the ice scours are probably from 2018/2019 season. Again my concern is that deeper scours would have filled in naturally due to the silty sand, sand and sand/gravel composition of the seabed and wave action. A pipeline that is 36" or .9144 meters, buried to a depth of less than 3 meters (which would allow the top of the pipe to be exposed to ice scour at a depth of approx. 2.1 meters) does not exude confidence that a future ice scour could not affect the integrity of the pipeline. To recommend in the proposal that the pipeline could possibly be buried at a depth less than that, is not comforting and I would suggest that it not be allowed. One scheduled mapping of the seabed does not take into consideration the frequency of ice scouring in any given area, but only shows the current situation not the probability of ice scouring on the site during the duration of the pipe's operational lifespan (e.g. 20 -40 years). Notwithstanding the pipe, the actual diffusers will not be buried. There is no mention of how ice scour would affect the diffuser or the possibility of the diffuser being ripped apart by the ice. How will that be monitored? I don't believe this would show up as a leak since it would be at the end of the pipe.

I would also like to point out that: Appendix E3, Stantec Receiving Water Study PRELIMINARY RECEIVING WATER STUDY FOR NORTHERN PULP EFFLUENT TREATMENT PLANT REPLACEMENT, PICTOU HARBOUR, NOVA SCOTIA p 4.80-4.81 "Engineering Considerations August 11, 2017. It was reported (in ENSR, 1999) that Maritime Telephone and Telegraph (MT&T) performed an ice evaluation in support of an optical communication cable deployment across the Northumberland Strait. Based on MT&T's review, the estimated potential for damage to the cable from ice scour extended to water depths of 12 to 14 m. In 1991 their cable was trenched and buried to a selected depth (depth is unknown) and left on the surface of the sea bottom at greater depths. Unfortunately, the winter of 1991/1992 was severe and the cable was severed by ice keels at a water depth greater than 18 m towards the Woods Island, PEI side of the Northumberland Strait". With climate change a variable and unknown, it is uncertain how climate change will affect future ice scouring. It is also unknown how the heated effluent will affect the formation of ice. A pipe rupture is a definite concern based on the above information. I understand that there would be a leak detection system in the pipe but the public has been told that before only to find out that it either wasn't true or wasn't working. We the public are still waiting on the findings of the latest pipe leak at the North Pulp facility.

Another area of concern for me is the tourist industry. With the diffuser being placed 3.6 km offshore within the Northumberland Strait and 3 km from the ferry terminal and less than 1 km from the ferry route, what lasting impression will tourists have to brown foaming water on their way to visit or leaving Nova Scotia.

My initial concerns from my first letter still stand. One cannot read this document without noticing

how many times the information is still “estimated” or “expected”. This is not scientific proof.

The other area of concern is the Air Quality.

Instead of just saying I have concerns, I would like to refer to the “Pilot study investigating ambient air toxics emissions near a Canadian kraft pulp and paper facility in Pictou County, Nova Scotia Emma Hoffman<sup>1</sup> & Judith R. Guernsey<sup>2</sup> & Tony R. Walker<sup>1</sup> & Jong Sung Kim<sup>2</sup> & Kate Sherren<sup>1</sup> & Pantelis Andreou<sup>2</sup> Received: 15 December 2016 /Accepted: 21 June 2017 /Published online: 15 July 2017 # Springer-Verlag GmbH Germany 2017” which you received in the first round of public comments and states in their conclusion “Findings reveal that 1,3-butadiene, benzene, and carbon tetrachloride exceeded their respective cancer risk thresholds and are of primary health concern in terms of population risk.

Additional Air Quality Issues. The new proposal also shows a plan to burn contaminated sludge in the power boiler which raises new threats to air quality. The waste sludge contains toxins which would be released through the stacks of the mill’s power boiler. The proposal is to "dewater the sludge prior to mixing it with bark and other wood waste for combustion in the mill's power boiler." This is the same power boiler that is currently and repeatedly failing stack emissions tests. Problems with air quality from mill emissions have been documented for years. Lack of appropriate monitoring and enforcement already puts area residents at risk. Now, Northern Pulp is considering adding sludge containing toxins to the combustion mix, increasing health risks from NP’s air emissions. Recently a group of scientists decided to measure the levels of VOCs (volatile organic compounds) in Pictou County with an ambient air monitor. They chose Granton as the location and they found that when the mill blew toward the monitoring station that the cancer risk thresholds for VOC levels were exceeded. They also studied the seasonal wind directions and determined that the mill mostly blew in other directions where no monitoring stations were ever located to measure VOC levels. The study concludes by recommending that monitoring stations should be installed in higher populated areas such as the town of Pictou where exposure is greater. But instead of installing more monitoring stations to measure VOC levels the Provincial Government removed the monitoring station in Granton. The VOC monitoring station in Granton was decommissioned - An email response from NSE (Nova Scotia Environment) states "Environment Canada decided to decommission the Granton VOC monitor in 2015 after they analyzed the 10 years of data and determined there were no pollutants of concern in the area" - Yet this attached study is contradictory to the findings of this ambient air study. According to the NPRI data on Environment Canada's website the VOC levels were not reduced since the installation of the new precipitator at Northern Pulp. The precipitator is designed to filter out visible particulate but does not lower the VOC levels. So Northern Pulp is still currently releasing cancer causing levels of VOCs and we can only assume this would become much worse once they would begin to burn their dried up waste sludge in their already failing power boiler. The study shows that VOC levels (volatile organic compounds) in the air around Pictou County "exceeded their respective cancer risk thresholds and are of primary health concern in terms of population risk. Results highlight associations with wind direction and the Granton NAPS site's ambient VOC concentrations in relation to location of the pulp mill". But most importantly the study revealed that there are no monitoring stations located in many of the populated areas that are susceptible to the pollution coming from the mill - "Findings suggest that Granton's NAPS site is not positioned to accurately represent ambient levels of toxicity in PC." And the study concludes that NSE should install the proper monitoring stations such as in Pictou where there is "higher residential exposure". This should also include places like New Glasgow, Trenton, Pictou Landing, Westville, Stellarton and other areas around the County where the population is being exposed. Northern Pulp also doesn’t have "Continual Emissions Monitoring" CEM on all of their stacks like other mills in Canada are required to do with live streaming to a website for everyone to see exactly what chemical compounds are being released and whether or not they are surpassing the risk thresholds. Since this study was done (and since the new precipitator was installed), the NPRI data on the

Environment Canada's website shows very little change in the amounts of VOCs being emitted to the present day. AND for some reason the Granton VOC air monitoring station was decommissioned approximately three years ago. From NPRI data - Northern Pulp's Self Reported VOC Levels from 2010-2016: 2010 – 118 2011 – 108 2012 – 143 2013 – 144 2014 – 140 2015 – 132 2016 - 136 See Volatile organic compounds <http://ec.gc.ca/inrp-npri/donnees-data/index.cfm>... In light of this new information about high cancer causing VOC levels coming from the mill, several monitoring stations would be required because readings from any one monitoring station will only detect pollutants from the mill if the wind happens to be blowing that way - the mill is the point source. An even better solution would be the mill having continuous air monitoring (CEM) on each of the three main stacks with set limits monitored by a third party and real time data made available to the public.

“2.3 Practical and Security Considerations The final locations of stations will be constrained to sites with adequate security, vehicle access, set-back from roadways, and access to power. The sites will be developed and maintained in order to prevent unauthorized access and vandalism.” Why don't we know the locations now? And why is it up to NP to finalize the locations.

In my opinion no amount of exceedances of air contaminants is acceptable.

In regards to wetlands:

Once again everything is wonderful. NP can chew up the wetlands to put their pipe in but there is no impact to the wetlands. A total of 2ha will be disturbed and the worst part of all is that it is not in one area but in 13 different areas. Just because the province or NP owns some of the wetlands, does not make it acceptable for NP to think ram through their pipe proposal and state that there will be no lasting effect after disturbing the numerous wetlands.

“ Clearing and grubbing activities will take place outside of the nesting periods for turtles (avoiding the May – late July period) and breeding birds (avoiding mid-April to late August)( Regional nesting Zone C3 – Environment Canada guidance - <https://www.canada.ca/en/environment-climatechange/services/avoiding-harm-migratory-birds/general-nesting-periods/nesting-periods.html#toc0> ), or if this is not possible, a trained biologist will conduct a pre-commencement turtle nesting survey or bird nesting survey to confirm no nesting is present in the project area and/or develop mitigation in discussion with NSLF.” Once again I highly doubt that this part of the project will be put on hold for the months of April – August, nor can I see a trained biologist paid for by NP to take the time to walk the project in front of the bulldozers to ensure that no bird nests or turtle nestings are being destroyed. It sounds commendable that NP is willing to have training put in place but call me skeptical for thinking that heavy equipment operators will be on the lookout for turtle nestings and bird nests. It is a feel good statement only as we have seen with past clear cutting where this requirement was also in place but not honoured. Better and cheaper to ask for forgiveness than ask for permission.

Summary: In 1966, unscrupulous provincial government officials convinced the First Nation to sign over Boat Harbour for the pulp effluent, with false promises that Boat Harbour would hardly be affected. Within days, all the fish were dead. Eventually, Boat Harbour became a toxic wasteland. In the absence of a Federal Assessment, I would hope that the current government with its conflict of interest will do the right thing and not allow the moving of toxic effluent from Boat Harbour to Caribou Harbour.

To reiterate, closure of the pulp mill may result in short term economic hardship but persistence of the pulp mill spewing its noxious wastes is by far the greater crime and as such I would recommend against the proposed changes to the effluent water management from that site.

It's time we started looking after our resources for our future generations.

Yours sincerely



**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:08:44 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am not convinced by the Focus report that effluent that will be released into the Northumberland Strait will have no affect on the environment. The report says the effluent will disperse quickly, within 10 metres of the discharge pipe, however, where will it end up or accumulate? Just because it disperses quickly, doesnt mean the currents will not bring it to a specific location where the chemicals will accumulate. What temperature will the effluent be? What will the affect be on the ambient temperature at different distances from the discharge point? How will that affect sea life? Also, based on the severe weather and ice in the Northumberland Strait, what are the guarantees that the pipe will not suffer damage and result in the effluent being discharged at a different point along the pipe, much closer to the shoreline? Lastly, this effluent discharge has a greater reach than what is being promoted in the report. What will be the affect on southern shores of PEI and the northern shores of New Brunswick? Name: BSc, MEng  
Email: [@ns.sympatico.ca](mailto:@ns.sympatico.ca) Address: Municipality: New Glasgow, NS  
Postal-Code:



**From:** @freemanlumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:13:12 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support Northern Pulp's effluent treatment facility project. Everything I have read in both the initial EA and focus report leads me to believe this project is extremely low risk and should be approved. After all the studies and increased scrutiny the design and plan remain unchanged. I am a  
and every one of the direct full-time  
150 jobs my company supports depend on the continued operation of Northern Pulp. This isn't about jobs versus the environment. This about having both a vibrant fishing industry and forest sector that will continue to co-exist for generations. Northern pulp has not cut corners with this project. They are proposing to use industry leading technology to treat their effluent on site. This is a dramatic improvement as there would be no chance for untreated effluent to be released. The pipe that they plan to use is extremely tough will feature leak detection and be buried most of the way to the diffusers. I don't see there being a risk to the watershed with these safeguards in place. The site where the treated effluent will be released is ideal in terms of mixing with predicted 100 times dilution within 2M of the diffusers. The studies in the focus report prove that the impacted area would be less than initially predicted in the EA. The most important thing to note is that there is minimal marine life in that area and satellite imagery show that the site isn't a fishing ground. There is also no evidence of ice scour in the area. It isn't the cheapest route for the effluent to flow but it's the best possible outcome for the environment. All the modeling shows that the new treatment facility will meet all current and proposed pulp mill effluent and air quality regulations. In my opinion this makes this project impossible not to approve. There are 22 Canadian kraft pulp mills in Canada. They all have a pipe that releases effluent into a body of water. Northern Pulp will be a leader among these companies in terms of environmental impact when this project is completed. This process should be about science and I believe the science supports the approval of the project. Name: Email:

@freemanlumber.com Address:

Municipality: Greenfield Postal-

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment.

When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

Sincerely,

Enfield, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

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Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam. Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

Sincerely,

Nine Mile River, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

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When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Nine Mile River, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
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PO Box 442  
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November 4, 2019

Via fax: 902-424-6925

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Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



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Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Nine Mile River, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
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PO Box 442  
Halifax, NS B3J 2P8



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Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

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Sincerely,

Enfield, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



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Chaswood, NS

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Lantz, NS

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Elmsdale, NS

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**Response to Northern Pulp Replacement of Effluent Treatment Facility**

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Sincerely,

Enfield, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

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East Gore

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The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

Sincerely,

Dutch Settlement, NS

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 4, 2019

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Bible Hill, NS

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November 4, 2019

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Hardwoodlands, NS

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Oakfield, NS

Response to Northern Pulp Replacement of Effluent Treatment Facility

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I am not in favour of giving Northern Pulp an extension and I feel the government should close Boat Harbour on January 31, 2020.

Sincerely,

Nova Scotia

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

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Personally, I believe there a better solution than the pipeline. I would really hat to see the Northumber Strait looking like Boat Harbour. That is disgusting.

Sincerely,

Upper Rawdon, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

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Sincerely,

Wellington, NS

Response to Northern Pulp Replacement of Effluent Treatment Facility

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



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When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has concluded that it is unlikely that sediment will build up in either the near or far-field.

The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp.

Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

Sincerely,

Elmsdale, NS

October 25, 2019



Environmental Assessment Br.  
Nova Scotia Environmental  
PO Box 442  
Halifax, NS  
B3J 2P8

TO WHOM IT MAY CONCERN

Hello, my name is \_\_\_\_\_, and a member of Local 244, Pipefitters, Plumbers, Sprinkler fitters, here in Antigonish Co.

I have been in this local for over twenty years and rely heavily, along with my family members on Northern Pulp as it produces employment, not just for trades, but thousands of forestry working families.

By now, everyone is aware of the effluent issue at Boat Harbour, where people are very concerned, and I understand this would leave a negative attitude among the surrounding community, but I also believe that if something is broke you fix it. Once again time is the factor, especially when environmental assessments must be put into place, but unfortunately this does not happen over night. Tensions can run high on this issue, but if two sides can work together instead of working against each other, maybe this issue can be rectified.

Therefore, the employment rate in Nova Scotia has not been exactly perfect for a very long time, lets work together to help and try to change this statistic.

Thank you for listening, a concerned tradesman,



Environmental Assessment Branch  
Nova Scotia Environment  
PO Box 442  
Halifax, Nova Scotia  
B3J 2P8

November 2, 2019



Re: Northern Pulp Replacement Effluent Treatment Facility

I support the continued operation of Northern Pulp provided it meets the necessary environmental standards the following are my reasons:

- Decisions such as this should be based on science not emotion. If emotion is allowed to over-rule science we will make unwise decisions time and time again based on mob-mentality.
- While not directly related to this application, during the summer of 2014, the mill should probably have been closed for air quality violations until repairs were made or at least have been more heavily fined. In my opinion the perceived inaction of both the mill and Nova Scotia Environment played a major role in the opposition the mill faces today. Since the installation of the precipitator was completed there has been very little if any odor/air quality issues from the mill.
- The mill has been sending effluent into the Strait for over 50 years, over that time the quality of the effluent has improved significantly and from what I have read meets all the necessary standards and has not in fact failed an assessment of the treated effluent since the mill took over operation of the facility. Other than information provided by the "NO" side that continually focuses on decades old information.
- The largest polluter of the Strait is the Province of PEI, largely due to agricultural run-off, the studies show that 95% of the nitrates in the Strait come from PEI, with only 5% coming from NB and NS combined.
- The Province has been promoting the need to develop our export business yet appear to be working to drive one of our largest exporters out of business. A business with owners who have proven their willingness to significantly invest in their business to meet all requirements. What message are we sending to any other business interested in investing in Nova Scotia? As a Province we should be working to keep this company in business not moving the goal posts.
- Northern Pulp is the largest exporter through the Halifax Port Authority, and supports thousands of jobs throughout Nova Scotia. We as a Province are not in a financial position to shoot ourselves in the foot, because one side has more rallies, signs and marketing or screams louder than the other; all of which have nothing to do with science.
- The mill generates "new" money into the Province, many other employers rely on recycling money. This Province needs revenue generators.
- The tourism argument doesn't cut it, Pictou very much shuts down after the Labour Day weekend, B&Bs are almost empty, restaurants and shops close, closing the mill won't change that.

- The “NO” side continually bring up issues of health, I have reviewed many reports and have found the health statistics in Pictou County that appear to be of concern are almost all life-style related diseases, this appears to be supported by high rates of smoking, drinking, and obesity within the County. I’ve heard a number of people complain the mill is “killing us” as they stand with a cigarette in hand.
- We are hypocrites; we all use the resulting products and will continue to do so if the mill closes. But we are okay with importing those products from countries with lower labour costs and environmental standards. The “NO” side are not environmentalists, they are simply “NIMBYs”

I support the continued operation of Northern Pulp provided it meets the necessary environmental standards.

Respectfully

Pictou, Nova Scotia

TO: GORDON WILSON

RE: I AM WRITING IN RESPONSE TO NORTHERN PULP'S PROPOSED REPLACEMENT  
EFFLUENT TREATMENT FACILITY PROJECT.



I am an experienced fisherman with 30 plus years in the industry; 20 of those as captain of my own vessel. My homeport is Caribou, NS. I fish commercially for Lobster, Herring, Rock Crab, Scallops and I am also involved in a Bait fishery. (Mackerel and Herring). During the fall Herring fishery i also do acoustic survey work and test nets for the Department of Fisheries and Oceans to check the health of the Herring stocks in the Northumberland Strait. All of my fishing activity is done in this Strait. I am a member of the Caribou Harbour Authority and a member of the Northumberland Fishermans Association. I have lived and worked my entire life in this area and know it well.

In the following pages I would like to address these issues and correct the misinformation i have found in Northern Pulps Focus Report.

- 1) Lobster
- 2) Rock Crab
- 3) Herring
- 4) Mackerel
- 5) Scallops
- 6) species at risk
- 7) mill comparison

## 1) LOBSTER

I would like to point out some false information I have found in two charts in the Focus Report regarding Lobster fishing activities.

Lobster Harvesting chart ( see appendix 7.3, figure 3-11) - This chart only shows a lobster fishery north of the diffuser location.

Northumberland Strait Lobster Buoy location chart (see figure 7.3-3) - This charts shows no lobster buoys within a mile of the diffuser location.

Both of these charts are incorrect. There are approximately 60-80 lobster boats that fish north, south, east and west and around the diffuser location. Northern Pulp cannot eliminate a whole lobster fishery area with the say so of an inaccurate map!

The focus reports states that lobster larvae ( stages 1-3) are free swimmers. They are not free swimmers at this stage and in fact float back and forth with the tide. This makes them vulnerable to temperature changes in the water. (see larvae chart) Northern Pulp plans to pump hot treated wastewater onto prime fishing grounds 24 hours a day for 365 a year.

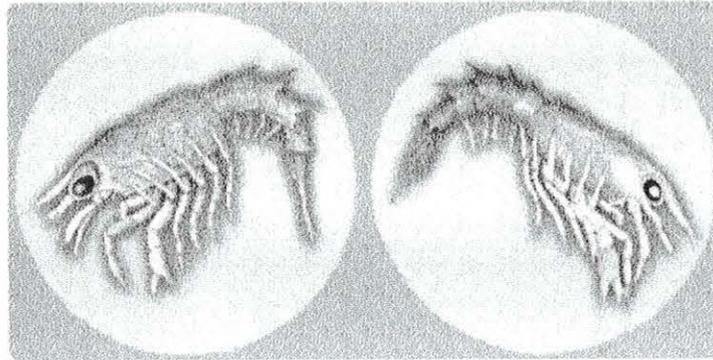
## 2) ROCK CRAB

I am going to address the invalid chart on Rock Crab. (see appendix 7.3 page 3.36, figure 3-14) - It states that there is no rock crab fished within 1 km of diffuser location or fished in depths greater than 10 meters. Again, more false information. Rock crab are fished over the entire Northumberland Strait at depths of 1 meter to 42 meters . The season runs from August to the end of November. Caribou Harbour is especially busy in the fall as the crab migrate toward the shore.

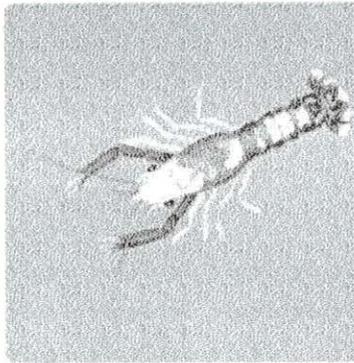
I have attached a picture of my plotter (see chart # 1) I am currently fishing Rock Crab. The red X marks Northern Pulps diffuser location. The different coloured stars mark my crab pots. It shows clearly that I fish around the diffuser location in all depths of water. In fact, I am one of 93 rock crab licenses that fish the Strait. We share this fishing location with rock crabbers from Prince Edward Island, whom are also greatly concerned about the effects this will have on their fishery.

Stage one larva

3. In stage two and three of the planktonic larval phase, the lobster is about the size of a thumbnail. At stage three, larvae have a fully developed tail fan. Since the larvae are not particularly capable swimmers, much of their movement is controlled by wind and water currents. All stages of the lobster grow by molting; a process in which the old, hard shell is cast off and completely replaced with a new one.

Stage two and three larvae

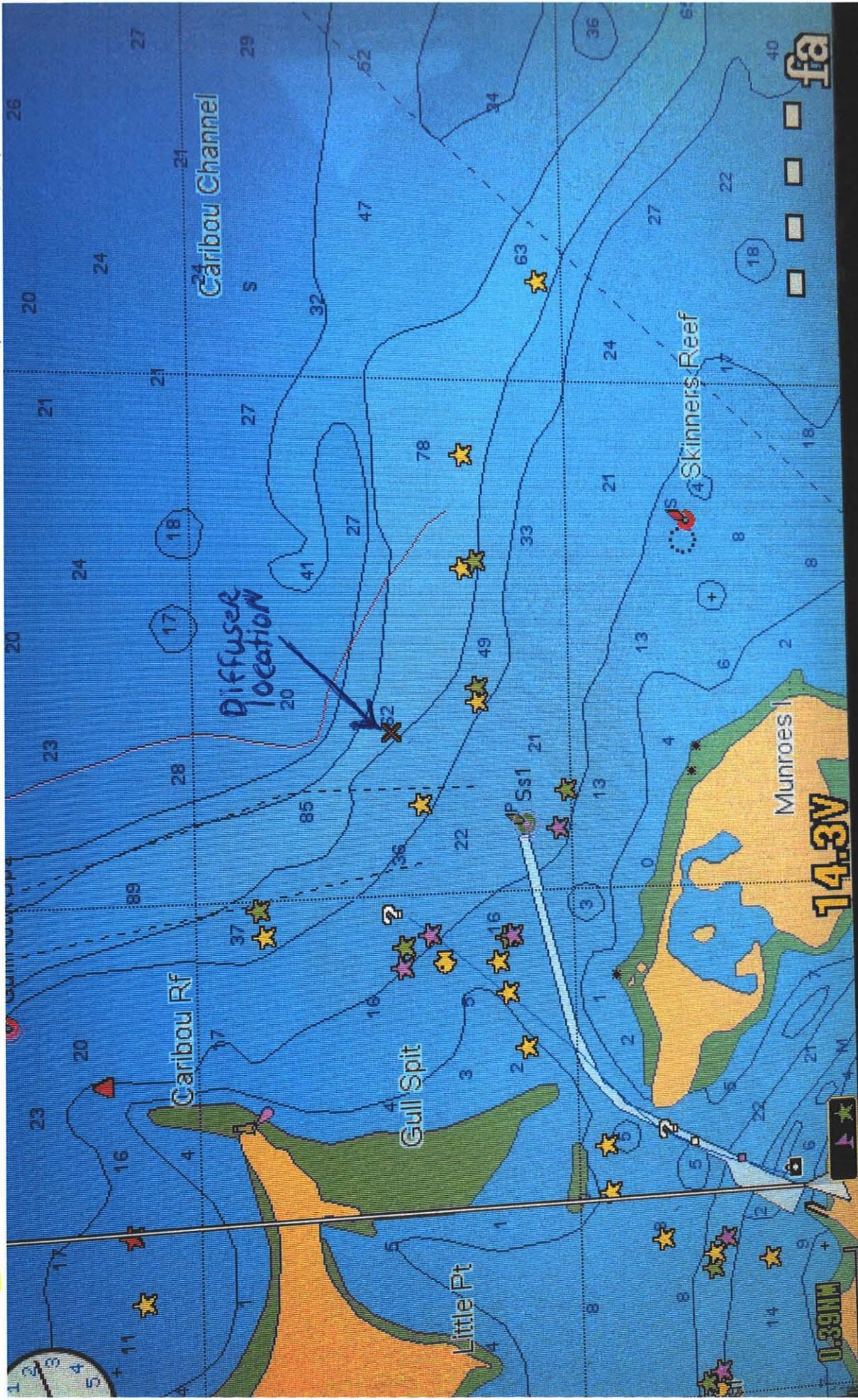
4. In the postlarval stage, the lobster settles to the bottom of the ocean and finds shelter. Young lobsters prefer an inshore habitat of rocks, reefs or grass beds, remaining hidden there for the first years of life. At this stage, the lobster looks like a smaller version of an adult lobster.

Young lobster

5. In the early bottom phase, lobsters are mostly shelter restricted. Although they have developed the ability to move their tail effectively, their overall movement is limited. As they grow larger they begin to move outside their burrows looking for food.

CHART #1 ROCK CRAB LOCATIONS FALL 2017

ROCK CRAB POTS



fa

14.3V

0.35NM

### 3) HERRING

I noticed in the Focus Report another missing fact. (see appendix 7.3, page 3.31)

It describes Herring as migratory and passing through the diffuser location. It also states that Herring resource and harvest areas are located well outside the discharge area. I have personally seen Herring stay in this channel for up to two weeks at a time before moving into shallower water along the channel.

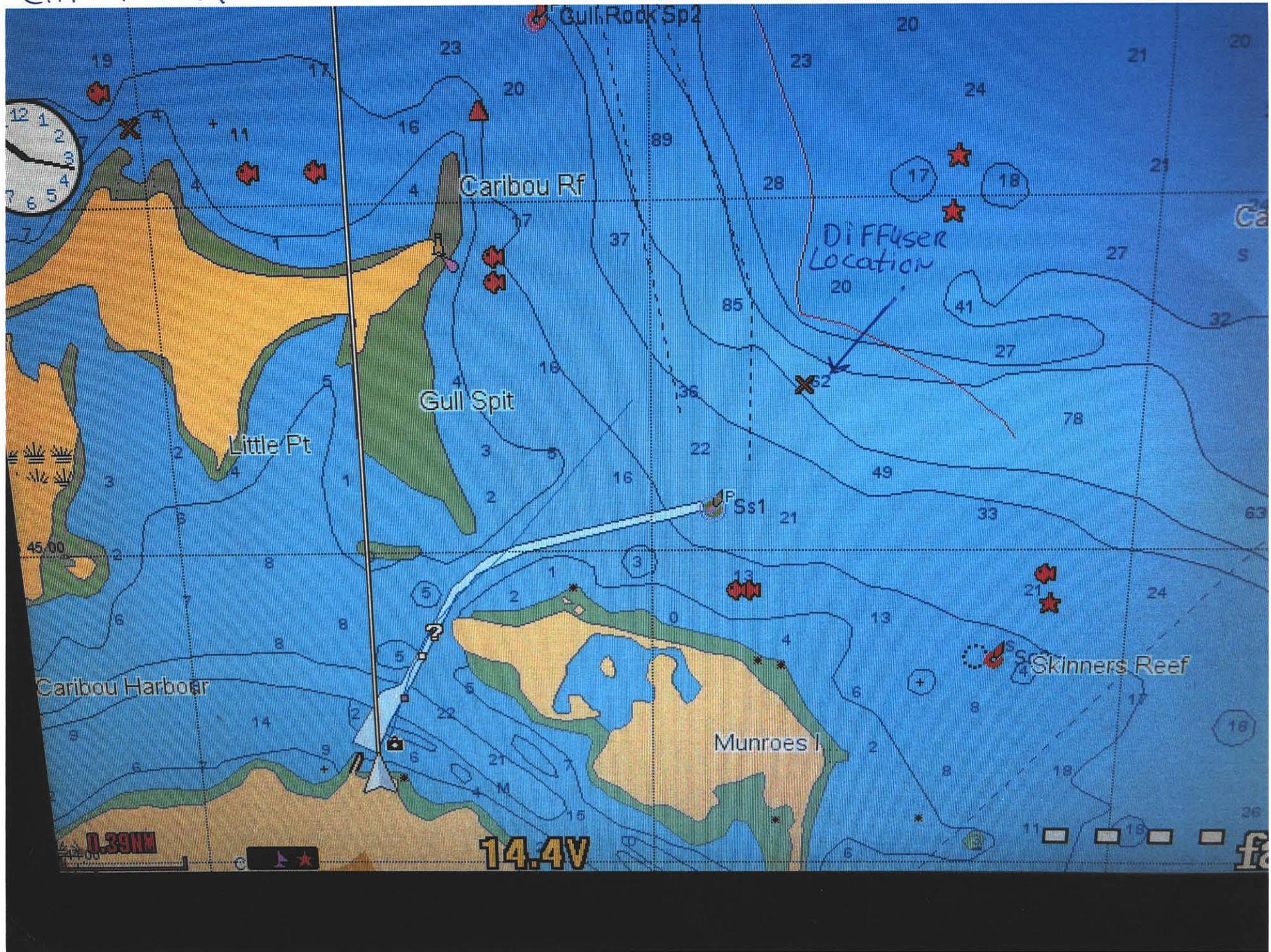
I have attached (see chart # 2 ) my plotter marks where i have harvested herring around the diffuser location. The red stars and fish are my marks.

### 4) MACKEREL

(See Appendix 7.3 Figure 3-12) - This shows no Mackerel fishery around the outfall location of diffuser. It says the nearest Mackerel harvesting area is greater than 2 km away from proposed diffuser location. This is false. I caught Mackerel all through the channel and surrounding area, including this location. It is not only commercially fished here but also recreationally fished. Mackerel is caught at the Caribou wharf on a continuous basis and it had to go through the diffuser location to enter caribou harbour.

I find it very concerning that Northern Pulp has eliminated all the above fish stocks in the diffuser area. They have not portrayed an accurate account of our fishing grounds at all.

CHART #2 Herring redstars and red fish (areas where we harvested herring)



## 5) SCALLOPS

In Focus Report-

(See Appendix 2.5 page 9 figure 1) - This gives the coordinates for the diffuser location as 45 45.49 North and 62 39.37 west. These marks clearly show that the diffuser location is INSIDE SFA 24 ( scallop fishing area buffer zone) and not OUTSIDE like Northern Pulp states. The red line ( see chart 3) attached, is 1 NAUTICAL MILE distance from shore. On bottom left corner of this chart it shows the coordinates of the diffuser location. The outfall location of the diffuser is in fact inside the marine protected area.

Also, Fishers are permitted to fish Scallops anywhere in the (SFA 24) that is outside the 1 nautical mile from shore. If Northern Pulp puts the diffuser outside the 1 nautical mile buffer zone it will interfere with the Scallop Fishery.

CHART # 3 Scallops (Buffer zone)

Red line is 1 Nautical mile FROM SHORE



## 6) SPECIES AT RISK

In Focus Report ( see appendix 7.3, page 3.33 ) - It states that there is no marine fin fish on Species At Risk list located in the diffuser area. This is false. Northern and Spotted Wolfish which is on the species at risk risk list frequents the area and is occasionally caught in the lobster traps. Another Species at risk is the Leatherback Turtle. Fisheries and Oceans states that the Leatherback Turtle migrates to the southern Gulf of St. Lawrence (which includes the Northumberland Strait ) during the summer and fall to feed on jellyfish. Has Northern Pulp done any extensive studies on these Species At Risk? I could not find any of these studies in the Focus Report.

In Focus Report ( see appendix 7.3 figure 3.31) - Its states that there is no commercial fishery for Cunner. What they left out is the fact that Cunner is actually caught in our lobster traps in all depths of water and used for bait to trap lobster.

I have included my Lobster Conditions from DFO with information on species at Risk and Incidental Catch regarding the Cunner for reference.

# SPECIES AT RISK



the Record of Fishing Gear Tags associated with all the licences being fished with this vessel must be kept on board the vessel for the period authorized to fish under this licence.

3.9 When a vessel is used for fishing, all replacement tags issued must be carried on board the vessel unless they are attached to the frame of the lobster trap being fished under this licence. These tags must be produced upon the demand of a Fishery Officer or a Fishery Guardian.

#### 4. DISCARDING

4.1 All lobster must be measured immediately after removal from the trap. If the length of the lobster is less than the minimum length specified by the regulations for the lobster fishing area authorized by this licence or it is a female lobster of a length of 115 mm but not more than 129 mm, it must be returned to the water immediately in a manner that causes it the least harm.

#### 5. INCIDENTAL CATCH

5.1 The licence holder/operator is required to forthwith return all incidentally caught fish of all species, except male rock crab, sculpin and cunner to the water and place from which it was taken; and where it is alive, in a manner that causes it the least harm.

#### 6. SPECIES AT RISK ACT

6.1 In accordance with the recovery strategy for the Northern Wolffish (*Anarhichas denticulatus*), Spotted Wolffish (*Anarhichas minor*), and for the Leatherback Turtle (*Dermochelys coriacea*) the licence holder/operator is permitted to carry out commercial fishing activities authorized under the Fisheries Act that may incidentally kill, harm, harass, capture or take the Northern Wolffish, the Spotted Wolffish or the Leatherback Turtle, as per subsection 83(4) of the Species At Risk Act (SARA).

6.2 Pursuant to the subsections 73(2) to 73(6.1) of the Species at Risk Act, the licence holder/operator is permitted to carry out commercial fishing activities authorized under the Fisheries Act that may incidentally kill, harm, harass or capture a White Shark when fishing under the authority of these licence conditions.

6.3 The following conditions apply:

a) This authorization is only valid while commercial fishing is conducted under the authority of the licence issued under the Fisheries Act in all authorized waters under this licence.

b) The licence holder/operator is required to ensure that, while the fishing activities are conducted, every person on board the vessel who incidentally catches a Northern Wolffish, a Spotted Wolffish, a Leatherback Turtle and a White Shark forthwith returns it to the place from which it was taken, and where it is alive, in a manner that causes it the least harm.

6.4 SARA Reporting requirements when using a paper Lobster Fishery Logbook:

a) Only the Species at Risk Logbook and Species at Risk Logbook - Instructions documents

## 7) PULP MILLS

I would like to do a comparison between three Pulp Mills.

- 1) Northern Pulp (Abercrombie point, N.S.)
- 2) Catalyst Paper Corporation (Crofton, BC)
- 3) Howe Sound Pulp and Paper Corporation (Port Mellon, BC)

In the Focus report, these two mills in BC are used as examples to compare with Northern Pulp proposed effluent treatment system. This is a poor comparison as these two mills have very different circumstances surrounding their outfall diffuser location. (1) water depth (2) tidal flow and (3) no commercial fishery around the two in BC.

NORTHERN PULP - Their diffuser location is in 62 feet of water. On either side of this very narrow channel there is an average of 23 feet of water depth. These are shallow waters with no much tidal action. (average 3-4 feet). See my chart #4 and #5 (water depth and tidal chart)

HOWE SOUND PULP AND PAPER - Their diffuser location is in 400 feet of water. At 1/8 of a mile outside this diffuser there is a water depth of 750 feet. This effluent is going into very deep water. The area also has strong tidal action (average 10-15 feet) See my chart #6 and #7 (water depth and tidal action)

CATALYST PAPER CORPORATION - Their diffuser location is in 230 feet of water. At 1/8 of a mile outside this diffuser there is a water depth of 450 feet. This area also has strong tidal action (average 3-12 feet) See my chart #8 and #9 (water depth and tidal action)

I would also like to mention that the Howe Sound Pulp and Paper Corporation had a 1.4 billion upgrade between 1988 and 1991. They are considered an industry leader with state of the art environmental protection technology. Northern Pulp is a 53 year old mill that has never had a major upgrade to deal with its pollution.

Caribou Harbour is home to the second largest fleet of boats in the Northumberland Strait. There is a very large, multi species commercial fisheries conducted from this wharf alone that is worth millions of dollars to the local economy. Yet, Northern Pulp insists on putting an effluent pipe directly on our fishing area. The two mills out west in BC have no commercial fishery around them. However, they do have a recreational crab fishery in the area. Despite the fact that the effluent is going into much deeper water with better dispersal in these two BC mills, these two mills have dioxin contamination in their crab with human consumption warnings.

The area around Howe Sound Pulp and Paper (Thornbrough channel) has a dioxin contamination and the human consumption of crab should not exceed 55 grams per week. (see info. from DF0 - Chart 10 which i have included)

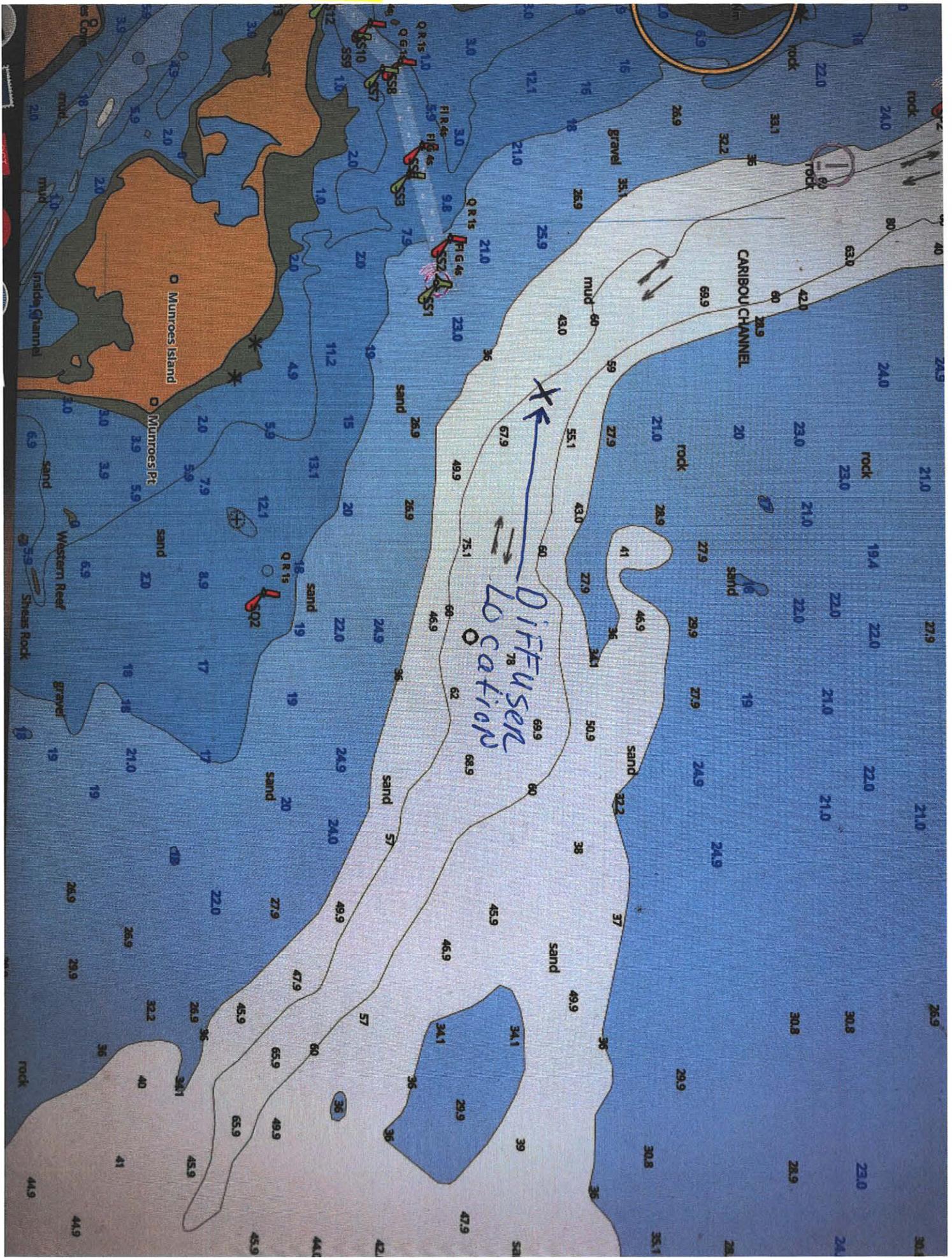
The area around Catalyst Paper Corporation has a dioxin contamination of their crab also. The human consumption of this crab should not exceed 40 grams per week. (see DF0 - Chart 11)

I am very concerned about the potential shellfish contamination around Northern Pulps diffuser location. Our Strait is so much more shallower than these BC mills. The Northumberland Strait has an unique tidal current and does not flush well. In fact, it compares to the flushing of a washing machine, back and forth. In the Focus Report it does not talk about the contamination of their seafood at their mills in BC. This needs to be addressed. If our shellfish is contaminated it will have significant effects on the whole lobster industry in Canada. Northern Pulp has not been able to show us fisherman another example of a Bleached Kraft Mill in the entire world that releases its effluent into such a large lucrative fishery like ours here in the Northumberland Strait. A Strait which is fished by three provinces and is a multi-billion dollar industry. Boat Harbour is an environmental disaster that needs to be cleaned up. How does one go about cleaning a polluted Northumberland Strait? It will be ruined for years. In conclusion , Northern Pulps local knowledge about OUR Fishing Industry is poor, inadequate and lacking key information.

Minister Gordon Wilson, I ask that you reject Northern Pulps proposal.

Thank You

CHART # 7 NORTHERN PuLPs altuser location



11025

#CHART 5 (Caribou)

Fisheries and Oceans Canada

Caribou (#1640)

7 days Tidal Predictions  
Reference: Chart Datum

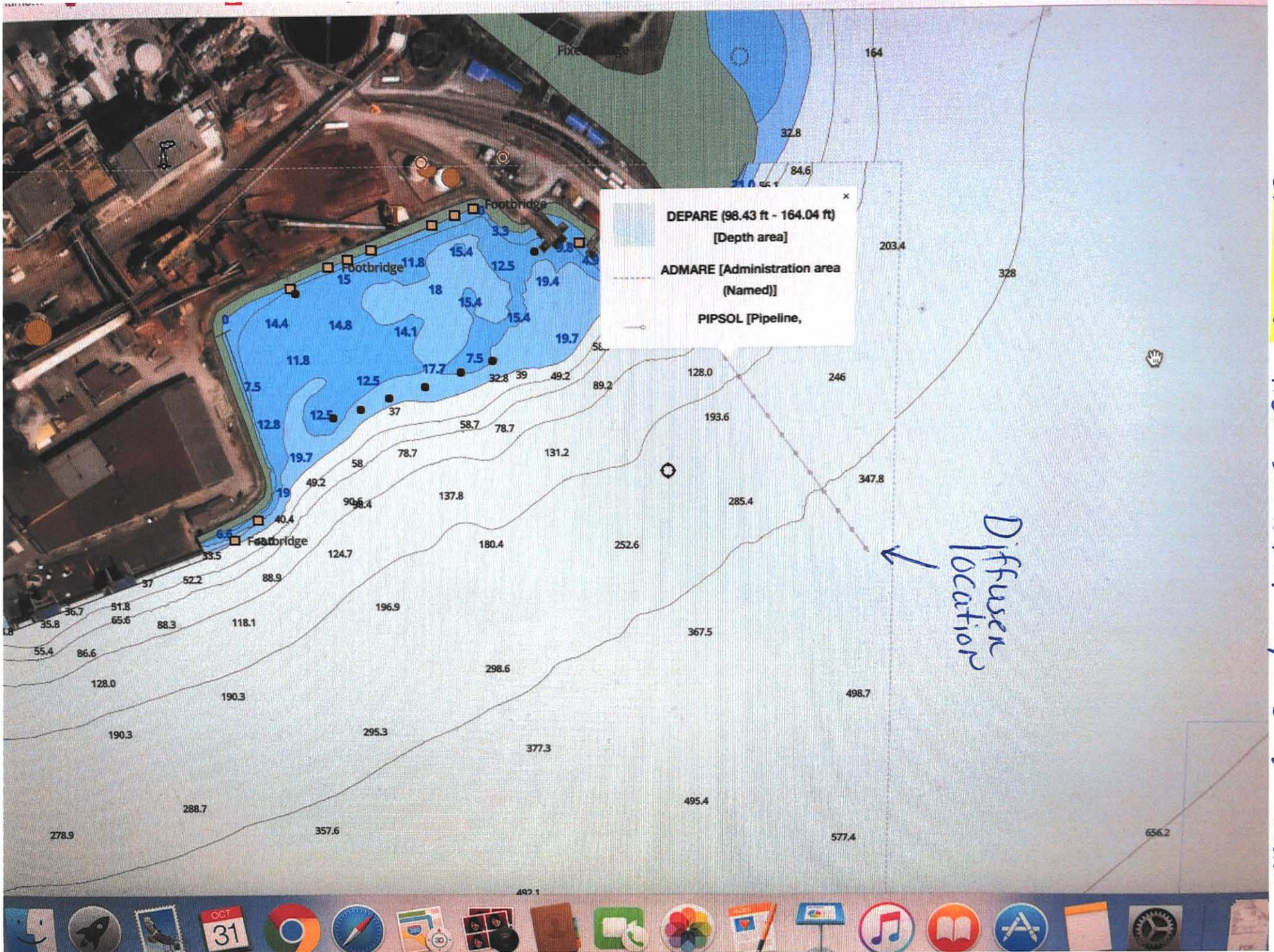
Times and Heights for High and Low Tides

2019-11-06 (Wednesday)			2019-11-07 (Thursday)			2019-11-08 (Friday)			2019-11-09 (Saturday)		
Time	Height		Time	Height		Time	Height		Time	Height	
AST	(m)	(ft)	AST	(m)	(ft)	AST	(m)	(ft)	AST	(m)	(ft)
04:13	1.5	4.9	05:34	1.5	4.9	00:58	0.9	3.0	01:48	0.8	2.6
11:20	0.5	1.6	12:20	0.6	2.0	06:52	1.4	4.6	08:01	1.5	4.9
18:37	1.5	4.9	19:21	1.5	4.9	13:14	0.6	2.0	14:02	0.7	2.3
23:55	1.1	3.6				19:56	1.5	4.9	20:27	1.5	4.9

2019-11-10 (Sunday)			2019-11-11 (Monday)			2019-11-12 (Tuesday)		
Time	Height		Time	Height		Time	Height	
AST	(m)	(ft)	AST	(m)	(ft)	AST	(m)	(ft)
02:32	0.7	2.3	03:12	0.5	1.6	03:52	0.4	1.3
09:00	1.5	4.9	09:53	1.6	5.2	10:40	1.7	5.6
14:43	0.8	2.6	15:20	0.9	3.0	15:56	1	3.3
20:55	1.6	5.2	21:23	1.7	5.6	21:51	1.8	5.9

Predicted Hourly Heights (m)

Date	Hour																							
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
2019/11/06	1.2	1.3	1.4	1.5	1.5	1.5	1.4	1.2	1.0	0.8	0.6	0.5	0.6	0.7	0.8	1.0	1.2	1.4	1.5	1.5	1.4	1.3	1.2	1.1
2019/11/07	1.1	1.1	1.2	1.3	1.4	1.4	1.4	1.4	1.2	1.0	0.8	0.7	0.6	0.6	0.7	0.9	1.1	1.2	1.4	1.5	1.5	1.4	1.2	1.1
2019/11/08	1.0	0.9	1.0	1.1	1.2	1.3	1.4	1.4	1.4	1.2	1.1	0.9	0.7	0.6	0.7	0.8	0.9	1.1	1.3	1.4	1.5	1.4	1.3	1.1
2019/11/09	0.9	0.8	0.8	0.9	1.0	1.1	1.3	1.4	1.5	1.4	1.3	1.1	0.9	0.8	0.7	0.8	0.9	1.1	1.3	1.4	1.5	1.5	1.4	1.2
2019/11/10	1.0	0.8	0.7	0.7	0.8	0.9	1.1	1.3	1.5	1.5	1.5	1.3	1.1	0.9	0.8	0.8	0.9	1.0	1.2	1.4	1.5	1.6	1.5	1.3
2019/11/11	1.1	0.8	0.6	0.5	0.6	0.7	0.9	1.2	1.4	1.6	1.6	1.5	1.4	1.2	1.0	0.9	0.9	1.0	1.2	1.4	1.6	1.7	1.7	1.5
2019/11/12	1.3	1.0	0.7	0.5	0.4	0.5	0.7	1.0	1.3	1.5	1.6	1.6	1.5	1.4	1.2	1.0	1.0	1.0	1.2	1.4	1.6	1.7	1.8	1.7



CHIT...  
TOWE...  
Location

**CHART # 7** (Howe Sound) Pulp + Paper

Gibsons (#7820)

→ This is the closest tidal station to Howe Sound Pulp + Paper

7 days Tidal Predictions  
Reference: Chart Datum

Times and Heights for High and Low Tides

2019-11-02 (Saturday)			2019-11-03 (Sunday)			2019-11-04 (Monday)			2019-11-05 (Tuesday)		
Time	Height		Time	Height		Time	Height		Time	Height	
PDT	(m)	(ft)	PDT	(m)	(ft)	PDT	(m)	(ft)	PDT	(m)	(ft)
03:30	1	3.3	04:18	1.3	4.3	05:11	1.6	5.2	06:13	1.9	6.2
11:20	4.7	15.4	12:18	4.7	15.4	13:15	4.6	15.1	14:07	4.6	15.1
17:15	3.4	11.2	18:57	3.3	10.8	20:24	3.1	10.2	21:14	2.8	9.2
20:58	3.7	12.1	21:54	3.4	11.2	23:26	3.2	10.5			

2019-11-06 (Wednesday)			2019-11-07 (Thursday)			2019-11-08 (Friday)		
Time	Height		Time	Height		Time	Height	
PDT	(m)	(ft)	PDT	(m)	(ft)	PDT	(m)	(ft)
01:17	3.2	10.5	02:48	3.3	10.8	03:54	3.5	11.5
07:21	2.1	6.9	08:27	2.3	7.5	09:24	2.4	7.9
14:51	4.6	15.1	15:27	4.5	14.8	15:57	4.5	14.8
21:48	2.6	8.5	22:17	2.3	7.5	22:43	2.1	6.9

Predicted Hourly Heights (m)

Date	Hour																									
	PDT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
2019/11/02	2.6	1.9	1.4	1.0	1.0	1.4	1.9	2.7	3.4	4.1	4.5	4.7	4.7	4.5	4.1	3.8	3.5	3.4	3.4	3.5	3.7	3.7	3.6	3.4		
2019/11/03	2.9	2.4	1.9	1.5	1.3	1.4	1.7	2.2	2.9	3.5	4.1	4.5	4.7	4.6	4.4	4.1	3.8	3.5	3.3	3.3	3.3	3.4	3.4	3.4		
2019/11/04	3.2	2.8	2.5	2.1	1.8	1.6	1.7	2.0	2.5	3.0	3.6	4.1	4.5	4.6	4.6	4.4	4.0	3.7	3.4	3.2	3.1	3.1	3.2	3.2		
2019/11/05	3.2	3.1	2.9	2.6	2.3	2.0	1.9	2.0	2.2	2.6	3.1	3.7	4.1	4.5	4.6	4.5	4.3	3.9	3.5	3.2	2.9	2.8	2.9	3.0		
2019/11/06	3.1	3.2	3.2	3.0	2.8	2.5	2.3	2.1	2.2	2.4	2.8	3.3	3.8	4.2	4.5	4.6	4.4	4.1	3.7	3.2	2.9	2.6	2.6	2.7		
2019/11/07	2.9	3.1	3.3	3.3	3.2	3.0	2.7	2.5	2.3	2.3	2.5	2.9	3.4	3.9	4.3	4.5	4.5	4.3	3.9	3.4	2.9	2.5	2.3	2.4		
2019/11/08	2.6	2.9	3.2	3.5	3.5	3.4	3.2	2.9	2.6	2.4	2.5	2.7	3.1	3.6	4.1	4.4	4.5	4.4	4.0	3.5	3.0	2.5	2.1	2.1		



Crofton (#7450)

7 days Tidal Predictions  
Reference: Chart Datum

Times and Heights for High and Low Tides

2019-11-02 (Saturday)			2019-11-03 (Sunday)			2019-11-04 (Monday)			2019-11-05 (Tuesday)		
Time	Height		Time	Height		Time	Height		Time	Height	
PDT	(m)	(ft)	PDT	(m)	(ft)	PDT	(m)	(ft)	PDT	(m)	(ft)
03:02	0.7	2.3	03:50	0.9	3.0	04:44	1.1	3.6	05:47	1.4	4.6
11:24	3.7	12.1	12:20	3.7	12.1	13:11	3.7	12.1	13:57	3.7	12.1
16:59	2.9	9.5	18:59	2.7	8.9	20:33	2.5	8.2	20:59	2.3	7.5
19:57	3	9.8	20:22	2.8	9.2	22:27	2.5	8.2			

2019-11-06 (Wednesday)			2019-11-07 (Thursday)			2019-11-08 (Friday)		
Time	Height		Time	Height		Time	Height	
PDT	(m)	(ft)	PDT	(m)	(ft)	PDT	(m)	(ft)
00:37	2.5	8.2	02:18	2.6	8.5	03:29	2.7	8.9
06:59	1.6	5.2	08:07	1.8	5.9	09:02	1.9	6.2
14:36	3.6	11.8	15:08	3.5	11.5	15:34	3.5	11.5
21:24	2.1	6.9	21:50	1.9	6.2	22:15	1.7	5.6

Predicted Hourly Heights (m)

Date	Hour																							
	PDT	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22
2019/11/02	1.6	1.2	0.8	0.7	0.8	1.1	1.6	2.2	2.7	3.2	3.6	3.7	3.7	3.6	3.3	3.1	2.9	2.9	2.9	3.0	3.0	2.9	2.8	2.4
2019/11/03	2.0	1.6	1.2	1.0	0.9	1.0	1.4	1.8	2.3	2.8	3.3	3.6	3.7	3.7	3.5	3.3	3.0	2.9	2.8	2.7	2.8	2.7	2.7	2.6
2019/11/04	2.3	2.0	1.7	1.4	1.2	1.1	1.3	1.6	2.0	2.4	2.9	3.3	3.6	3.7	3.7	3.5	3.2	2.9	2.7	2.6	2.5	2.5	2.5	2.5
2019/11/05	2.5	2.3	2.1	1.8	1.6	1.4	1.4	1.5	1.8	2.1	2.6	3.0	3.4	3.6	3.7	3.6	3.4	3.1	2.8	2.5	2.4	2.3	2.3	2.4
2019/11/06	2.5	2.5	2.4	2.2	2.0	1.8	1.7	1.6	1.7	1.9	2.3	2.7	3.1	3.4	3.6	3.6	3.4	3.2	2.9	2.5	2.3	2.1	2.1	2.2
2019/11/07	2.3	2.5	2.6	2.5	2.4	2.2	2.0	1.8	1.8	1.8	2.1	2.4	2.8	3.1	3.4	3.5	3.5	3.2	2.9	2.6	2.2	2.0	1.9	2.0
2019/11/08	2.2	2.4	2.6	2.7	2.7	2.6	2.4	2.2	2.0	1.9	2.0	2.3	2.6	2.9	3.2	3.4	3.5	3.3	3.0	2.6	2.2	1.9	1.7	1.7

*Howe Sound (up + paper)*

Species	Areas	Measure Type	Measure Value
	28-1,28-3	Dioxin Contamination (g/w)	Consumption of crab hepatopancreas should not exceed 55g/week - consumption of crab hepatopancreas harvested in Howe Sound in subarea 28-3 and portions of subarea 28-1, in the waters of Thornbrough Channel, bounded on the north by a line from McNab Point on the mainland southwest to Ekins Point on Gambier Island, and on the south by a line from Gower Point to the southern tip of Home Island, thence north to Keats Island and along the western and northern shore to Cotton Point, thence west of a line to the government wharf at Gambier Harbour on Gambier Island, should not exceed 55 g/week.
	28-1,28-2	Dioxin Contamination (g/w)	Consumption of crab hepatopancreas should not exceed 130g/week - consumption of crab hepatopancreas harvested in Howe Sound and the Strait of Georgia in subareas 28-2 and 29-1 and portions of subareas 28-1, 29-2 and 29-3, in the waters bounded: on the north by a line from Brunswick Point west to Irby Point on Anvil Island and along the shoreline to Domett Point on Anvil Island, west to McNab Point on the mainland, on the west by a line from McNab Point to Ekins Point on Gambier Island that follows the eastern and southern shoreline to the government wharf at Gambier Harbour, then proceeds south to Cotton Point on Keats Island and along the eastern and southern shoreline, south to Home Island and continues from southern tip of Home Island west to Gower Point, then follows the shoreline north and west to Reception Point, then on the south by a line that goes from Reception Point east to a point 1.5 km true south of Cape Roger Curtis on Bowen Island, and finally east to Point Atkinson, should not exceed 130 g/week.
	28-8,28-10	Reminder	Closed to harvesting of all crab species per navigational closures in sub-areas 28-8 (False Creek) and 28-10 (Burrard Inlet)
King Crab	Coastwide	Sex Restriction	It is prohibited to possess female King crab
Dungeness Crab	Coastwide	Packaging and Transporting	In order to be accurately measured, the carapace of Dungeness crab that you catch must remain attached until the crab arrives at your residence or it is consumed.
		Sex Restriction	It is prohibited to possess female Dungeness crab

← source (Dept. of Fisheries + Oceans)

CITRAC # 11 (Caitlyn's 1988 Corp.)

Species	Areas	Measure Type	Measure Value
		Reminder	Keep navigation channels clear of buoys and lines. Any fishing gear that interferes with safe navigation can be removed under the Navigation Protection Act.
Crab	17	Reminder	Combined daily limit for Dungeness crab, red rock crab, box crab, Puget Sound king crab and all other king crab is 4.
	17	Time of Day Restrictions	Daylight Hours - It is illegal to set or haul crab traps from one hour after sunset to one hour before sunrise; overnight soaking of traps is allowed.
	<u>North of Winchelsea Islands</u>	Gear Restriction	No anchorage and no trap or bottom contact fishing area:
	<u>Nanaimo (Harmac)</u>	Dioxin Contamination (g/w)	Consumption of crab hepatopancreas should not exceed 105g/week
	<u>Crofton</u>	Dioxin Contamination (g/w)	Consumption of crab hepatopancreas should not exceed 40g/week
King Crab	Coastwide	Sex Restriction	It is prohibited to possess female King crab
Dungeness Crab	Coastwide	Packaging and Transporting	In order to be accurately measured, the carapace of Dungeness crab that you catch must remain attached until the crab arrives at your residence or it is consumed.
		Sex Restriction	It is prohibited to possess female Dungeness crab
Red Rock Crab	Coastwide	Packaging and Transporting	In order to be accurately measured, the carapace of Red Rock crab that you catch must remain attached until the crab arrives at your residence or it is consumed.
		Sex Restriction	It is prohibited to possess female Red Rock crab

### Area Descriptions

Area	Map	Area Description
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**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

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Sincerely,

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I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has concluded that it is unlikely that sediment will build up in either the near or far-field.

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Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

Sincerely,

Antrim, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment.

Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

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Sincerely,

Dutch Settlement, NS

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November 4, 2019

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I am also worried people will loose their jobs, including my husband who hauls wood out of the province.

Sincerely,

Meaghers Grant, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

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Sincerely,

Middle Musquodoboit, NS

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:13:17 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support Northern  
ment effluent facility. Name: Email: @eastlink.ca Address:  
. Municipality: Greenfield Postal-Code: B6L 4H6 Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 11 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:15:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am opposed to Northern Pulp's proposal to pump their effluent into the Northumberland Strait. In 2015 the legislature passed an act that gave a deadline of January 1, 2020 for closure of the Boat Harbour effluent treatment plant. This was supported by all three political parties indicating recognition of the environmental degradation it has caused. With this firm deadline in place, Northern Pulp dragged their feet in taking any actual steps to replace the facility, which would be required to remain operational. The report of the environmental assessment was only submitted in January 2019. A report which government review indicated was inadequate. Even if the proposed treatment process was acceptable, there would not be sufficient time to construct the facility and associated infrastructure in time to meet the January 2020 deadline. This cynical approach by the owners of Northern Pulp should not be rewarded. Also the proposed discharge to marine waters, I understand should be a trigger requiring an environmental review by the federal government. This EA is a deficient, flawed process. The people of Nova Scotia are already going to spend hundreds of millions of dollars to clean up Boat Harbour. We cannot risk more environmental degradation to burden our children's future. Protection of the environment is vital. Decisions made in the past can no longer be justified based on current knowledge. A rigorous and thorough environmental assessment is required for consideration of any undertaking. There are still many unknowns on the potential impacts of discharge of the effluent into the Strait. Name: Email:

t@gmail.com Address:

Municipality: Halifax

Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:19:24 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think done correctly  
this project plays a key part in the growth of the forestry sector and all of Nova Scotia. Name:

Email: @gmail.com Address: Nova Scotia  
Municipality: Smiths cove Postal-Code:

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:19:44 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support Northern  
Pulps replacement effluent treatment facility project. Name: Email:  
@eastlink.ca Address: Municipality: Halifax Postal-Code:  
B3M 4A9 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 57 y: 19

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:22:16 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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@eastlink.ca Address: Municipality: Greenfield Postal-Code: B6L 4H6  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 63 y:  
19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:25:32 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp should granted an extension to the Boat Harbour Act to ensure that all opportunities are being explored to keep the forest industry strong and healthy in Nova Scotia. Name:

Email: @gmail.com Address: Municipality: Halifax  
Postal-Code:

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 5, 2019 9:29:49 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have carefully reviewed the Focus Report submitted by Northern Pulp NP because, as a citizen of the Town of Pictou, the future of the pulp mill, the Forestry Industry, Boat Harbour, the Fishing Industry, Pictou Landing First Nation PLFN, and the general health of my environment matter deeply to me. I came into the report undecided, and I read it with an open mind "if there is a path forward that supports all stakeholders, and allows industry to continue unimpeded, then that's the path I want to take. I reflected especially upon Premier McNeil's comments from 26 September in the Chronicle Herald that, "the final decision on whether the new effluent treatment facility gets the go-ahead must be based on science and reason." And, as he requested, I offer feedback on Northern Pulp's focus report that zeroes in on science and environmental impacts. I need to be upfront and frank. Based on this focus report, there is no acceptable path forward for the new treatment facility. There are so many issues in this report " errors in their logic, poorly displayed and misrepresented statistics, and a general underhandedness in their approach to the issues that I, as a citizen, care deeply about. I cannot list all of the issues I found in the space provided, so I will limit myself to three. I want to talk about the science and environmental impacts on the forestry industry, the fishing industry, and the citizens of Pictou County. A common defence of NP is that the forestry industry requires it to be sustainable. The reality is that the forestry industry in Nova Scotia is not sustainable in its current form. On page xxi, the report claims that NP runs a truly sustainable business, because of their forest management strategies. However, according to research done for the DNR by Noseworthy and Arp, it takes 120 years for a forest to rebuild nitrogen levels sustainably, and Northern Pulp keeps their forests on a rotation of ~45-50 years, guaranteeing a lack of sustainability for the province's forests. We are cutting down trees younger and younger, to fill the demand of the three pulp mills in Nova Scotia. This depletes nitrogen and other essential nutrients in our soil, leading to environmental and biodiversity issues. The only long term, sustainable solution for our forestry industry is to reduce the number of pulp mills most studies suggest one as the maximum Nova Scotia can sustain, increase the time in between forest clearings, and plan our forestry industry around a model that is environmentally sustainable. Extending NP's operations will actually make our industry less sustainable in the long term, despite what short term gains may be gleaned from our quickly depleting soils. So, extending NP weakens our forestry industry in the long term, and it has the potential to drastically weaken our fishing industry as well. Repeatedly throughout the effluent assessment, the focus report claims that the newly treated effluent will be comparable to the current effluent. See page 33, "As such, since the current and proposed ETFs are anticipated to have comparable performance, the data collected from Point C can be used to accurately represent what the effluent from the replacement ETF would resemble." But all stakeholders agree that current effluent is unacceptable. Look at Boat Harbour! Further, the focus in the report on effluent treatment to remove "effluents that could cause potential immediate and severe harm acute lethality to fish" Focus Report, 26 is entirely the problem. Immediate lethality is important to stop, but so is prolonged exposure damages, which is what most stakeholders are concerned about, for humans and for ocean life. The

report does not adequately address this, but one might hope that NP recognizes the oversight. Sadly not. On page xxxvii NP lists their responsibilities. They do not take any responsibility for the resulting impact on lobster and marine life and stocks in the Northumberland Strait, the largest concern fishermen have for the project. This washing their hands of the issue is, frankly, disgusting. Their approach makes me feel physically nauseated. We can see that the extension of NP definitely weakens the forestry industry in the long term, and very probably weakens the fishing industry. What impact will it have on the citizens of Pictou County? Will air quality improve? Pages 4 and 5 of the focus report claims that air emissions will be the same as they currently are, with potentially some new emissions from the new processes. And that's comparing against current emissions, not against the scenario of no emissions from the plant. Will effluent be cleaner? We already saw that it's anticipated to be similar to now, and now gave us Boat Harbour. Will the Mi'kmaq of PLFN be better consulted? On page 12 the focus report reads "there is a proposed process for consultation for project proponents when dealing with projects which may have impacts on Indigenous rights and/or title. Northern Pulp has reviewed this process and incorporated the principles for consultation into this project." Translation "they did not follow the process as suggested by the Mi'kmaq-NS-Canada Framework. So, no, far from the course in not adequately consulting with First Nations. NP actually claims their hiring of Mi'kmaq students to do digging activities page 12 to be meaningful engagement. I can think of few statements more condescending or colonial. In my view, based on the science and environmental impacts that NP itself put forward, the extension of NP seems to have primarily negative impacts on the citizens of Pictou County, and they are much weightier than the small, positive impact of jobs at the plant. The reasons not to extend are manifest and convincing. The reasons to extend are pitiful and short sighted. This is an opportunity to set standards for Nova Scotia appropriately, to uphold environmental policy, to protect and defend the rights of all Nova Scotians. The government should act accordingly, honour the Boat Harbour Act, not offer an extension, get to work cleaning Boat Harbour, and restore our lands to a sustainable model of forestry. Will there be some real pain for some citizens? Yes. Will support for them be required to help in this transition? Yes. But a government should lead for the wellbeing of its people, not run from its fear of lost votes. Leadership is hard, but it's the only defensible approach to governance. I hope this government will honour its promises, and be a leader for the rights of its citizens. Name: \_\_\_\_\_ Email: \_\_\_\_\_@gmail.com Address: \_\_\_\_\_

t Municipality: Pictou Postal-Code: \_\_\_\_\_

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 9:39:33 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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This is a travesty! There has not been the proper environmental studies done from day 1. Please stop this project from going ahead, Boat Harbour needs to be cleaned up and the Pulp Mill needs to have a closed loop system - or be shut down. Our environment and our waters are not replaceable - they are our only world.....

NO PIPE

REJECT

ToneyRiver, NS

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 9:49:10 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Hello, I am writing as a concerned citizen and cottage owner on the Strait. The First Nations people have suffered greatly as a result of the pollution going into Boat Harbour - their backyard food sources and medicine gone, health struggles and beautiful land destroyed. We must stop the environmental racism. We must honour the deadline of January 2020. ( I am in my early 50's and I have had several peers die from cancer that had ties to the area - all non-smokers and healthy living. )

The solution to pollution is not dilution. The Northumberland Strait needs to be valued for its fishery and tourism potential. I have had the opportunity to spend time on both the Strait and the south shore and I think the only thing holding back tourism on the strait is the Mill. The smog coming from it stinks and can travel hundreds of kilometres depending on the wind. I have seen the brown bubbly polluted water near Tatamagouche as well. We need to think long term with our solutions and putting millions of toxic effluent in the strait on a daily basis is not the answer. We are living in a Climate Emergency. Let's think long term.

Thank you for your attention to this matter!

Lower Sackville, NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:49:57 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project should either not take place at all or should be a closed loop system. The fact that we're even discussing putting effluent in the harbour in 2019 is indicative of the backward thinking that takes place in Nova Scotia. I'm a longtime Liberal but will vote for whoever takes the lead on rejecting this. Name: Email: @gmail.com Address: Municipality: New Glasgow Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:50:10 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: 2019. Hell almost 2020 and here we are still destroying our forests and polluting our waters. Slowly killing off our animals which use these forests ,as the poisons trickle along each waterway for the animals to drink. Get rid of Northern Pulp. I mean all the CO2 emissions. Having a pipe sending disgusting polluted used chemicals in the water ....heading towards our not yours Northern Pulp....Ours !! No pipe ,no boat harbour no Northern Pulp No more destroying our forests here in NS. Name: Email: @hotmail.com Address: Municipality: Windsor Postal-Code: B0n2t0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 79 y: 28



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:02:49 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Changes must be made, the solution is not pollution. Dumping pollution of any kind is not the answer. The Environmental laws are destroying our Country and World. Take a hard stand and stop the pollution. Name: Email: @gmail.com Address:  
Municipality: Pictou Postal-Code: B0K1H0 Phone: ### ### - #### Fax: ### ### - ####  
email\_message: Privacy-Statement: agree x: 79 y: 18

**From:** @marwoodltd.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:03:19 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a business owner and currently employ over 200 direct employees in the NS Forest sector. It is with great concern that the government has not provided the necessary leadership to this issue. The forest industry is highly integrated and we are all dependent on each other. Industry investments have slowed and we question the future. We are getting the wrong message from government. Believe in the science, keep the politics out of it! Name: Email:  
@marwoodltd.com Address: Municipality: Postal-Code: Phone: ### ## - ####  
Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 59 y: 28

**From:** \_\_\_\_\_@gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:08:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Boat harbour was a crime to humanity and a disgrace and disrespect to a native community this crime has gone on for too long please honour the Boat Harbour act and bring back a little respect to its people,as a Canadian and a person living in Pictou N.S i canâ?Tt help but feel a bit ashamed to be a Canadian ,when discrimination like this was allowed in our country and in our community of pictou county n.s,there are no excuses that can sugar coat this crime to a people ,we canâ?Tt talk about other countries crimes to the planet ,when Canada allows something like this to go on for 50 years,let us be able to pick our heads up and once again say we are proud to be Canadians, we need a Government that is a Real Canadian,it takes more then just words to be one just because your born here does not make you true.Its your actions behind your words.

yours sincerely

Name:

Email:

@gmail.com

Address:

Municipality: Pictou Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:10:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: northern pulp is an average pulp mill, and they have already made a quite a few changes to comply with the new regulations but they need time to make these changes. Rome was not built in a day after all. if the government would just give them an extension so they can make the necessary changes it will make it better for the environment with out loosing the jobs we badly need as Canadians to survive. i am for giving northern pulp an extension so they can make their changes without having to shut down. Name:                      Email:                      @hotmail.com Address:  
Municipality: camperdown Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:16:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: There are to many wrongs in allowing to have the effluent pipe going into the Northumberland Streight for me to get into because English is my second language. I strongly agree with all the points of Friends of the Northumberland Sraight are making. Most of all I'm horrified that an extension to the Boat Harbour Act and the environmental racism is even considered. My hope and expectation is that Premier Stephen McNeil's legacy will be the closing of Boat Harbour on January 30, 2020! Name: Email: @gmail.com Address: 4 Municipality: Durham Postal-Code: B0K1H0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 83 y: 28



**From:** [@tbh.net](mailto:@tbh.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:22:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am encouraging Nova Scotia Environment to approve Northern Pulps Replacement Effluent Treatment Facility Project! It will make difference in the lives of employees, spouses, children, grandchildren, the family dog Charlie and so many more. Name:            Email:            @tbh.net Address:  
Municipality: Thunder Bay Postal-Code:

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:23:27 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I beleive they deserve a second chance because Nova Scotia needs Forestry. Looks like a win win for everyone. Name:

Email: @live.ca Address: , Municipality:

Port Mouton Postal-Code:

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:27:18 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Forestry is an important industry for rural Nova Scotians. Lots of people depend on it. Please allow this facility to be built. Name: Email: @hotmail.com Address: Municipality: Postal-Code: B0J 2K0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 63 y: 31

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:36:20 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Paper Excellence NPNS is a vital part of the Nova Scotia economy supporting 11,500 jobs. Local families are able stay in their communities with work in Nova Scotia. The mill itself is not stand alone but part of a process utilizing sawmill byproducts. Unlike many other biomass processes which essentially burn the whole tree for heating/power, NPNS has the sawmills produce construction lumber and then takes their chips byproduct to produce pulp and their bark byproduct to produce Green Energy via a power boiler, acquiring 92 renewable efficiency. While the proposed improved treatment plant is new the effluent has existed for over 50 years with sustainable and rich fishing fields coexisting. NPNS has successfully made great efforts to reduce odor emissions, particulate stack emissions and greenhouse gasses in recent years in support of climate and the local community. NPNSs new proposed treatment facility will meet Canadian Marine guidelines and NS Environmental standards. NPNS should be allowed to continue to support the vital forest industry in NS with the standards being met. Name:

Email: t@live.ca Address: Municipality: Riversdale Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:36:32 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: To whom it may concern, The cost is greater than the gain. There are better uses for our forest and the risk of permanently damaging and polluting our water and fisheries is too great. Please do not allow this to happen. Close as promised. Sincerely, A very concerned citizen. Name: Email: @gmail.com Address: Municipality: Antigonish Postal-Code: B2G 2N8 Phone: ### - ##### Fax: ### - ##### email\_message: Privacy-Statement: agree x: 44 y: 35

**From:** [\\_hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:36:38 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I really hope to see this project go forward. The steps being put in place are above and beyond what many of us thought and expected. This industry is crucial in so many ways but in a time when unemployment is high, it would be sad to see so many families put in that category including mine when such great efforts are being made in a positive direction. Name:

Email: @hotmail.com Address: Municipality:

Bridgewater Postal-Code:

**From:** [Environment Assessment Web Account](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Pipe Proposal feedback  
**Date:** November 5, 2019 10:38:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Please see below feedback regarding Northern Pulp's proposal to dump toxic effluent into the Northumberland Strait. I lived my entire life on the Northumberland Strait and this has been the biggest threat in my 40 years to the environment, waterways, health of community and ecosystems. This is 2019.. times of dumping in oceans and spewing endless amounts of air pollution will not be tolerated nor should be allowed. The years of total disregard for the First Nations and residents of Pictou county to maximize profits of Foreign Corporate owners has gone on too long. The Liberal government made a promise to close Boat Harbour on time January 2020 and 1000s and 1000s of people are going to hold them accountable to that. As Stephen MacNeil stated "the Mill has had 5 years to come up with a plan" and we expect the deadline to be honored and no further destruction to the environment and health of those people, wildlife and supporting ecosystems jeopardized. There is a lot of wordy stats and downplaying of the severity of dumping toxic effluent into the Strait in Northern's Pulp's latest EA submission. This company has one interest in mind, and it is not protecting the Northumberland Strait or providing a healthy environment for the community. What kind of company intentionally leaves out the make up the effluent? Why did Northern Pulp initially submit an EA that appeared to be created by a How is the public suppose to trust this company when they have done nothing in 5 years and still say a toxic pipe dumped into the ocean is their only solution. The fact of the matter is if a community member got caught dumping anything into a waterway we would be investigated and charged. This company has had spills and breakages going to Boat Harbour but yet the the amount of effluent spilled and all information surrounding it is not shared with the public after repeated requests. Why is that? Why is the company being protected after they continually cause negligence to the environment?

Concerns listed below:

1. "No significant adverse residual effects were identified" for all categories. This is not accurate. Meeting regulations shouldn't give anyone a sense of relief. The regulations are 25 years old and NP has done the bare minimum to test. How can a company of this size do all this testing within such a short time frame. They certainly weren't testing in the 4 years prior to the deadline. Their results can not be trusted.

Pulp mill effluents continue to have harmful impacts on fish, fish habitat and the environment. Information gathered through environmental effects monitoring (EEM) at all Canadian mills points to the disturbing conclusion that although mills are meeting regulations and passing the PPER toxicity test, 70% are having harmful effects on aquatic life and habitat, and 55% are having harmful effects on the larger environment.

Long term impacts on reproduction and growth are not regulated under PPER. Federal regulations cover only a few of the recognized harmful substances in pulp mill effluent. For example, there are no federal regulations for AOX compounds, a component of pulp effluent in mills that bleach with chlorine or a chlorine compound. AOX compounds are

recognized as extremely toxic. They are not easily broken down by bacteria and thus bioaccumulate in the environment. Yet they are not included in PPER regulations. Neither are phenols, toluene, chloroform or chemical oxygen demand (COD).

Evidence exists that bleached pulp mill effluents affect the dominance of floral species. The community structure of the periphyton in a southern U.S. river shifted toward a heterotrophic population near the bleached pulp mill effluent discharge point but recovered to control characteristics at downstream stations(224) . A more widespread situation exists in the Baltic Sea. Page 32 [https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/ewh-semt/alt\\_formats/hecs-sesc/pdf/pubs/contaminants/psl1-lsp1/pulp\\_mill\\_effluents\\_pate\\_blanchie/pulp\\_bleaching-pate\\_blanchie-eng.pdf](https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/ewh-semt/alt_formats/hecs-sesc/pdf/pubs/contaminants/psl1-lsp1/pulp_mill_effluents_pate_blanchie/pulp_bleaching-pate_blanchie-eng.pdf)

Tainting-- Whole bleached pulp mill effluents can cause tainting in commercial species of fish and shellfish. Several reviews list constituents of bleached pulp mill effluents responsible for tainting . Fish tainting may be caused by chlorinated or nonchlorinated components of bleached or unbleached pulp mill effluents. Whole bleached pulp mill effluent can cause tainting in fish at concentrations as low as 0.5.

For perspective, concentrations of 1% elicit the more sensitive sublethal effects in fish. Field studies confirm that tainting may occur at that concentration, although some results appear to be confounded with natural "offflavours". For example, a field study on the Ottawa River found fish that had been caged for 48 hours became tainted as far as 2.5 km downstream of the bleached pulp mill effluent discharge site Pg 35 [https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/ewh-semt/alt\\_formats/hecs-sesc/pdf/pubs/contaminants/psl1-lsp1/pulp\\_mill\\_effluents\\_pate\\_blanchie/pulp\\_bleaching-pate\\_blanchie-eng.pdf](https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/ewh-semt/alt_formats/hecs-sesc/pdf/pubs/contaminants/psl1-lsp1/pulp_mill_effluents_pate_blanchie/pulp_bleaching-pate_blanchie-eng.pdf)

2. Incomplete marine studies with many species not studied such as Trout, Salmon, Striped Bass. Lake Trout was listed in the Food Survey – Lake Trout are fresh water species and only exist in a select few lakes in NS. This indicates that Northern Pulp nor its Consultants do not understand the Species of the Strait. The fact they included Lake Trout signifies how out of touch with reality they are.

3. Pipe Route -Pictou Water Supply – This is outrageous. A town water supply for thousands of people should not be risked. The potential impact to potable water supplies if a release occurs from the pipe line is a significant concern. There is already a nation wide investigation into toxic metals in drinking water and now Northern Pulp wants to further risk contaminating drinking water with heavy metals?????

<https://www.thestar.com/news/investigations/2019/11/04/is-there-lead-in-your-water-canada-wide-investigation-exposes-chronic-extreme-exceedances-of-toxic-metal.html>

4.The documents and studies conducted by NP did not engage the Public which was one of the requirements of the Focus Report.

5. The species at Risk was severely down played in the EA. Dozens of Endangered and Species at Risk along the ETF and Pipeline footprint and very short periods of time were used to assess the risk on this species.



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:43:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: NORTHERN PULP has had 5 years to clean up their emissions and havent done so.Its sad to see the job losses,but this mill needs to be shut down until they stop polluting our waters.Their clear cutting of forests is a disgrace ,too. Name: Email: @gmail.com Address:  
. Municipality: BRIDGEWATER Postal-Code:

**From:** [@yahoo.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:44:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Excellence Paper has invested in Nova Scotia to keep the Boat Harbor Pulp and Paper Mill competitive and are willing to spend another 130 million dollars to support a new modern effluent facility. Lets keep Nova Scotia moving forward by supporting the construction of this facility and keep this Mill operating. Name:                      Email:                      @yahoo.com Address:  
Municipality: Spruce Grove Postal-Code: T7X0B3 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 78 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:55:44 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Hon. Gordon Wilson Hi my name is \_\_\_\_\_ and I have worked in the forestry industry for 40 years and the last 30 years at Northern Pulp. I have 2 daughters, one daughter is an environmental engineer and the other is a mechanical engineer. They to have worked at Northern Pulp as summer students. The proposed facility will benefit a lot of people in Nova Scotia. Boat harbor will be cleaned, forestry in Nova Scotia will be maintained and there will be many jobs saved. All of which generate tax revenue for Nova Scotia. If Northern Pulp is forced to close Nova Scotia will not have the tax revenue it needs for schools, hospitals, or health care which is in despair now. Northern Pulp's facility will reduce the water usage, and have no impact on the fishing community. Boat harbors outflow is in the strait now and has been for over 50 years and has had no impact on the fishing. The science is there that within 5 meters of the diffuser the ocean water will meet Canadian marine guidelines as well within 2 meters the difference between the treated waste water and ocean will be less than 1C. My family and I enjoy swimming in our ocean at our beautiful beaches that we are very proud of. Mr. Minister the science is there and for the sake of Nova Scotia and all the workers here please approve the Environmental Assessment that Northern Pulp has submitted. Thank you

Name: \_\_\_\_\_ Email: \_\_\_\_\_@hotmail.com Address: \_\_\_\_\_  
Municipality: Trenton Postal-Code: \_\_\_\_\_

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:56:27 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs industry leaders like Paper Excellence/Northern Pulp, who care about the people and the environment and who want to improve and make things right. We need businesses like this to stay in our province to help boost the economy and keep Nova Scotians employed IN Nova Scotia. As far as its impact on the local fishery is concerned, from what I understand, the effluent from the mill has been going into the straight for the last 50 years and the fishery has been doing just fine in that area. Putting in a new state-of-the-art treatment plant will only help to decrease the mills environmental footprint. The effluent entering the straight will be significantly better than what we have today, not worse, and will not have a negative impact on the fishing industry. We cant punish Northern Pulp because of mistakes that were made in the past by someone else. They need to be given the opportunity to proceed with the new effluent treatment plant in order to make things right and be more environmentally friendly and an extension is required in order for them to be able to do that. Name:

Email: @gmail.com Address: Municipality: Trenton Postal-Code

**From:** @Gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:59:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not live in the province of Nova Scotia but this story effects all provinces and it is time for our governments to act to save good jobs and at the same time be environmentally conscious. I

Local 200 in Windsor, Ontario and we have just watched another manufacturing plant close and leave for a third world jurisdiction. They left for cheap wages but they also left so they could spill there pollution in a different country but the same world. Our governments need to put the carbon tax on incoming products from countries that exploit the laws and use this money to upgrade the facilities here to keep good jobs otherwise they will just cut our trees down take our raw materials and make the finished product somewhere else exploiting the same laws that our government closed them here for. Keep the work here, lets get back to making the finished product and lets support the companies that want to stay with an environmental strategy that has the polluting countries of the world that want to do business here held accountable, not at the expense of hard working families who expect our leaders to come up with a strategies to help keep companies here by working together for solutions in a changing world. Name:                      Email:                      @Gmail.com Address:

Municipality: Essex Postal-Code:



## Focus Report of Northern Pulp.

@gmail.com>

Thu, Oct 31, 2019 at 6:53 AM

Mr. Gordon Wilson,  
Minister of Environment,  
Gov. of Nova Scotia,  
P.O. Box 442, Halifax, NS,  
B3J 2P8

Re: Focus Report of Northern Pulp

Dear Mr. Wilson,

We, the undersigned, are property owners and residents on Caribou Island, and we will be directly affected if Northern Pulp is allowed to implement its plan to put a pipeline into Northumberland Strait. We do not want this to proceed. We have read and heard much from both sides of the argument concerning the planned piping of treated effluent into Northumberland Strait and having reviewed both sides of the issues, feel that we must take a stand to try to keep this from happening.

On the face of it, it just seems like an insane idea. Think about it: even after being treated, this sludge remains full of many types of toxic waste which will end up in the fishing grounds and beaches of the entire coastal area. In addition, what remains behind as solids is to be Burned on Northern Pulp property! So, along with poisoning our waters, they intend to spew even more pollution into the air than they already do! Crazy!

Given our harsh and stormy weather any time of the year and the frozen ocean /strait in winter, it will be extremely difficult or even impossible to access the pipe to "fix" any breakages or leaks. The very nature of the ocean floor's movements and currents at Any time of the year will play havoc with the security of the pipe. WHEN, not IF, a leak occurs, poison waste will leak out which may go undetected . Even if detected, it will likely be ignored or not addressed properly. After all, the Mill, regardless of who has owned it, simply does not have a good track record of taking care

of its environmental problems. An underwater pipeline is an invitation to disaster.

We have heard stories that the Mill itself is suffering from maintenance problems and that its very life-span is limited to perhaps another 5-10 years. If that is the case, why not just end the misery and call a DNR- 'Do Not Resuscitate'? After the hundreds of millions of dollars already 'invested' , is it not time to say Enough?

And yes, as property owners and residents of Caribou Island,

we have a stake in the outcome of this situation. We enjoy the pristine beauty of the beach and for most of us, generations of our families have enjoyed swimming and playing in the clean water and safe environment of the Strait. We all want to see that lifestyle preserved. If the pipeline goes through, it very well may not survive.

It is not only the pollution of the water, the land and the demise of the fishery that is a concern to all who live here... it is the very Air that we breathe. Despite some Mill improvements, many people have respiratory problems that are directly and indirectly related to the stack discharges and current mitigation has not done much for those already sick. These stories are well documented. All of this will only get worse with the addition of burned solids from the new proposed settling pond.

We are well aware that people are afraid of the economic effects of a Mill closure - and yes, they will be dramatic.

They are also inevitable because the Mill is not going to be here forever. Here in Pictou County there is often a tendency to be negative about the future when a major industry is lost. We have suffered , but survived, the loss of Trenton Works and many other companies over the years. When the CNR ended its business in Moncton, there was much doom and gloom, but that city not only survived - it has thrived! And Pictou County can as well. We all need to work together to ensure that the attitude of despair and fear does not continue to divide us and create animosity to the point where it seems hopeless that things can and will get better, not worse, if the Mill closes.

We see no sensible solution other than the closure of Northern Pulp if there is no better and more viable answer to the effluent problem than the planned pipeline. The pollution of Boat Harbour needs to be ended, not extended. To anyone seriously reviewing the science and the research and the whole picture, closure should be a 'no brainer'. There is just too much at stake for a pipeline to be created in the Strait. Let the taxpayers' financial blood-letting finally end , and

after compensation is made to the victims of this environmental debacle, let's get on with living cleaner, healthier and prosperous lives here in Pictou County.  
Let sanity prevail. Enough is Enough! NO PIPE!

Signed,

C. I. property owners for over 30 years  
@gmail.com

Year Round Residents  
Caribou Island property owners for over 36 years  
@gmail.com

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Abercrombie Pt pulp mill  
**Date:** November 5, 2019 11:01:28 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

1. Keep your promise to Pictou Landing First Nation
2. We have paid enough to keep the mill going. Any further payouts should go to employing people (creation, training, who lose their jobs when the mill closes - because it will. Nothing lasts forever, but the fishery has more built-in longevity than the pulp mill. we have to eat. We can find a substitute for TP.
3. People in Pictou County complained about government support for the Sydney steel mill, and it closed. Now Pictou County is in Sydney's place - same message.
4. If a multibillionaire company can't keep the mill open, why should we impoverished taxpayers even try?
5. Pollution of air and sea. Stripping of woodlands, willingness to destroy marine habitat. Arrogance that leaves planning for effluent treatment and dispersal to the last "who's gonna blink first" moment. Ignorance of local watersheds. Local industries trying to co-exist for decades and keeping their mouths shut about it.
6. Jobs may be lost - time for new jobs in a new millenium.

*"If you want to bake an apple pie from scratch, you must first create the universe..." Carl Sagan*

**From:** [@seasidehighspeed.com](mailto:@seasidehighspeed.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:05:46 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the replacement effluent treatment facility. 3rd party experts have stated that there will be no significant impact on fish habitat. For the past 50 years less treated effluent has flowed into the strait and the fisheries have been successful. Name: Email:  
@seasidehighspeed.com Address: Municipality: Truro Postal-Code: B6L2X7  
Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 59 y:  
22



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:19:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: continuation of provincial economical and natural stability is certainly a positive direction to sustain our ocean playground for generations to come! Name: Email: @gmail.com  
Address: Municipality: liverpool Postal-Code:

**From:** \_\_\_\_\_@hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:19:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp has had the 4-5 years to come up with an offer, troubles me that the last minute they might come through. We taxpayers have been giving them millions and millions over the last what is it 40yrs! This is a foreign owned company that has not proved to be responsible with our environment. Our oceans supply many needed jobs, wildlife need to be protected, it's time to shut it down and put our tax dollars to a more positive use. Name: \_\_\_\_\_ Email: \_\_\_\_\_  
@hotmail.com Address: \_\_\_\_\_ Municipality: St Margarets Bay  
Postal-Code: \_\_\_\_\_

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:21:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe that Northern Pulp should have the timeto correct this problem and come up with a solution, as the entire economy of the maritime provinces depends on the forestry industry Name:

Email: @eastlink.ca Address: NS Municipality: Lantz  
Postal-Code:

**From:** [@freemanlumber.com](mailto:@freemanlumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:24:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The Approval of this project is so important to the large amount of families and businesses in this Province that would ultimately be affected. We have seen multiple hardships and downturns in this industry. And from the private woodlot owner, to the few large sawmill operations lucky enough to survive and still be in operation, we have withstood them all. But none will have quite the impact that the potential closure of Northern Pulp will have. The immediate and subsequent trickle down effect of a closure would be devastating to everyone involved and ultimately devastating to both the economy of the province and the communities that depend on forestry and forestry related jobs. That being said, the information laid out in the focus report easily shows the extent to which Northern Pulp wants to go to stay in operation. At the very least meeting, and most cases exceeding what is generally accepted for a facility such as this. the end result will be world class as far as the treatment of the effluent and the disposal method. People need to be aware that there are facilities like this in other parts of the world that currently dont treat effluent waste at all. when all things are considered, and the data put forth is fully studied, allowing this project to move forward seems like the best route for all of Nova Scotia. Name: Email: @freemanlumber.com Address:

Municipality: Bridgewater Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:39:08 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together

Name:                      Email:    Address:  
Municipality: SAINT JOHN Postal-Code:

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:41:13 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Honour the agreement to close Boat Harbour. Name: Email: @ns.sympatico.ca Address:  
Municipality: River John Postal-Code: B0K 1N0 Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 75 y: 18

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** focus report submission  
**Date:** November 5, 2019 11:47:54 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

"Dear Premiere McNeil and NS Min for the Env Gordon Wilson,

As i type this i am pissed off and angry why?

The water i look out from my living room window in Lyons Brook looks beautiful but i sink up to my knees the last time i "wanted" to swim there. All yellow signs around lake read "contaminated shellfish " and those were put up 20 years ago.

You see i was born here and am now years old growing up here we could swim and eat from this water. Now ,not only did NP take this away from us but our OWN government will NOT test this water i been asking for 2 years now and left it with my MLA  
WHY??? You know why its contaminated from that f ing mill!!

In my living room i see across the causeway that beast cancer monster mill that needs to be put to death why? My dad worked there and now is dead because of cancer at the age of .but i still smell the stench that killed him everyday its killing employees family friends and the public and now you want to kill our beautiful Northumberland straight and every living species in it??

This focus report is soley theory and modelling and no actual testing of the theories .

I don't trust Northern Pulp's ability to monitor their effluent over Pictou's watershed with their given track record with leaks and their inability to meet the terms of their Industrial Approvals.

Summary from April 2011 to October 10, 2018

- 14 Failed air emission tests
- 2 or more Pipe blowouts / leaks \*
- 2 Ash slurry spill
- 8 Directives
- 1 Legally binding order
- 5 Ministerial Orders
- 2 Warning Reports
- 1 Federal Fine \$225,000. \*\*

NO info yet from the spill in 2018 that happened over a year ago !

**SHUT IT DOWN and please be a man of your word and Honor the Boat Harbour Act January 31 2020**

**PS i will stand arm in arm with Pictou Landing first nations if you allow and extension**

so get ready for a war

**From:** \_\_\_\_\_@gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:48:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp needs to close by the deadline and no later. There needs to be an immediate clean up of boat harbor to return it to aâ?Tsek. There cannot be a pipeline to release the affluent into the northumberland straight, that is not a solution. Name: \_\_\_\_\_ Email: \_\_\_\_\_@gmail.com  
Address: \_\_\_\_\_ Municipality: Halifax Postal-Code: \_\_\_\_\_

**From:** [\\_hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:52:45 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is an opportunity for this company to reduce their environmental impact. Through the building of this state of the art effluent treatment facility The province of Nova Scotia is showing concern for the environment while showing an interest in growing business in our province. Name:

Email: @hotmail.com Address: Municipality: New Glasgow Ns Postal-Code:

**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:57:32 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hon. Gordon Wilson Ive been working in the woodlands division at Northern Pulp for .

Northern Pulp invested over \$80-Million a short time ago to improve air quality so that it now greatly exceeds federal requirements. Northern Pulp is committed to Nova Scotia! Some Key Findings Focus Report - Ocean water quality within 5 meters of the diï¬?user will meet Canadian marine guidelines - Treated wastewater effluent will not be visible at the waterâ?Ts surface - Third party environmental experts have assessed that no signiï¬?cant impacts are expected on any ï¬?sheries or ï¬?sh habitat as a result of this project I fully support Northern Pulp to invest in building a state-of-the-art wastewater treatment facility that reduces our environmental footprint, creates and sustains jobs, delivers significant economic benefits locally and provincially, and ensures the continued operation of Northern Pulp. Proudly support this project! Best Regards Name: Email: @northernpulp.com Address: Municipality: St. Andrews Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 12:10:04 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson:

I am a resident of Braeshore, NS and I am deeply concerned about the government's unsure stance to protect the Northumberland Strait against Northern Pulp and it's proposal to dump it's effluent directly into our waters. If you let NP do what they wish, you will be poisoning my front yard and poisoning myself and my family. I have spent my whole life breathing in NP's toxic air chemicals and have seen first hand the devastation it continues to inflict on Boat Harbour. We need our government to protect us, to protect fisherman, our environment and to honour our First Nations people. I ask you to protect us.

Sincerely,

Braeshore, NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:18:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I firmly do not want any toxic effluent from Northern Pulp pumped into the Northumberland Strait. This would have dire impacts on air, water, and sensitive marine ecosystems. Name: Email:

@gmail.com Address:

Municipality: Belmont Postal-

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:22:52 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 29 y: 13

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp and clear cutting  
**Date:** November 5, 2019 12:24:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Please listen to the people who are being affected by the pollution and poison billowing out of this outdated pulp mill. Look around at our beautiful province which is slowly being decimated by clear cutting - because it is much more profitable than alternatives. It is time to stop pouring taxpayer money into this obsolete mill - use these millions to help re-train the workers if that is what it takes. But please stop poisoning the innocent residents of Pictou County and beyond. And there is no reason in this world why our fishing industry should ever be put at risk.

Remember how pristine Boat Harbour was supposed to be..... there is no lie big enough that it can't be used to grab the almighty dollar. DO NOT allow this to happen to our beautiful Northumberland Strait.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's Focus Report  
**Date:** November 5, 2019 12:25:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

I am writing to you in hopes you will deny Northern Pulp from running an effluent pipe over the watershed for Town of Pictou..this pipe endangers our safe water supply and takes millions of litres of toxic waste into our fishing grounds...this will do major damage our environment ...for both the health of all the people that need clean safe water and the fishing industry ...REMEMBER you can't money!!!

**From:** \_\_\_\_\_@msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:40:35 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please shut the np mill down until such time that they find a way other than piping into the water Name:

Email: \_\_\_\_\_@msn.com Address: salt springs Pictou  
County Municipality: Postal-Code: B0k1p0 Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 64 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:54:40 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova scotia needs forestry to support our local communities and local employees and their families Name:

Email: @hotmail.com Address:

Municipality: Greenfield Postal-Code

**From:** @tbh.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 12:59:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The forestry sector has increasingly become a renewable sector, focused on sustainability and implementing the best available processes to reduce impact on the environment. It is important to emphasize that the company addressed every concern raised in the initial public consultation comments and every question posed to them by Nova Scotia Environment. This project achieves the necessary balance to sustain these good, mainly rural jobs across Nova Scotia, protect our precious marine and land resources and environment and establish a new legacy of respect with Pictou Landing First Nations as it moves water treatment away from their community and onto mill property. Name: Email: @tbh.net Address: Municipality: Thunder Bay Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:07:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This looks like a good plan that meets environmental standards and maintains jobs across the province. Looks like Northern Pulp deserves a chance to stay here in the province. Thanks for taking this serious.

Name:                      Email:                      @gmail.com Address:  
Municipality: Liverpool Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:10:29 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: \*considering the current fragile state of the Gulf of St. Lawrence as described in the 2018 article - The Gulf of St. Lawrence is Losing Oxygen Faster Than Almost Any Other Marine Environment [e360.yale.edu/digest/the-gulf-of-st-lawrence-is-losing-oxygen-faster-than-almost-any-other-marine-environment](http://e360.yale.edu/digest/the-gulf-of-st-lawrence-is-losing-oxygen-faster-than-almost-any-other-marine-environment) - a report noting that the Gulf of St Lawrence is one of the most deoxygenating bodies of water on earth. \* considering the negative impact that the pipe in the Northumberland Strait would have on the lucrative Northumberland Strait commercial fishery and \*considering the water pollution that has resulted from the Boat Harbour treatment process which has gone on for the past 50 years and still continues today I strongly believe it is irresponsible to pump in the range of 62 - 85 MILLION litres of Northern Pulp effluent DAILY into the Northumberland Strait as outlined in Appendix 3.2 of the Focus Report. Effluent Treatment Plant Replacement. June 2019. There must be NO PIPE in the Northumberland Strait. Sincerely submitted by . 5 November, 2019

Name: Email: @gmail.com Address:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:**  
**Subject:** Please stop this  
**Date:** November 5, 2019 1:12:21 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Premiere McNeil and NS Min for the EnvGordon Wilson,

As i type this i am pissed off and angry why?

The water i look out from my living room window in Lyons Brook looks beautiful but i sink up to my knees the last time i "wanted" to swim there. All yellow signs around lake read "contaminated shellfish " and those were put up 20 years ago not only did NP take this away from us but our OWN government will NOT test this water i been asking for 2 years now and left it with my MLA WHY??? You know why its contaminated from that fishing mill!!

In my living room i see across the causeway that beast cancer monster mill that needs to be put to death

This focus report is solely theory and modelling and no actual testing of the theories

I don't trust Northern Pulp's ability to monitor their effluent over Pictou's watershed with their given track record with leaks and their inability to meet the terms of their Industrial Approvals.

Summary from April 2011 to October 10, 2018

- 14 Failed air emission tests
- 2 or more Pipe blowouts / leaks \*
- 2 Ash slurry spill
- 8 Directives
- 1 Legally binding order
- 5 Ministerial Orders
- 2 Warning Reports
- 1 Federal Fine \$225,000. \*\*

NO info yet from the spill in 2018 that happened over a year ago !

SHUT IT DOWN and please be a man of your word and Honor the Boat Harbour Act  
January 31 2020

PS i will stand arm in arm with PictouLanding first nations if you allow and extension so get ready for a war

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** I am not a scientist ....  
**Date:** November 5, 2019 1:18:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

I have read the document from a layperson's vantage point.  
I am a finance professional and business owner -- I am not a scientist.  
Pictou has been *home-base* for me for my entire life. The pulp mill in Abercrombie Point is literally the ***crime of the century*** here in Nova Scotia. This behemoth of a document is essentially a weak and self-serving marketing document camouflaged as "science-based". Many with science and engineering backgrounds have already poked significant holes in it. Clearly it is designed to overwhelm the average citizen in an attempt at circumventing a much bigger problem – this antiquated 1967 company's lack of will to be in-step with the global reality, and their desire to perpetuate this travesty, and to continue to disrespect the people and government of Nova Scotia. Yes, I did read the document but at the same time I also did read between the lines.

**What is known:**

**I know....** that it is ***not*** ecologically nor environmentally sound to dump industrial effluent into pristine waters.

**I know....** that the industries of tourism and fishing together are larger than the pulp industry. Some speak of the need for balance. The concept of balance is meaningless when one side of the ledger entails words such as *destruction, pollution, mercury, contamination, health-risk, and death.*

**I know....** that much of our forests are decimated due to Northern Pulp clear-cutting practices. This is indisputable.

**I know....** that Northern Pulp has been less than the perfect corporate citizen. Far less. Their report shows that they am to continue to do bad things.

**I know....** that Northern Pulp and its predecessors, due to my proximity to mill, continue to destroy my air quality and my quality of life and likely have also affected my health, and that of tens of thousands of others.

**I know....** that the stench emitted from this antiquated industry is often unbearable, as well as

containing particulates damaging to the health of many .

**I know**.... that the parent company has an abominable history of poor stewardship of lands – globally.

**I know**.... that if there were a raw vote of the citizenry, the majority of us would like to see Northern Pulp erased from our province entirely.

**I know**.... that Northern Pulp has orchestrated their own fate. They are the architects of their own demise. *They could have done things differently.*

They did not and as evidenced by their current proposal they will not. Science tells us that their plan is without merit.

What is happening, unequivocally, is the environmental ***Crime of the Century*** – a crime with social, ecological, and negative health implications for its citizenry – past, present, and future.

I beseech this government to put a definitive stop to this pulp mill and its filthy ways.

No pipe in strait. No more clear-cutting. *“Paper Excellence, please leave.”*

Pictou/ Halifax

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Response to Northern Pulp's Focus Report  
**Date:** November 5, 2019 1:39:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Pictou, NS

Dear Minister,

Please accept this communication in response to Northern Pulp's Focus Report for the Replacement Effluent Treatment Facility Project. My name is . I am

proud resident of the Town of Pictou.

I feel the concerns that I had brought forward about Northern Pulp's Environmental Assessment, were not addressed sufficiently in the Focus Report. I would like to address the following concerns in regards to response or lack thereof in the focus report to the following areas of concern highlighted in the Terms of Reference::

## **1. PUBLIC, MI'KMAQ AND GOVERNMENT ENGAGEMENT**

1.1 Provide a response (via a concordance table) to questions and comments raised by the public, Mi'kmaq and government departments, and incorporate these comments in the Focus Report where applicable.

I am appalled by the lack of response to questions and comments raised by the public around the socio-economic impact that the project will have on the area. In particular to the tourism industry. To refer the respondents to appendix 6.1, a list of maximum predicted GLC's, is not nearly enough of a response to the concerns raised.

As per the Nova Scotia Environment Act, Purpose of Act, section A:

The purpose of this Act is to support and promote the protection, enhancement and prudent use of the environment while recognizing the following goals: (a) maintaining environmental protection as essential to the integrity of ecosystems, human health *and the socio-economic well-being of society*;

The concerns here were not addressed to satisfy the purpose of the Environment Act's precautionary principle:

“(ii) the precautionary principle will be used in decision making so that where there are threats of serious or irreversible damage, the lack of full scientific certainty shall not be used as a

reason for postponing measures to prevent environmental degradation”

The response delivered to the public’s concern about the irreversible damage on the local economy and local tourism industry this project will have is insufficient and does not address the concerns raised during the EA process by myself and many others. The company shows no concern with the impact this project would have on other businesses in the area. This is made evident in the lack of response in the focus report. Tourism produced 2.8 billion dollars in revenues in Nova Scotia in 2018. That is more than the forestry, fishing, and farming industries combined. Northumberland Shore area makes up 8% of the province's totals. The Pictou Lodge Beach Resort (built in 1924) is located about 5km down the strait from the proposed outfall area. The resort has been built to a 2.8 million dollar business that employs 70 people.

According to the 2017 NS Tourism Visitor Exit Survey, the top reasons pleasure tourists visit Nova Scotia are “Coastal Sightseeing - 47%” and “Visit a Beach - 49%”. Lobster remains an important part of the visitors experience as well. 45% of pleasure visitors to the province in 2017 ate lobster while here.

From a destination marketing perspective, the Northumberland Shore has always lead with the beaches in our area. Northumberland Strait’s unique selling point is that our beach waters are swimmable reaching as high as 25 degrees Celsius.

The impact of dumping millions of litres of effluent into the Strait will be harmful to our branding efforts and will have a negative impact on tourism businesses in the area. We are a destination that primarily sells warm swimmable waters and fresh local seafood. Nova Scotia is traditionally known as Canada’s Ocean Playground. The impact of this pollution will affect Nova Scotia’s tourism brand as a whole. It will also have negative impacts on the lobster brand for Northumberland Strait and Nova Scotia in general.

The lack of response on the economic impact and tourism impact for the Northumberland Shore and Nova Scotia is a major concern. Nor was the scientific certainty produced to satisfy the precautionary principle around the threat of irreversible damage. I therefore ask the Minister to reject this project.

In the terms of reference section 6:

## **6. AIR QUALITY**

6.1 Provide a revised inventory of all potential air contaminants to be emitted from the proposed project, including but not limited to, speciated volatile organic compounds, semi-volatile organic compounds, reduced sulphur compounds, polyaromatic hydrocarbons and metals.

6.2 Update the air dispersion modelling for the pulp mill facility for all potential air contaminants of concern related to the Project.

6.3 Complete an updated ambient air monitoring plan for the Project site based on the air dispersion modelling results. This plan must include the potential air contaminants to be monitored and proposed air monitoring location(s).

In the focus report page 44, the company states:

The only new sources of emissions from the operation of the mill include fugitive emissions of

potential odours from the replacement ETF itself, and emissions of combustion gases from the burning of sludge from the replacement ETF in the power boiler. These activities have the potential to result in some limited changes in the local air quality

And in section 8.1.2.2 the EA claims that odours are impossible to address as the new odour coming from new treatment plant will not be known until such time as the plant starts to operate. Until the new chemicals and compounds are combined. It also states that this issue is subjective and will quite possibly not be worse than current.

It also states that “Because the perception of odour and its effects are subjective and relative to an individual’s perceptions, limits, and tolerances, it is more frequently treated as a nuisance issue”.

The current state of air quality and odours produced from the plant have had a negative socio-economic impact on the community. In my tourism operation we have lost long term guests who had to leave because of poor air quality. We have lost potential group bookings and weddings because of the air quality on the day of planning visits and tours. The local town has lost residents and potential investors because of the air quality. There is no current study on what the economic impact the poor air quality and odour produced by mill has had on tourism industry and economic development in the community over the last 50 years. This is of concern to me. Not to mention the new “limited changes in the local air quality” with the burning of sludge. Table 6.1 as submitted in the focus report does nothing to address these issues and concerns.

I would argue it is more than a “nuisance issue” when air quality and odours are recorded and publicly displayed on trip planning sites such as TripAdvisor. This has a real impact on potential travel and booking decisions. For example:

“Lovely spot - except for the smell

Review of Pictou Lodge Beachfront Resort

Reviewed October 12, 2015

We only stayed for a brief overnight visit and didn't get to fully appreciate this resort. Desk staff very pleasant and helpful, supper in the pub area delicious with the server going out of her way to make us comfortable. Room clean with usual facilities you would expect.

However, there is a continuous smell in the air which at first we thought was sewage, but were told it is the emissions of the local pulp mill. This is disappointing as the location and facilities at this resort are lovely and it is very convenient for catching the ferry to Prince Edward Island (10 mins to the terminal). My mother and I were very relieved that we did not have to stay for longer and if we had booked for longer would have probably checked out and found someone else. I am sorry for the poor review as the problems are largely outside the control of the owners, but hope this will help their cause in trying to get the Mill to clean up its act.

Date of stay: October 2015”

In addition to the current air issues, the new treatment plant will include the combustion of sludge generated in the replacement ETF for energy recovery. Emissions from the combustion of sludge in the power boiler during operation and maintenance is to be dispersed from mill stacks.

As per the Focus Report Section appendix 6.3: updated air quality monitoring plan.

As a local resident I insist that the updated air quality monitoring plan does not go far enough. There are more monitors needed in populated areas where large numbers of humans are spending a large amount of time. All data collected by the monitors need to be posted in real time for the public.

As per the Environment Act: The purpose of the Act is maintaining environmental protection as essential to the integrity of ecosystems, human health and the socio-economic well-being of society.

As a local business operator and resident I insist there has not been scientific evidence provided that can prove there is not a threat of irrevocable harm to the region's socio-economic well being of the area because of air quality. I therefore ask the Minister to reject this project.

As per the Terms of Reference Human Health

**9.2 Commence a Human Health Risk Assessment (HHRA)** to assess potential project-related impacts on human health. The risk assessment must consider human consumption of fish and other seafood, consumption of potentially contaminated drinking water, exposure to recreational water and sediment, outdoor air inhalation, and any other potential exposure pathways. The analysis must inform the identification of contaminants of concern and updating of the receiving water study.

I live and work within both of the "areas of concern" identified here. I insist the HHRA needs to be completed before project can begin. The irrevocable harm to human health can not be put at risk here. There is far too much information missing from the focus report to even consider the impact this project may have on humans. As per Appendix 9.2:

The following information is needed to support the HHRA: • The final air dispersion model report to update the estimated air emission concentrations and the estimated concentrations at receptor locations (First Nations Communities, Non-First Nations Residents).

The final mixing zone assessment report to support the estimation of water concentrations at receptor locations in the Marine Study Area (beaches, seafood harvest areas).

The results of a baseline study being completed by EcoMetrix near the proposed diffuser to better define the seafood species that are likely to inhabit the diffuser area.

The results of the seafood intake survey to determine the types of seafood consumed by the critical receptors and the quantity of seafood consumed by the critical receptors.

There is far too much information missing here to be able to prove there would not be irreversible harm to human health. The Human Health Risk Assessment needs to be completed by an unbiased third party before the project can begin. I therefore ask you Minister to reject this project.

As per the Terms of Reference

### **3.5 FACILITY DESIGN, CONSTRUCTION & OPERATION AND MAINTENANCE**

Provide the following information regarding the effluent pipeline:

- o Provide viable options including the selected option for leak detection technologies and inspection methodologies, with specific consideration to any portion of the pipeline located in the Town of Pictou's water supply protection area;
- o Provide viable options including the selected option for the enhanced pipeline protection,

such as trench lining and justify how the chosen option is an adequate option for secondary containment. Be sure to address any potential changes in flow regimes, especially within the Town of Pictou's water supply protection area, due to the installation of the pipeline and secondary containment. If different options are provided for different areas of the proposed re-aligned pipeline route, the locations for each option must be identified.

As a resident of the town of Pictou I am concerned about the proposed pipeline route and the Town of Pictou's water supply. I have not seen proof in the focus report that our water supply is safe from irreparable harm. I am not satisfied that the company has come up with viable options for pipeline protection given their poor history of leaks and leak detection. It is going on over a year now and we still do not have details on the last pipeline leak this company had. For this reason, I ask the Minister to reject the project.

### **Conclusion**

Northern Pulp concludes that there will be no significant residual harm that is not reversible or cannot be mitigated. As a citizen and business operator in the area I could not disagree more. As highlighted above there is possible irreversible harm to local businesses. There is possible irreversible harm to local human's health. There is possible irreversible harm to local drinking water. The Environment Act states that the Minister has a duty to maintain environmental protection as essential to the integrity of ecosystems, human health and the socio-economic well-being of society.

I ask that you do so and reject this project.

Thank you,

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:42:10 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: NP seems to be just as concerned as everyone as to the issues and I believe we should work together to accomplish both sides of the issue. We need forestry in Nova Scotia as it s vital to many thousands of families and all the layers that spin off from this industry. From the workers directly involved or whether its the corner store owner...we all depend on it in some way. Name: t Email: @gmail.com Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 42 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:45:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a person who was born and raised almost entirely in Pictou County I feel it is in the province's and county's best interest to shut down the entire Northern Pulp project. Countless of our tax dollars have been wasted on a company that quite frankly is one of the worst companies in terms of environmental impact. Asia Pulp and Paper-the parent corporation of Northern Pulp-are NOTORIOUS for looting the places they've set up shop in and then just picking up and leaving the residents and environment left with the cleanup of their mess. They exploit communities and they've exploited us. As someone who has struggled with asthma in the past, I can say that having this company is no help to our health. The insecticide they spray our forests with also contains a chemical known as glyphosate-which has been linked not only to reduction in bee populations, but cancer as well. This company has done enough damage and it's time to cut our losses before they take more. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@gmail.com Address: \_\_\_\_\_

Municipality: New Glasgow Postal-Code: \_\_\_\_\_

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Focus Report re Pipe Proposal  
**Date:** November 5, 2019 1:46:14 PM

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SENT BY EMAIL

New Glasgow, NS B2H3K8  
(Summer Residence-

November 5, 2019

Minister Gordon Wilson, NS Dept. of Environment  
EA@novascotia.ca

Dear Minister:

Re: Response to Northern Pulp's Focus Report - Effluent Pipe to Caribou Harbour.

Our summer residence at Pictou Landing of 14 acres and 1300 feet of beachfront has been owned by family since the early 19th century. It is very near the outfall of Boat Harbour. Since the initial start-up of the Mill and for over 50 years, we have lived with the Boat Harbour smog; the smelly, root beer brown foamy effluent washing up on our beach, and the air emissions from the Mill. This present situation is not acceptable to us, let alone the proposal for Northern Pulp's new treatment plant to pipe their pulp effluent to an outfall near Caribou Harbour. We have concerns about both the air emissions (with the Mill's intent to burn the dried sludge) and the dumping of the effluent.

Scientists have acknowledged that the world's oceans are warming and marine environments are under attack from pollution. Dumping 70 millions liters of 37C hot, fresh effluent water daily is a major step backward. Fresh water is known to kill lobster larvae, and the Mill has not done lengthy studies to determine how the effluent will affect the larvae.

Here is an observation from being at our property for 50+ years. Bladder Rockweed that attaches to rocks requires cold, clean salt water to survive. This plant consumes CO<sub>2</sub>, gives off oxygen during photosynthesis and provides a protective environment for sea urchins, rock crabs, and starfish, and other small organisms. By regulating these dissolved gases, rockweed helps in maintaining water quality. I have seen on our beach that Bladder Rockweed, once bountiful, has been diminished over time being replaced in the summer months with a green hairy grass that seems to thrive in the warmer temperatures of the effluent washing by each day. The creatures previously mentioned, once plentiful, are almost non-existent now on our beach. The rocks are covered with a slick black substance to the high tide level. The ocean that used to be crystal clear pre 1968 is most often a tea colour, with the exception of when the Mill is on shut down.

Engineers from the Mill have stated to us personally that there is a good possibility the new system's 'treated' effluent will contain more solids being released than what is presently is released from Boat Harbour. We have seen the globs of mushy pulp washing up on our beach. This is after the effluent has settled for 30 days in Boat Harbour. With the proposed dumping up to 70 million liters effluent daily, I can't help but to envision the pulp mush floating around the Strait, and depending on tides and winds, washing back to Caribou Harbour, beautiful Caribou Provincial Park beach, or the Pictou Lodge property. Computer modelling says the solids will be broken down by wave action - how long will that take? Perhaps the solids will eventually fall the bottom of the Strait creating an anoxic zone (dead of oxygen).

The government's past handling of effluent from this mill has resulted in one of the most contaminated sites in Canada. There is no 100% guarantee that Northern Pulp's new proposal for treating the pulp effluent will not harm the Strait - perhaps not in year one, or year two; however, possibly five years down the road we may see the signs of the ocean failing. At that point it will be too late and clean-up an impossibility.

In closing, I wish to state that I am vehemently opposed to Northern Pulp's plan to pump their effluent through a pipe to be released offshore Caribou Harbour. Oceans NEED to be protected for their sustainability, marine animals and marine plants.

Respectfully,

**From:** @scotsburnlumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:50:55 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in support of the approval for new Effluent Treatment Facility ETF for Northern Pulp. My job, my family, and rural Nova Scotia depend on it. The existing Boat Harbour ETF should remain open until such a time that the new facility is constructed. This existing provincial facility currently meets or exceeds all Provincial and Federal guidelines outlined by the corresponding Environment Departments. This was shown in the Focus Report in the benchmarking section. Once the construction of a new ETF is completed then the subsequent clean up of Boat Harbour can commence. It is my understanding through media and government reports that the cleanup of Boat Harbour can't start until a Federal EA is completed which is project to be 24 months to complete. This will allow for the subsequent construction of a new world class ETF which will allow our provincial forest industry to continue to thrive in the future. The Focus Report data allows me to see that fishing has coexisted in the Northumberland Strait for 50 years. Currently, lobster fishermen are setting traps in the existing outfall from the Boat Harbour facility. Obviously, if there was a negative impact on the fishery they would not be setting their traps at that location. The new ETF will be an improvement on the current situation. To close Boat Harbour without having an existing facility operating would permanently collapse the forest industry in Nova Scotia. This would negatively impact thousands of people directly and indirectly employed in the forest industry and would devastate tens of thousands of private land-owners in N.S. The implementation of government initiatives such as the Lahey report will be impossible without a market for low grade pulpwood and will cause the closure of several sawmills throughout N.S. The proposed facility will be an improvement over the existing situation where all effluent leaving the site will be treated. The pipe being used is well above industry standard and the new outfall location will be far superior to the existing situation. There are currently other similar pulp mills in the province that have existing ETF outfalls into the ocean. Numerous 3rd party expertises have concluded that the ETF indicates that there will be no significant environmental impact for the project's construction or future operation. Forestry is a renewable resource that everyone in N.S. uses each and every day in their daily activities one way or another. We have the forests, science and expertise in our favour. Do not allow that vocal minority to jeopardize that. Name: Email:  
@scotsburnlumber.com Address: . Municipality: Truro, NS Postal-  
Code:

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Comments on Northern Pulp Focus Report  
**Date:** November 5, 2019 1:51:13 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003311 \(2\).pdf](#)

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FYI...

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**From:** @scotsburnlumber.com>  
**Sent:** November 5, 2019 12:43 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Comments on Northern Pulp Focus Report

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Thank you for your time and consideration with this matter.

Name: \_

Address:

E-mail: \_\_

Signature

**RE: Northern Pulp Environmental Assessment Focus Report**

Attention: Hon. Gordon Wilson, Minister of Environment

I am currently employed in the Forestry Sector in Nova Scotia and also live in rural N.S. I have had the opportunity to attend presentations and review the Focus Report documents surrounding the proposed construction of a new ETF (Effluent Treatment Facility) for Northern Pulp. I am fully supportive of the construction of a new world class ETF and the subsequent closure and remediation of Boat Harbour once this facility is constructed. The Provincial Government has already stated that they are significantly behind in gaining Federal Environmental Assessment approval to commence the cleanup of the provincially owned Boat Harbour ETF. This facility should remain operational until such time as the new ETF is constructed. This will allow the Forestry Sector, a renewable resource, to continue to thrive to the benefit of thousands of workers and tens of thousands of private land owners in the province. Because forestry is so integrated in N.S. (Sawmills, Private Land-Owners, Silviculture workers, Pellet Plants, Pulp Mills etc.) all activities are reliant on one another and Northern Pulp is the key facility that holds all of these businesses together in the supply chain.

A significant amount of 3<sup>rd</sup> party, independent expertise was used to compile the data and contained and analyzed in the focus report submitted by Northern Pulp for the new ETF project. The assurances provided by these experts indicate no significant adverse residual environmental impacts have been predicted for this project construction or future operation. In addition the focus report data indicated no significant impacts on the marine species surrounding the proposed new ETF discharge area. The fishery and forest industry have existed for 50+ years in the existing outfall area at Boat Harbour. Contrary to public commentary by several groups and individuals regarding the potential impact of treated effluent from the mill on lobster fishing grounds, the data provided in the focus report shows the current lobster fishing grounds can be found in closer proximity to the outfall from the existing Boat Harbour Facility than the proposed new outfall. This begs the question on why those concerned with the NEW treatment facility and outfall seem to ignore the data that shows the strong, growing lobster fishery in the area is not being impacted for the previous 50+ years. Why would a new, improved system not be an improvement on the existing situation?

Since Paper Excellence purchased Northern Pulp in 2011 numerous improvements have been made to the facility to improve air particulate, effluent and odour. As shown in benchmarking section of the Focus Report Northern pulp is currently and average to above average mill when compared to other Kraft pulp mills currently operating in all other jurisdictions in Canada. The new proposed facility will only improve on these statistics.

Name: \_

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E-mail: \_\_

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Name: .

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Signatur

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**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Comments on Northern Pulp Focus Report  
**Date:** November 5, 2019 1:51:24 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003295.pdf](#)

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**From:** @scotsburnlumber.com>  
**Sent:** November 5, 2019 12:40 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Comments on Northern Pulp Focus Report

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Comments on Northern Pulp Focus Report  
**Date:** November 5, 2019 1:51:44 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003289.pdf](#)

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**From:** @scotsburnlumber.com>  
**Sent:** November 5, 2019 11:33 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
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As an employee / family member of Scotsburn Lumber Ltd. Our mill has been running successfully since we restarted operations in 2012. We currently operate on a two shift basis and process about 90+ MMBF per year. Our operation is vitally dependant on Northern Pulp. Currently, 65% of the studwood we process ends up either as sawmill chips, hogfuel or sawdust and shavings. We sell the product we make at Scotsburn throughout Canada and the United States. If we have no market for our residual products then we will be in a very dire situation. Our industry is very interconnected where each section is critically dependant on the other for material for success. The loss of the largest pulpmill in the province that currently purchases over 90% of the sawmill chips would be a devastating blow to our industry..... one that would be difficult if not impossible to overcome. The vast majority of studwood that our sawmill uses comes from private land in Nova Scotia. If there is little or no market for studwood and pulpwood in the province then the 60,000+ landowners will be negatively impacted by this decision.

We have had the opportunity to review the Focus Report for the new Environmental Treatment Facility (ETF). It is my understanding that this facility will be world class that will meet and exceed all Provincial and Federal environmental regulations. The current Boat Harbour ETF through benchmarking by 3<sup>rd</sup> party experts shows that Northern Pulp is currently operating as an average to above average facility when compared to like facilities throughout Canada. The new facility will be an improvement on this.

I trust that the science presented through the Focus Report will allow the future construction of a new ETF for Northern Pulp. I know that the Forestry and Fishing sector has co-existed for the last 50+ years and both have had long term success. I see in the focus report that fishermen are setting traps close to the outfall of Boat Harbour. If there was truly an impact on fishing I know that this would not occur. The Focus Report was prepared by 3<sup>rd</sup> party experts and show data that indicate no significant adverse environmental impacts have been predicted for this projects construction or future operation.

We all want Boat Harbour restored to its natural state. We need the government of N.S. to keep the commitment to clean up this area, at the same time allow Northern Pulp the time to construct their new ETF facility before clean up begins. Failure to do so will cause irreparable damage to the forest industry as a whole in N.S.

Name: \_

Address:

E-mail: \_\_

Signature

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 11:52:44 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Dalhousie University, Halifax NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 10:53:23 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Dartmouth, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 10:48:53 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 10:48:51 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 10:23:42 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 9:16:01 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I am a property owner in the South end of Halifax and ran a business, for twenty five years here before retiring. I'm sending you the letter below but wish to say that it's now time for hard decisions around pollution in Nova Scotia, especially this particular situation. The pulp and paper mill has had governments bending over backwards to help it survive, probably due to the jobs it provides, for decades. But at some point this brand of accommodation has to stop and it takes political guts to do so; at some point, an that point is now, the paradigm has to change. A company like this that can't stand on its own two feet, clean up its own pollution and prevent it from happening at all in such an egregious way does not deserve to be doing business in Nova Scotia. In fact I'd wage they feel they can play us like a violin whenever this issue comes back to haunt them, by dangling threats to their workers and the communities around themselves. But everybody, including people who live with this dysfunctional reality, has had ample time to digest this. Now it's time to face the music, do the right thing and trust that the voters will support you. Please make it happen for the benefit of future generations and to keep our Nova Scotia the beautiful, forward-thinking province it's proving to be around environmental action.

Thank you,

Halifax, B3H 1S1

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Sincerely,

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 9:01:27 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Thank you for listening.

Sincerely,

Sent from [Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 8:54:34 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Halifax NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 8:23:47 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Halifax, N.S.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 8:16:13 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I am 11 years old and I don't want to live in a world that is unsafe for me!

I want to be able to not have anxiety about being able to be safe here! I don't want to have nightmares about the world blowing up, I know that it sounds silly but it makes me scared to even live here!

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

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Sincerely,

Sent from my iPod

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 8:13:13 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:** @forces.gc.ca  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 8:12:04 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say No to Northern Pulp  
**Date:** November 5, 2019 8:09:39 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Dartmouth, NS Canada B2Y 3P1

| @truefauxfilms | #truefauxfilmsinc

*Truefaux is dedicated in supporting people and organizations that make positive social and cultural change*

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 8:06:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 7:56:56 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Economy, Nova Scotia

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 7:51:58 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

I must also add that it is time to do away with clear cutting our forests to satisfy the demands for pulp mills like Northern Pulp. There are alternatives to tree fiber to make paper that will not destroy our forests or pollute our land, air or waterways from pulp mill processes. It is time to get back to managed woodlot logging that will not destroy the land, soil our waterways or kill birds populations, squirrels etc. Or cause eye sores for the hiking, nature lovers who live in and vacation here in Nova Scotia. Getting back to environmentally friendly forestry will also spur more value added woodworking jobs and more tourism.

Do the right thing. Shut down Boat Harbour and do not allow Northern Pulp to pour effluent into the Northumberland Strait (#NoPipe) polluting the ocean, poisoning sea life damaging our fisheries who provide thousands of jobs.

Respectfully,

Dean, Nova Scotia.

Sent from [Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 6:49:13 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Sent from my Bell Samsung device over Canada's largest network.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 11:27:49 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Eastern Passage



Virus-free. [www.avast.com](http://www.avast.com)

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 10:54:50 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 10:50:25 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

You are going to be fighting a campaign for re-election soon. I am confident you will do better if you let Northern Pulp close and instead provide retraining for woods workers and for its employees.

Let's get into renewable energy fast.

Sincerely,

Hants West.

--

@bellaliant.net

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 10:44:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely, \_\_\_\_\_, Tatamagouche. NS.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 10:19:15 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 9:58:18 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Dartmouth

Sent from [Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 9:54:14 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 9:52:21 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing during this public response period of the overall environmental assessment process related to Northern Pulp, to express my opposition to the company proposal for effluent discharge into Northumberland Strait.

The proposal itself is environmentally absurd - stop polluting location A by polluting location B instead.

The main union at Northern Pulp asserts that some 300 jobs are directly at stake, with possibly ten times that number indirectly affected to some degree. I'll concede that those numbers are reasonably accurate. However, those numbers must be set against grievous environmental damage already done (and who will pay for that?), and health impacts on everyone who lives or has lived in proximity to that plant. We should also consider that this industrial operation like a number of others in this province extracts or uses primary resources, and at best does some first level processing before exporting product out of province (e.g gypsum mining, gold mining etc), so it is not the kind of company I am happy to support.

If we were truly interested in stable and well-paying employment, we would do much better at diversifying Nova Scotia industry, and establishing a much more solid technology base than we have got now. And to the extent that we still extracted resources we'd be doing a lot more processing here, not shipping it off for real value-add elsewhere.

I will not support any government which has a track record of overly subsidizing corporations. Cutting Northern Pulp slack on how it pollutes qualifies as a hefty business subsidy. Eventually people will pay for cleanup and extra health costs, and it won't be Northern Pulp, it'll be the NS taxpayer.

Thank you for your consideration,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 9:26:00 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from [Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 8:47:12 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 8:46:18 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 8:06:46 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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As a Nova Scotian, I am tired of having to chose between the economy/ jobs and health/the environment. These things should not be mutually exclusive. I urge you to decide to take the progressive path and help evolve our antiquated forestry industry practices into contemporary best practices. It requires courage and vision to take this path. Rejecting the Focus Report is a first step.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax, NS

[Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:53:07 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Put our tax money into creating environmental friendly alternative energy projects.

Sincerely,

Greenwich NS

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:50:02 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Dartmouth, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:30:19 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Fwd: Say no to Northern Pulp  
**Date:** November 4, 2019 7:16:39 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

----- Forwarded message -----

**From:** [@gmail.com](#)>  
**Date:** Mon, Nov 4, 2019 at 7:15 PM  
**Subject:** Say no to Northern Pulp  
**To:** <[minister.environment@novascotia.ca](mailto:minister.environment@novascotia.ca)>

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:15:13 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:13:47 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

LaHave, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:10:22 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:** [Sustainable Northern Nova Scotia](#)  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 3:10:45 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Please do the right thing and support the Boat harbour Act. Do not allow any extensions and reject the Northern Pulp proposal.

do not allow this pollution of the Northumberland waters !

Sincerely,

Tatamagouche NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 12:12:07 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Belle Cote, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 11:26:46 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Additionally your Government and specifically the Premier has repeated stated that the January 31, 2020 deadline to stop pumping effluent into Boat Harbour and this promise needs to be honoured. Yes it is a difficult decision but a necessary one in order to protect future generations.

Sincerely,



Virus-free. [www.avg.com](http://www.avg.com)

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 9:03:04 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 8:28:53 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:25:27 AM

---

\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

--

IN ACKNOWLEDGING MI'KMAQ UNSURRENDERED TERRITORY,  
LET'S BEGIN BY DEMANDING THAT ALL "CROWN" LAND BE  
RETURNED TO THE MI'KMAQ FOR THEIR USE AND ADMINISTRATION.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 4, 2019 7:22:30 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 8:57:48 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 6:47:58 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. I feel that this type of mill no longer fits with the type of industry which Nova Scotians view as viable. It is simply not worth the environmental trade-offs. We as a province can and must find better uses and better management of this resource.

Sincerely,

Sand Beach NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 4:29:40 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 3:39:09 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 2:28:14 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 2:11:54 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 2:05:36 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 12:04:08 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 11:23:27 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 10:16:43 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 9:54:38 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I've been following the Northern Pulp file quite closely for quite a while. We are coming down to the wire, with a major decision to be made with dire consequences if the wrong path is chosen. I know that both directions are fraught, but accepting a life extension to this plant which was never meant to function as many years as it has would be the wrong decision.

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our economy.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 9:20:16 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Timberlea, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 9:19:58 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 9:07:57 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens!!

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 9:05:42 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax NS B3L3H6  
Tel.:

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 8:48:34 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

*Halifax NS*

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 8:36:31 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I am a born and raised Nova Scotian who has done work at Northern Pulp. This foreign owned unsafe polluter should not stand above our environmental concerns as Nova Scotians. That is why I agree with the Ecology Action Center and the below message:

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 3, 2019 8:26:36 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 1, 2019 8:02:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 1, 2019 7:26:47 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 1, 2019 4:23:20 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 1, 2019 2:56:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 11:34:26 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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To The Honourable Gordon Wilson, Minister of the Environment,

I am writing to you today to express my opposition to Northern Pulp's plan to pump toxic effluent into the Northumberland Strait. As a Nova Scotian citizen I ask that our government do the right thing and close and clean up Boat Harbor immediately and stop the absurd plan to move the damage of the mill's pollution to the Strait. You cannot just move a problem from one location to another and call it a job well done. This is ludicrous.

Do the right thing. End this mill's toxic legacy and find a solution that protects our economy, our communities, and our environment.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 11:13:34 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Minister Wilson -

I have followed the Northern Pulp story carefully and have come to the considered conclusion that the company cannot be given any more "slack" in meeting environmental and community standards.

Therefore, I oppose their plan to pump effluent into the Northumberland Strait. This plan is also opposed by First Nations, fishers, environmentalists and local citizens.

Do not extend their deadline. Begin planning to support for their good employees who may therefore be out of work after January 31, 2020.

Sincerely,

Tatamagouche, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp  
**Date:** November 5, 2019 10:18:32 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Mr. Wilson,

I have followed the Northern Pulp saga for years. The plant was established on the basis of lies about its environmental impact. It was an act of environmental racism. We have spent many hundreds of millions of dollars in multifaceted subsidies to this industry while shielding our eyes from its environmental impact on indigenous peoples and other people down wind and down stream. It played a big role in shaping the transformation of our forests into low value use, environmentally unsound, mono-cultures.

Now it is proposed to dump 70-90 million liters of liquid waste and sludge into the Northumberland Strait. I would not touch a lobster from anywhere within 200 miles of the end of that pipe. Mankind has been staggering from one environmental catastrophe to another. When the wonderful proposals to treat the toxic waste in Boat Harbour were a disaster yet another disaster is proposed. This proposal is pure madness.

Northern Pulp must be allowed to close. Stop the destructive misuse of our forests. Lets shift to regrowth of mixed woodlands, selective value-added harvesting, development of value added wood products and working with nature rather than mindless exploitation lead by foreign corporations. Let us leave our grandchildren and their grandchildren a beautiful part of the world rather than a barren woodland bordered by a toxic arm of the ocean.

As we make this transition we need to make sure we protect not only the forests but the families in the province who have been lured into unsustainable incomes. We can do this. We need to invest in silviculture and forestry co-operatives. Most of the workers in the mill are skilled people. We need to set up a task group to support them in working together in groups to form new industries that will build our rural economy and ensure we use their valuable skills. Help them set up worker owned co-operatives that will build communities.

Ariel photos of the devastating impact of clear cutting do not lie. What we must not do is leave our children and grandchildren yet another environmental disaster that they will pay very dearly for. The cost of Northern Pulp is not one we should unload on their shoulders. We need to shift from jobs we cannot afford to ones that build Nova Scotia.

Sincerely

**Sobey School of Business**



**Global Co-operation**  
**[Facebook Blog](#)**

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp  
**Date:** November 4, 2019 8:47:19 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

It seems there is no good answer to the problem in your hands.

In one hand are the livelihoods of people in Nova Scotia's extensive pulp mill sector. In the other is the health of Nova Scotians, tourists, marine life, ecosystems and local economies.

On the balance, however, it is clear that the ramifications of a healthy environment is farther reaching than even the economic gains provided by Northern Pulp.

Please do not accept the Northern Pulp proposal.

Thank you,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp  
**Date:** November 4, 2019 7:58:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

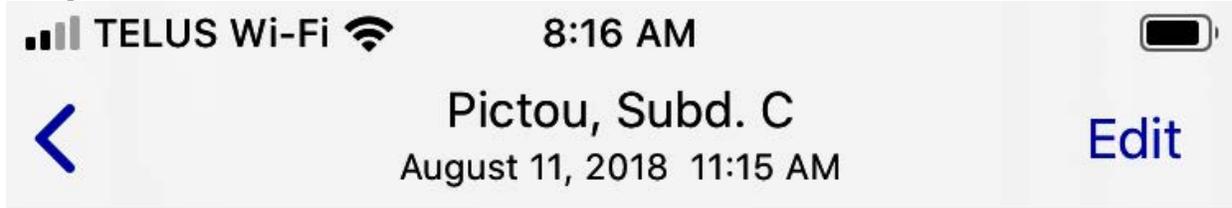
*Halifax, NS*

From:  
To: [Environment Assessment Web Account](#)  
Subject: Re pipe  
Date: November 5, 2019 1:54:19 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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TELUS Wi-Fi

8:16 AM



Pictou, Subd. C  
August 11, 2018 11:15 AM

Edit



TELUS Wi-Fi

8:21 AM



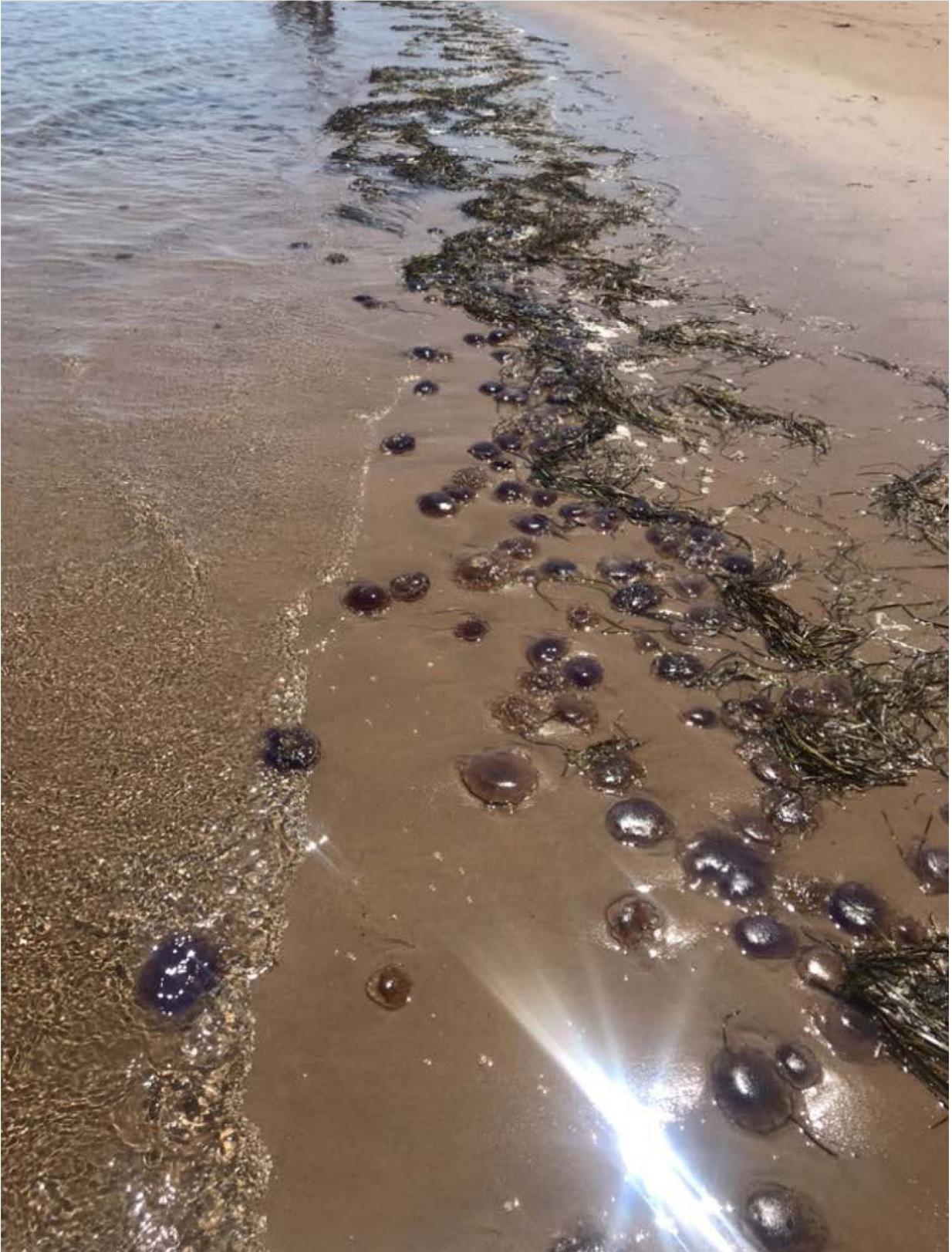
Melmerby Beach Provincial Park

Edit



July 26 12:51 PM

EGIT



TELUS Wi-Fi

8:23 AM



# Melmerby Beach Provincial Park

July 26 11:32 AM

Edi





Dear minister of Enviroment,

These photos taken along what was once the beautiful Northumberland Coast are but a mere indication of the aftermath of effluent being dumped into our living oceans.

From Pictou Island to Quarrie Island I have seen the pollution of our waters and beaches. The loss of our clams and mussels beds.

This summer was my first time whitnessing the jellyfish die like this at our Provincial Melmerby beach.

Clean, clear water is only when we have an off shore breeze. Then Pictou Island is there to greet the on shore breeze with brown, smelling effluent water.

The air quality..... stinks .I came by boat with quests from afar to visit historical Pictou. The air was so bad we left within 15 minutes.

The time has come on so many levels to STOP.

Honour the boat harbour act for the sake of our living waters, forests and our lives.

# no pipe

Sincerelv.

Sent from my iPhone

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Say no to Northern Pulp  
**Date:** November 5, 2019 1:55:28 PM

---

**From:** @gmail.com>  
**Sent:** November 4, 2019 7:16 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Fwd: Say no to Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

----- Forwarded message -----

**From:** @gmail.com>  
**Date:** Mon, Nov 4, 2019 at 7:15 PM  
**Subject:** Say no to Northern Pulp  
**To:** <[minister.environment@novascotia.ca](mailto:minister.environment@novascotia.ca)>

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

LaHve, NS

Sent from my iPad

**From:** \_\_\_\_\_@gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 1:55:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: please take a moment and look at the 5th ingredient of Kraft Parmesan Cheese. it is cellulous fibre. the exact product that is made at northern pulp. and for years it has been supplied by northern pulp to Kraft in Montreal as a filler for their scrumptious shakable topping. 100 eatable, imagine that. 100 YES TO THE PIPE AND EFFLUENT TREATMENT. Name: \_\_\_\_\_ Email: \_\_\_\_\_  
@gmail.com Address: \_\_\_\_\_ Municipality: new glasgow Postal-Code: \_\_\_\_\_

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Please reject the Northern Pulp EA  
**Date:** November 5, 2019 1:56:30 PM

---

**From:** @ecologyaction.ca>  
**Sent:** November 5, 2019 8:48 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Please reject the Northern Pulp EA

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. **I would like to ask you to reject this proposal in its entirety** due to the serious negative environmental effects the project will have on the land, air and sea.

I have relatives who live near the pulp mill and I visit frequently. The smells produced by the plant are nauseating and I've long wondered about the damages the production is causing to the air and water near the plant.

This newly proposed pipeline will make an already bad situation much worse. This new project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

It's a large deterrent for tourism to Pictou, too. Pictou is home to the excellent Grohman Knives company, good restaurants, and the historic ship Hector. But the frequent smell and eyesore of the plant is a large deterrent (even for my family who have been long familiar with the plant and the smell) to visit.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: No effluent into the Northumberland Strait!  
**Date:** November 5, 2019 1:57:52 PM

---

**From:** @dal.ca>  
**Sent:** November 5, 2019 9:26 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** No effluent into the Northumberland Strait!

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

I am writing to express my strong opposition to Northern Pulp's plan to release effluent into the Strait. Please do not allow this to happen!

Tatamagouche NS B0K1V0

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Get rid of Northern Pulp  
**Date:** November 5, 2019 1:59:23 PM

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-----Original Message-----

From: @ns.sympatico.ca>  
Sent: November 5, 2019 9:30 AM  
To: Minister, Env <Minister.Environment@novascotia.ca>  
Subject: Get rid of Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

We're writing to express our concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. This proposal must be rejected in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. After all these years of pollution, and clearcutting in support of pollution, it's time for you Department to act decisively and stop this nonsense. We call it nonsense since these practices are entirely unsustainable and are causing irreparable damage to our forests and our waters. You should also be considering the huge loss of natural habitat these antiquated forestry practices are producing. Tourism, along with hunting and fishing should be considered in this decision. We are literally killing the goose that lays the golden eggs. Please put an end to it!

There are no valid economic arguments supporting a continuance this project, while there are many supporting respect for our forest and water environments.

Sincerely,

Dartmouth

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Please Say No to Northern Pulp  
**Date:** November 5, 2019 2:00:05 PM

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**From:** @unb.ca>  
**Sent:** November 4, 2019 8:11 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Cc:** @bellaliant.com  
**Subject:** Please Say No to Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson:

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors (and the fisheries of NB & PEI) and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no economic arguments which can support the damage this project would do to our environment, our relationship with the other Maritime Provinces and our citizens.

Sincerely,

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Say No to Northern Pump  
**Date:** November 5, 2019 2:03:32 PM

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**From:** @Dal.Ca>  
**Sent:** November 5, 2019 10:45 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Say No to Northern Pump

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens. People and the planet must be prioritized over profit.

Sincerely,

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Opposition to Northern Pulp's plan  
**Date:** November 5, 2019 2:06:29 PM

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**From:** @gmail.com>  
**Sent:** November 4, 2019 4:33 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Opposition to Northern Pulp's plan

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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**The Honourable Gordon Wilson**  
Minister of the Environment

**Dear Minister Gordon Wilson,**

**I strongly oppose Northern Pulp's plan to pump effluent into the Strait. I have a house in Halifax and also 2 cottages at Melmerby Beach and have strong ties with the area.**

**The Honourable Gordon Wilson**  
Minister of the Environment

*I respectfully acknowledge that I live and work in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq People*

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Make the right decision re: Northern Pulp  
**Date:** November 5, 2019 2:06:53 PM

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**From:** @hotmail.com>  
**Sent:** November 5, 2019 7:06 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Make the right decision re: Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I moved here 20 years ago. As someone who cares about the environment, I asked what I can do to help maintain the valuable resources here. I was told THEN to focus on this issue.

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment.

I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: No to Northern Pulp  
**Date:** November 5, 2019 2:07:44 PM

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-----Original Message-----

From: @gmail.com>  
Sent: November 4, 2019 7:05 PM  
To: Minister, Env <Minister.Environment@novascotia.ca>  
Subject: No to Northern Pulp

\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Please reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Comments of Northern Pulp Focus Report  
**Date:** November 5, 2019 12:42:20 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003301.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Thank you for your time and consideration with this matter.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

Attention: Hon. Gordon Wilson, Minister of Environment

I am currently employed in the Forestry Sector in Nova Scotia and also live in rural N.S. I have had the opportunity to attend presentations and review the Focus Report documents surrounding the proposed construction of a new ETF (Effluent Treatment Facility) for Northern Pulp. I am fully supportive of the construction of a new world class ETF and the subsequent closure and remediation of Boat Harbour once this facility is constructed. The Provincial Government has already stated that they are significantly behind in gaining Federal Environmental Assessment approval to commence the cleanup of the provincially owned Boat Harbour ETF. This facility should remain operational until such time as the new ETF is constructed. This will allow the Forestry Sector, a renewable resource, to continue to thrive to the benefit of thousands of workers and tens of thousands of private land owners in the province. Because forestry is so integrated in N.S. (Sawmills, Private Land-Owners, Silviculture workers, Pellet Plants, Pulp Mills etc.) all activities are reliant on one another and Northern Pulp is the key facility that holds all of these businesses together in the supply chain.

A significant amount of 3<sup>rd</sup> party, independent expertise was used to compile the data and contained and analyzed in the focus report submitted by Northern Pulp for the new ETF project. The assurances provided by these experts indicate no significant adverse residual environmental impacts have been predicted for this project construction or future operation. In addition the focus report data indicated no significant impacts on the marine species surrounding the proposed new ETF discharge area. The fishery and forest industry have existed for 50+ years in the existing outfall area at Boat Harbour. Contrary to public commentary by several groups and individuals regarding the potential impact of treated effluent from the mill on lobster fishing grounds, the data provided in the focus report shows the current lobster fishing grounds can be found in closer proximity to the outfall from the existing Boat Harbour Facility than the proposed new outfall. This begs the question on why those concerned with the NEW treatment facility and outfall seem to ignore the data that shows the strong, growing lobster fishery in the area is not being impacted for the previous 50+ years. Why would a new, improved system not be an improvement on the existing situation?

Since Paper Excellence purchased Northern Pulp in 2011 numerous improvements have been made to the facility to improve air particulate, effluent and odour. As shown in benchmarking section of the Focus Report Northern pulp is currently and average to above average mill when compared to other Kraft pulp mills currently operating in all other jurisdictions in Canada. The new proposed facility will only improve on these statistics.

Name:

Address:

E-mail:

Signature:

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Name: .

Address

E-mail: \_

Signatur

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The Focus Report data allows me to see that fishing has coexisted in the Northumberland Strait for 50+ years. Currently, lobster fishermen are setting traps in the existing outfall from the Boat Harbour facility. Obviously, if there was a negative impact on the fishery they would not be setting their traps at that location. The new ETF will be an improvement on the current situation.

To close Boat Harbour without having an existing facility operating would permanently collapse the forest industry in Nova Scotia. This would negatively impact thousands of people directly and indirectly employed in the forest industry and would devastate tens of thousands of private land-owners in N.S. The implementation of government initiatives such as the Lahey report will be impossible without a market for low grade pulpwood and will cause the closure of several sawmills throughout N.S.

The proposed facility will be an improvement over the existing situation where all effluent leaving the site will be treated. The pipe being used is well above industry standard and the new outfall location will be far superior to the existing situation. There are currently other similar pulp mills in the province that have existing ETF outfalls into the ocean. Numerous 3<sup>rd</sup> party expertises have concluded that the ETF indicates that there will be no significant environmental impact for the project's construction or future operation.

Forestry is a renewable resource that everyone in N.S. uses each and every day in their daily activities one way or another. We have the forests, science and expertise in our favour. Do not allow that vocal minority to jeopardize that.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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Attention: Hon. Gordon Wilson, Minister of Environment

I am currently employed in the Forestry Sector in Nova Scotia and also live in rural N.S. I have had the opportunity to attend presentations and review the Focus Report documents surrounding the proposed construction of a new ETF (Effluent Treatment Facility) for Northern Pulp. I am fully supportive of the construction of a new world class ETF and the subsequent closure and remediation of Boat Harbour once this facility is constructed. The Provincial Government has already stated that they are significantly behind in gaining Federal Environmental Assessment approval to commence the cleanup of the provincially owned Boat Harbour ETF. This facility should remain operational until such time as the new ETF is constructed. This will allow the Forestry Sector, a renewable resource, to continue to thrive to the benefit of thousands of workers and tens of thousands of private land owners in the province. Because forestry is so integrated in N.S. (Sawmills, Private Land-Owners, Silviculture workers, Pellet Plants, Pulp Mills etc.) all activities are reliant on one another and Northern Pulp is the key facility that holds all of these businesses together in the supply chain.

A significant amount of 3<sup>rd</sup> party, independent expertise was used to compile the data and contained and analyzed in the focus report submitted by Northern Pulp for the new ETF project. The assurances provided by these experts indicate no significant adverse residual environmental impacts have been predicted for this project construction or future operation. In addition the focus report data indicated no significant impacts on the marine species surrounding the proposed new ETF discharge area. The fishery and forest industry have existed for 50+ years in the existing outfall area at Boat Harbour. Contrary to public commentary by several groups and individuals regarding the potential impact of treated effluent from the mill on lobster fishing grounds, the data provided in the focus report shows the current lobster fishing grounds can be found in closer proximity to the outfall from the existing Boat Harbour Facility than the proposed new outfall. This begs the question on why those concerned with the NEW treatment facility and outfall seem to ignore the data that shows the strong, growing lobster fishery in the area is not being impacted for the previous 50+ years. Why would a new, improved system not be an improvement on the existing situation?

Since Paper Excellence purchased Northern Pulp in 2011 numerous improvements have been made to the facility to improve air particulate, effluent and odour. As shown in benchmarking section of the Focus Report Northern pulp is currently and average to above average mill when compared to other Kraft pulp mills currently operating in all other jurisdictions in Canada. The new proposed facility will only improve on these statistics.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp: Nov 8th proposed effluent plan cannot proceed  
**Date:** November 5, 2019 10:59:55 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I am writing to express my severe opposition to Northern Pulp's proposed plan to pump effluent into the Northumberland Strait. I am greatly concerned with the negative effect this will have on our waters, air, and land and all the animals, plants, and **people** that make these places their home. The ecological effects of such activities have been well documented. Further, the tourists we rely so heavily on are not going to keep coming if they can't swim in the water on their vacations. And what good would this plan be to our fishing and aquaculture industries, which we also greatly rely on? Our healthy environment is an investment on many levels.

I grew up swimming in Paper Mill Lake, a toxic dump that took many years to clean up, but even as such it is still a dead lake and probably always will be. As an angler, I have watched the fish populations decline in waters across the province over the years. Did you know that there are warnings in our Nova Scotia fishing guides to not eat too many wild caught fish of various types due to pollutants? Our fishing tourists see that also. There have been countless more examples of dumping effluent and its effects already in our industrial history. Frankly, we know better now and so we must do better. And Northern Pulp is not going to do better without the proper impetus. Why would they? We have the knowledge and the technology to make better decisions. Please make the better decisions and reject Northern Pulp's proposed plan. Please do what you can to push for a better solution so that we can have a healthy industry in Nova Scotia, both environmentally healthy and financially healthy. Please encourage Northern Pulp to work with green investors and researchers to find a better solution. We are counting on you.

I appreciate your time in this matter. Please do respond and let me know what your intended action is in this matter.

Best,

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:18:15 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is an very important pillar of our provincial and regional economy. All of us are concerned about the environment but we need to allow science to be understood and accept the findings of that. For that very reason Iâ?Tm asking the provincial government to allow this facility to maintain operational for years to come. Closing it will not only hurt our economy but also our environment because an healthy forest has an very positive effect on our climate. Name: Email:  
@eastlink.ca Address: Municipality: North Salem Postal-  
Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:18:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: From what Ive learned over the past few months about the treatment facility I can say with confidence, that with the technology being used, the discretion and understanding the company has, this can only benefit not only the environment moving forward, but also the employees needed to build and maintain said facility. In a time where jobs are hard to find, and unemployment rates being so high, it would make sense to bring in a project of this scale. With what we know now, the precautions being taken to ensure that the environment is kept safe is above and beyond what its been in years. Meaning allowing such actions to take place would stand as a bulwark, being pillar of an example of how things should be done when trying to continue our use of forestry as an industry, while also defending our environment in the best way we can. Name:

Email: @hotmail.com Address: Municipality: Postal-Code: Phone: ### ### -  
##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 32 y: 18

From: @hotmail.com  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 5, 2019 2:24:45 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: November 5, 2019

Comment on the Northern Pulp Focus Report Page 1

ATTN: NS

Environment Assessment/CEAA Dear Minister: I do not support the directing of effluent from the Northern Pulp Mill into Northumberland Strait by any means. Please do not grant this Mill an Operating Permit to further destroy our beautiful province. I am outraged that we are again required to study over 4000 pages of pro pulp industry jargon and pseudo science. A daunting task in only 37 days!!!!!! Inadequate time frame for sure. It is clear that real time testing has never been accomplished. The assurances contained within the report are not worth the paper they are written upon. The words try to confound Nova Scotians and are designed to obscure the truth that Northern Pulp will continue to be an environmental disaster. We do not want this dirty polluting industry clear-cutting our trees, fouling our air and destroying our oceans. Clean water and air are the sacred rights of all. Beautiful natural forests and surroundings are essential to our well being. And it is your great responsibility to ensure that industrial activities are safe and life affirming. Mr. Minister, this is the oath that you swore to uphold. Your oath was never to secure financial well being for industry. Please see my original EA response named

Supplemental. The lack

of trust issues remain the same, the health concerns remain the same, the remarks that we are dealing with a "Bottom of the Barrel" company still hold true. The overwhelming amount of solids that will be deposited daily in this rich marine environment is criminal and must not occur. Hot fresh water laced with toxic chemicals. The burning of black sludge. There is just no science existing to illustrate there is any safety in these pulp mill activities. The proposed route is still unacceptable and damaging to natural eco systems and the Fishery. The very nature of the receiving waters in the Northumberland Strait cannot stand up to this abuse and will be irrevocably damaged. Our Tourism Industry will be trashed. Please accept an expert opinion here, Dr. Robert Macneil, Sydney, NS who published these words: "I'm quite comfortable stating that nothing good comes out of pulp mill waste currently deposited in Boat Harbour. The wood fines from the discharge have drifted east and west of the mill for many kilometres. The wood fines, which constitute the bulk of the solid discharge, provide a floatation system to ensure a wide dispersal of the dioxins, furans and other toxic substances along that coast. I have first-hand experience looking at fish nets and lobster traps of local fishermen coated with those contaminates. I have read the proposed plan and, in essence, what happens is those same wastes currently produced and delivered to Boat Harbour will now be delivered further off shore. This would ensure that those same contaminants and poisons are dispersed over a wider area of our coastline, poisoning a different marine ecosystem. To reiterate, closure of the pulp mill will result in economic hardship but persistence of the pulp mill spewing its noxious wastes is by far the greater crime and as such I would recommend against the proposed changes to the effluent water management from that site. It's time we started looking after our resources for our future generations." Thank You for this opportunity to speak to your Department on this crucial matter. #No Pipe

Three Brooks NS @hotmail.com Name:

Email: @hotmail.com Address: Municipality: Three

Brooks, NS Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:25:30 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: It is wonderful that we have companies in our province of Nova Scotia, that can hugely benefit from our renewable raw materials. Name: Eastern Cargo Ltd Email: @hotmail.com Address: Municipality: Scotsburn Postal-Code: B0K 1R0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 58 y: 29

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:30:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister, Please support this, for the present and for future growth, help shape the culture. Name:  
Email: @hotmail.ca Address: Municipality: Liverpool Postal-  
Code: B0t1k0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 88 y: 15

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Input on Northern Pulp plans to pump effluent into Northumberland Strait  
**Date:** November 5, 2019 2:37:25 PM

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**From:** @gmail.com>  
**Sent:** November 5, 2019 2:31 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Input on Northern Pulp plans to pump effluent into Northumberland Strait

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson:

I understand that your office is accepting public input until Nov 8, on Northern Pulp's plans to pump effluent into the Northumberland Strait. I am writing to express my opposition to this proposal. This company's environmental track record is abysmal, and I see no reason to trust that they will do any better in the future.

Best regards,

Wolfville,

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:37:56 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister, Please support Northern Pulp in the project "Replace Effluent Treatment Plant", without your support the loss of jobs will effect hundreds of families across the province. Name:

Email: @hotmail.ca Address: Municipality: Liverpool  
Postal-Code: B0t1k0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 86 y: 21

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:40:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have read the Focus Report, based on the data and results from the report it is scientific facts that reveal Northern Pulp is within regulations for DOE, Pulp and Paper regulations and Government regulations for effluent waste water treatment. The data, graphic representation and information in the report supports an extension of Boat Harbor in order to construct the pipeline and the new effluent treatment plant on site. My experience in Environment Labs and Industry job settings over 20 years, along with my education, B.Sc. Chemistry Major, Math Minor from St. F.X. and also a Chemistry Laboratory Technology Diploma with High Honors from Nova Scotia Agricultural College provided me with the facts to say YES to an Extension for the Replacement Effluent Treatment Facility Project. Name: Email:  
@hotmail.com Address: Municipality: Pictou Postal-Code:

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:40:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister, Please support Northern Pulp in the project "Replace Effluent Treatment Plant", without your support the loss of jobs will effect hundreds of families across the province. Name:

Email: @hotmail.ca Address: Dear Minister, Please support Northern Pulp in the project "Replace Effluent Treatment Plant", without your support the loss of jobs will effect hundreds of families across the province. Municipality: Liverpool Postal-Code: B0t1k0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 82 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:46:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This would be a financial blow to NS if this mill was to close. Name:

@hotmail.com Address:

Email:

Municipality: Elmsdale NS

Postal-Code:

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 2:58:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Nova Scotia forest industry employes a large number people. If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project to help ensure that we maintain the jobs and the economic benefits generated by the forest industry. Name: Email:  
@eastlink.ca Address: Municipality: Enfield Postal-Code:

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 3:11:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We should help in any way we can to keep this industry strong in Nova Scotia. It sounds like they have a solid plan for the future operations of Northern Pulp. Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 66 y: 26

**From:** @freemanlumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 3:12:27 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We should help in any way we can to keep this industry strong in Nova Scotia. It sounds like they have a solid plan for the future operations of Northern Pulp. Name: Email:

@freemanlumber.com Address: Municipality: Postal-Code: Phone: ### ### -  
##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 60 y: 19



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Focus report on northern pulp proposed replacement Effluent Treatment Facility project  
**Date:** November 5, 2019 3:36:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

I have been a resident of the town of Pictou for some 67 years. The pulp mill has been a major concern for over fifty of those years. The prosperity brought to this area by the mill has come with a high price, both to the environment and to the health of the citizens in the area. The creation of a waste site at Boat Harbour for the mill with the promise that it would not harm the estuary was based on a lie. The facts are well documented. In 2015, another promise made to close the facility by 2020 was made. If the site is closed, the new waste proposals have a pipe passing through the watershed area servicing the town of Pictou water needs and emptying into the lucrative Northumberland Strait fishing grounds. As a citizen of this area I must express my concerns with this whole issue.

- 1) How will this new system affect fishing?
- 2) How will tourism be affected in Northern Nova Scotia?
- 3) How will the most beautiful beaches in the province be affected?
- 4) Why will this new pipe not leak and destroy the watershed for Pictou?
- 5) How will the above be monitored and measured?

In closing, before any decisions are made, it might be worth while for every member of the provincial government to walk the shores of Northern Nova Scotia where the effluent pipe is to be placed to get a good look at what is at risk. I have first hand knowledge of the destruction caused by mill effluent at Boat Harbour and the nearby, now vacant and polluted beaches. It's not pretty.

Email @eastlink.ca

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 3:48:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Thirty-five years ago I moved to Pictou County from Halifax to take a job at the pulp mill. I bought a house and raised a family. My family still live here. I have confidence , after reading the summary of the focus report, in the technology and feel the mill has proven with scientific facts that the treated effluent diffused into the strait will meet or exceed all Government guidelines. The fact that the pipeline is 1/2 thicker than the regulated guidelines, built with fused joints and includes leak detection technology gives me further peace of mind against the possibility of a leak into the surrounding area. I fear the consequences would be devastating to Pictou County and Nova Scotia if an employer, the caliber of Northern Pulp was forced to leave due to public pressure from unfounded fears and misinformation that the environment would be compromised. Also a fact often overlooked is that the effluent from Boat Harbour has been released directly into the Northumberland Strait since 1967 with no adverse effects to the fisheries. Name:

Email: @yahoo.ca Address:

Municipality: STELLARTON Postal-Code:



**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 4:30:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp had Five Years to cleanup their mess!! Stop the savage raping of our forests! Name: Email:  
@icloud.com Address: Municipality: Diligent River Postal-  
Code: B0M 1H0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 63 y: 32

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 5:04:30 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp is very important to nova scotia economy and environmental issues will have to be address and sorted out, lets work together and protect our industry. Name: Email:

@hotmail.com Address: Municipality:  
Liverpool Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** re: Northern Pulp focus report  
**Date:** November 5, 2019 5:26:27 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Nov. 5th, 2019

The Honorable Gordon Wilson,  
Nova Scotia Minister of Environment

Dear Mr. Wilson,

I am a registered nurse and my husband is a professional fisherman living  
I have been in health care for over 30 years and my husband has  
been fishing the Northumberland Strait for over 30 years as well.

We are writing today in regards to Northern Pulps focus report. The report is very confusing to read and understand . That being said, I know the damage done by big industries are subtle at first. Man made disasters take time to reveal the true extent of their horror. But it will happen. That is why we ask that you reject their proposal.

1. The idea of allowing toxic effluent to be pumped into our precious ecosystem of the Northumberland Strait a horrendous proposal. If this is a " state of the art" treatment facility, then Northern Pulp should be reusing their waste product for their plant. The fact that they are looking for a new "dumping sight" speaks volumes.
2. This poster speaks for itself in regards to the importance of our fishing industry in comparison to Northern Pulp.



sources: Department of Fisheries, Government of NS, Port of Halifax, NS Exports

# 3000+

Fishermen make a living on the Northumberland Strait

# 18,000

Are working in the fishing industry in Nova Scotia

## NOVA SCOTIA'S \$5.4 BILLION EXPORT ECONOMY

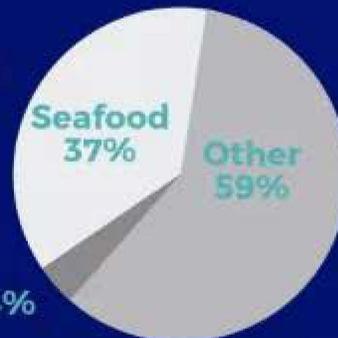
Seafood

### \$2,000,000,000

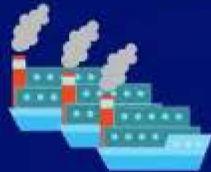
Pulp

### \$228,000,000

Pulp 4%



The average container exported through the port of Halifax equates to **\$25,000** in economic benefits to the economy of NS.



A container filled with Nova Scotia Seafood equates to **\$73,650**, almost **3X** the average!

# 30%

of Canada's fishery revenue comes from the Southern Gulf including the Northumberland Strait.



The reputation of Canada's fishing industry is built on clean, cold, pristine waters off our coastlines. A threat to this reputation is a threat to the

fishing industry throughout  
Canada.

 FRIENDSOFTHENORTHUMBERLANDSTRAIT.CA

3. It took one cow with bovine spongiform encephalopathy (mad cow disease) to shut down the beef industry in Alberta. Imagine the devastation to the fishing industry when (not if) a tainted "Maritime Lobster" is sold on the world market.

Now is the time to start protecting our air, our water, forests, wildlife etc. Years and years of pollution and contamination has occurred because of Northern Pulp. No amount of treatment to the effluent or science is acceptable for our waters. Make a difference for us and our future generations. Refuse this proposal.

Respectfully submitted,

**From:** [@seasidehighspeed.com](mailto:@seasidehighspeed.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 5:56:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northumberland Strait should not be a pulp waste dump. Furthermore, Boat Harbour is a disgrace that stains every Nova Scotian. It is essential that the Boat Harbour Act be honoured in good faith. Name:

Email: [@seasidehighspeed.com](mailto:@seasidehighspeed.com) Address: Municipality:  
Amherst Head Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 5:56:22 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing to express my concern and astonishment that discharging an estimated 60 to 80 million liters of effluent from Northern Pulp into the Northumberland Strait is still a consideration after 50 years of living with the environmental degradation heaped upon Pictou County First Nations people in particular and all Pictou County and the surrounding area in general. I read Northern Pulp's first EA submission but I failed to read the Focus Report due to its length and complexity. I feel that even if I took the time to read and to objectively weigh the information in the Focus Report, my mind would still not change. Protecting the Northumberland Strait ocean environment outweighs job losses resulting from the mills closure. Economics should not trump good environmental stewardship. From what I understand the exact composition of the effluent to be discharged from the proposed system has not been determined. Please do not let down the people who plead NO PIPE - particularly those who live in close proximity to Northern Pulp. Name: \_\_\_\_\_ Email: \_\_\_\_\_ @gmail.com Address: \_\_\_\_\_

. Municipality: Dartmouth Postal-Code: \_\_\_\_\_

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 6:02:27 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This mill needs to stay open to keep people employed. Not only the people in the plant, but all the other businesses that supply services to the mill. Closure would have a huge impact on the economy. Name:

Email: @gmail.com Address:

Municipality: Stellarton Postal-Code:

From: \_\_\_\_\_@hotmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 5, 2019 6:04:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: November 4, 2019 Dear Nova Scotia Minister of Environment, I am writing to you to express my concerns with Northern Pulp's Replacement Effluent Treatment Facility. Northern Pulp's proposal of putting a pipe, pumping unknown effluents into the Northumberland Strait, is lacking the thorough scientific data concerning the true impact it will have on the fragile ecosystem of the Strait and the health of the people of Pictou County. Any potential or possible risk to our fishery, tourism, health and the environment is a risk not worth taking. I strongly urge you to deny this proposal due to the lack of the scientific information needed to properly assess the affects that this "unknown" effluent will have on the lobster larvae, herring spawn and human life. The mere fact, that Northern Pulp has acquired nothing but experimental data collection and modelling which only provides a theory or guess of what affect their effluent will have on the fragile ecosystem of the Northumberland Strait is reason alone to deny their request to pump effluent into our Strait. This is not a scientific Focus Report, therefore, it should not be even considered. Pumping 62 to 90 million litres of this effluent per day into the Northumberland Strait will put our fisheries at risk. Northern Pulp's Focus Report uses words such as: "possible", "unexpected", "estimated", these words are mere "speculation" and "hope" not a guarantee that their effluent will not cause detrimental, irreversible harm to the ecosystem of the Northumberland Strait. In fact, this proposal shows that there is a potential risk to the health of our beautiful Northumberland Strait. Thirty percent of Canada's fishery revenue comes from the Southern Gulf including the Northumberland Strait. The reputation of Canada's fishing industry is built on clean, pristine waters off our coastlines. A threat to this reputation is a risk to all of Canada's fishing industry. Any risk to our Strait and to the reputation of our fishing industry must be examined and studied until we know with certainty based on complete and thorough scientific study not theories. You cannot draw conclusions from theories, only from testing said theory, this is not a scientific Focus Report. I believe it is important to point out that :Appendix E3, Stantec Receiving Water Study PRELIMINARY RECEIVING WATER STUDY FOR NORTHERN PULP EFFLUENT TREATMENT PLANT REPLACEMENT, PICTOU HARBOUR, NOVA SCOTIA p 4.80-4.81 Engineering Considerations August 11, 2017. It was reported in ENSR, 1999 that Maritime Telephone and Telegraph MTT performed an ice evaluation in support of an optical communication cable deployment across the Northumberland Strait. Based on MTT's review, the estimated potential for damage to the cable from ice scour extended to water depths of 12 to 14 m. In 1991 their cable was trenched and buried to a selected depth depth is unknown and left on the surface of the sea bottom at greater depths. Unfortunately, the winter of 1991/1992 was severe and the cable was severed by ice keels at a water depth greater than 18 m towards the Woods Island, PEI side of the Northumberland Strait?. With the changes to our climate due to climate change there is no way of knowing how this will affect future ice scouring. It is also unknown how the heated effluent will affect the formation of ice. A pipe rupture is a definite concern based on the above information. Northern Pulp states that there would be a leak detection system in the pipe, however, the public has been told this before only to find out that it either wasn't true or wasn't working. What

happens if this leak detection system malfunctions? The fact that the findings of the latest pipe leak at the North Pulp facility has not been released to the public is more than concerning. I have many questions about the what if's? What happens if the pipe ruptures during the winter months when it is completely covered in ice? If damage occurs due to ice keel, how would they propose to fix it with all that ice? How much effluent will pour into the Northumberland Strait before the leak is stopped? What affect will that have on the lobster larvae and other marine life in that area? What happens if the effluent pollutes and destroys the surrounding fishing grounds? What happens if harvested lobster is sold and turns out to be contaminated? What if all their theories don't hold up and our beautiful Strait becomes another Boat Harbour? These could all be considered possible, estimated, or expected but more importantly, preventable by not allowing Pulp Effluent to be pumped into our valuable, beautiful, prosperous Northumberland Strait. Air quality is another point of concern due to the fact that the current emissions from Northern Pulp have adverse affects on my families health. When the emissions blow over my area I suffer headaches and nausea which happens on an almost daily basis. My daughter has to use her asthma puffers only when she returns to Pictou, her hometown, not once did she need to use them in university or her current place of residence, Halifax. Once again Northern Pulp's information concerning rates of emissions for each contaminate were estimated, to me that is very concerning. Northern Pulp states the monitoring program will commence 1 year prior to Replacement ETF commissioning dates to be determined to monitor baseline air quality in the absence of emissions for the replacement ETF. During commissioning only continuous monitoring parameters will be collected. When replacement ETF is fully operation all Contaminants will be collected again. The length of the monitoring program and sampling duration of individual Contaminants will be determined in consultation with the Nova Scotia Department of the Environment NSE. Obviously, there will be a change to the emissions and they do not know for certain what these changes will be or how they will affect the people breathing these emissions. I, my family and the people of Pictou County have the right to uncontaminated air in which to breathe. Our health and wellness should matter and with all the unknowns we are all being put at risk. I implore you to consider the possible health affects these emissions will have on us. As a lifelong resident of Pictou I have enjoyed walking our beautiful beaches, especially Munroe's Island. The proposed pipe will be pumping unknown effluent not far from Munroe's Island which is one of Nova Scotia's unspoiled natural beauties and is a sanctuary for birds and wildlife. It is important to protect these delicate areas from environmental dangers. Tourists are drawn to Nova Scotia for its beautiful coastlines and beaches. I have sailed the Northumberland Strait fishing mackerel, lobster and have seen many whales and porpoises swimming in our waters. Tourism is important for the economy of all Nova Scotians and this proposed pipe with its unknown dangers, effects and deadly consequences to our beautiful coastline places this important industry in jeopardy as well. In conclusion, Northern Pulp's Replacement Treatment Facility Proposal is not based on complete and thorough science data and has too many unanswered questions that will have devastating consequences for our Strait, fishing industry, tourism and our health. I strongly urge you to protect The Northumberland Strait because the unknowns and risks are too many to ignore. Boat Harbour is proof of what happens when decisions are made without knowing all the risks, when we know better, we should do better. Do Not let our beautiful Northumberland Strait become the new Boat Harbour. Name: \_\_\_\_\_ Email: \_\_\_\_\_  
@hotmail.com Address: \_\_\_\_\_ Municipality: \_\_\_\_\_  
Pictou Postal-Code \_\_\_\_\_

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 6:06:41 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Keep your promise to  
First Nations Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - #### Fax:  
### ### - #### email\_message: Privacy-Statement: agree x: 35 y: 33

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Pipe in Northumberland Strait  
**Date:** November 5, 2019 6:17:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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We are writing to express our opposition to Northern Pulps proposal to pipe effluent (treated or not) into the Northumberland Strait. Northern Pulp has proven it does not follow the rules. Past behaviour is a prediction of future actions. It's our opinion Nova Scotia needs to refer this file to the Federal Government for a Federal Environmental Assessment. The number of interested parties, the potential for loss to our fishing and tourist industry as well as impact to those who regularly enjoy the Northumberland Shore depends on this being assessed properly.

Sincerely,

Sent from my iPhone

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 6:20:40 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: i agree with this plan..it will work for all parties involved, Name: Email: @outlook.com  
Address: Liverpool nova scotia Municipality: Liverpool Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 6:34:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Mr. Gordon Wilson, I am concerned about the proximity of the effluent pipe being so close to the Central Caribou Cemetery. The distance between the guardrail of the 106 highway and the nearest headstone is only 170 feet. This stone is one of the oldest in the cemetery, dated 1868. The possibility of more unmarked graves close to this stone is also concerning. The tradition back in the 1800s was to bury outcasts of the community and unbaptized children outside the perimeter of the cemetery. The actual pipe itself will be much closer than 170 feet to this cemetery. What is the protocol in the case of a pipeline leak in this area? Will cleanup include exhuming peoples remains? Also, in the Focus Report they state that they will not be using double walled pipe even though it was recommended in first EA. Northern Pulp claims they are concerned about the environment so one would assume they would want to use the double wall pipe for extra security in the event of a spill, especially over a to wns watershed! I feel this pipe is a great risk to our community and recommend that you reject this proposal.#NOPIPE Name:

Email: @gmail.com Address:

Municipality: Central Caribou Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northumberland Strait  
**Date:** November 5, 2019 6:37:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sent from my iPad. A federal assessment is a necessity for the effluent treatment system at the Northern Pulp Mill in Pictou County. I very clearly recall when Boat Harbour was a scenic destination. Now it is a toxic mess.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Forestry  
**Date:** November 5, 2019 6:37:45 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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I have been working in or involved in some way with forestry most of my 80 year life. The picture shown on faicebook shows Man's greed and nothing else. Nothing there meets ISO standard 2004 that Bowater's worked under. No shelter or seed trees, Travel on wet ground that leaves permanent tracks. that land is ruined for anything but major EXPENSIVE renovation that will be necessary for future use. and by that time the company will be moved elsewhere. Check in m|ethegan, they have been harvesting the same forest for 400 years, and generations are still making a living off of it.



Virus-free. [www.avg.com](http://www.avg.com)

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp  
**Date:** November 5, 2019 6:43:11 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

My name is \_\_\_\_\_ has been an employee of Northern Pulp, in Pictou County, for the last 10 years and previous to that, Sproule Lumber, in Truro.

The forestry sector of Nova Scotia has enabled us to live and raise our family in our home County of Pictou.

To me, we have the most beautiful beaches and campgrounds along the Northumberland Strait and I am proud to tell everyone from away how lucky we are to live here. The beaches are our playgrounds. We swim, snorkel, dig clams and fish from these waters.

Nova Scotia needs Northern pulp.

The science proves this new treatment plant is safe on the environment. The Boat Harbour process, which flows from Pictou harbour and into the Northumberland Strait, has never hurt or damaged the fishery so I feel confident in the science of the new process.

Please do the right thing and keep the mill and forestry jobs in Nova Scotia.

Thank You

Sent from my iPad

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:25:25 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I agree nova scotia needs this project  
Name:                      Email:                      @yahoo.com Address:  
Municipality: Haverhill Postal-Code:

From: @shaw.ca  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 5, 2019 7:27:55 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am the person whose house on Caribou Island is closest to the effluent discharge point

After reviewing Addendum 3.0 "Receiving Water Study, I whole-heartedly support the location and operation of the pipeline discharge point. I am also a Professional Geologist, retired, with experience in the study of sedimentation in estuaries. I also have experience in flow and dispersion modelling for offshore oil spills with Husky Energy. Figure A-13 in Addendum 3.0 shows the highest concentration of effluent at the outfall of all the figures. The concentration of effluent at the outfall is 100 mg/l or 00.01. In other words, 99.99 water.

Response IR1-18 states that the dilution ratio is 32.4 times within 2m of the diffuser.

Therefore the scale in figure A-13 starts at 2.5mg/l 00.00025 effluent or 99.99975 water as anything higher cannot be shown at that scale. I imported figure A-13 into Google Earth as the vertical scales in the Addendum 3.0 are compressed 2X. The dispersion maps indicate the effluent disappears to undetectable levels by about 700m distance from the discharge point. I sit in my beach chair and often look towards the point where the PEI ferry turns which is close to the discharge point. I see very few fishermen fishing there if any, ever. And I sit in my beach chair a lot. Compared to what is flowing past me from the Great Lakes and every Northumberland Strait community in New Brunswick as well as Charlottetown, the proposed discharge from the Northern Pulp pipeline is but a flea fart on an elephant. It will not affect more than 1 or 2 fisherman and maybe a dozen lobster traps at most. There may be other issues, but what is coming out of the pipeline should not be a reason for denying Northern Pulp an extension. It certainly should not be an excuse to throw hundreds of forest and mill workers out of work. I will continue to swim at the beach on the end of Caribou Island without worry since there will be no effluent near me. And I will continue to eat the lobsters caught around Caribou Island as they have to be the best anywhere. Name: Email:

@shaw.ca Address:

. Municipality: Pictou Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:34:04 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a wonderful project for now and our future I firmly belief that an extension should be granted to allow this project to be carried out. As a lot of peoples livelihood depend on this outcome. Name:

: @hotmail.com Address: Municipality:  
Westfield Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:37:22 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The actions that we put forth onto the lands and waterways are naturally put forth onto us. If we poison our environment, we poison ourselves. It is simple science! The health and well being of our community should be the TOP priority, not the pumping of toxic effluent or the greedy capitalistic machine that runs it. The pulp mill no longer is serving our community, it is destroying our ecosystem! It is time to shut down the mill and put forth creative solutions which are environmentally safe and will still allow for industry to thrive without the cost of our physical wellbeing and the destruction of our home. There ARE alternative solutions. When one mill shuts down, a better mill will open its doors. This mill needs to stop polluting in our backyards. It is time to take action. Change is imminent. The environmentally aware and the change makers will not back down. Lets employ new strategies and govern a system that helps dismantle criminal behaviour and ensures public health and safety. Name:

Email: @gmail.com Address:

Municipality: Montreal Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Please Reject the Northern Pulp Pipeline Proposal  
**Date:** November 5, 2019 7:39:26 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Mr Wilson,

Please reject the proposal that would result in Northern Pulp emitting millions of litres of harmful effluent into the Northumberland Straight every day for the following reasons:

- 1) Nova Scotia's coast lines and ocean are its greatest asset and short term economic relief is not worth anything close to its value.
- 2) The economic relief provided would not outweigh the future damages to our fisheries, ongoing harm to Pictou's tourism industry, health care costs this pollution continues to contribute to, and future costs of environmental cleanup. Just because these items are more difficult to forecast does not mean they should be overlooked. Any unbiased economic analysis would include these and assign them significant weight.
- 3) The government of Nova Scotia's treatment of Pictou First Nation over this pulp mill illustrates one of the most severe examples of environmental racism Canadian history. Pay these people the respect they deserve and honour the Boat Harbour Act after our government has consistently treated them as second class humans for the previous 50 years.
- 4) The conflict of interest within the indemnity agreement between the Government of Nova Scotia and Northern Pulp is shocking to me as a member of our province. Our leadership has allowed these foreign billionaires to pollute our air and oceans, and take their profits back to Asia while we as tax payers pay HUNDREDS of millions of dollars to clean up. How much has Northern Pulps presence in our province benefitted us economically when we have footed a clean up bill that has already surpassed \$200,000,000? This figure does not even include the fines paid by our province on behalf of Northern Pulp along the way. It is shameful we have let this company come to our province and take advantage of us. What will this cost be in the future? Will the mill even benefit our province economically based on a future clean up bill alone? It is shocking that our current leadership would even consider taking this risk.

Please consider these points and reject Northern Pulps proposal. Mills close around the world, and economies evolve and adapt. Respect the Pictou First Nation community and all Nova Scotians by honouring the Boat Harbour Act that was signed by our premier.

Sincerely,

**From:** \_\_\_\_\_@live.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:42:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Our family and many people in our community need this mill to support our livelihood. Nova Scotia needs forestry!!

Name:            Email:            @live.com Address:            Municipality:

Mavillette Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:44:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project has a big impact and spinoff on so many families livelihood and also the future and they require time to repair what needs or required to be done. Name: Email:

@hotmail.com Address:

Municipality: Westfield Postal-

Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 7:49:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We have provided enough of our tax dollars, enough of the trees on our land and the Plfn land!How beautiful that land used to be. Nova Scotia has sold us out for a billionaire ASIAN company! They have polluted and pillaged far too long. Enough is enough!! Forests need to be replenished and diversified. Woodlot owners can still sell their wood...to reputable, environmentally safe LOCALS. OR leave the forests alone and find new ways of making money. Times change.  
Name: Email: l @hotmail.com Address: Municipality: Stellarton  
Postal-Code: B0k1s0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 63 y: 23

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's proposed wastewater treatment facility.  
**Date:** November 5, 2019 8:08:25 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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I strongly urge you to support Northern Pulp's proposed wastewater treatment facility .With the scientific findings in the fact based Focus Report,I see no long term environmental consequences to the waters of the Northumberland Strait .The forestry and fisheries industries should both be able to continue and strive,side by side in a sustainable way . I am a woodlot owner and operator who wants to continue to manage my woodlots in a sustainable way . This all depends on having a healthy forestry industry with silviculture funding and markets for wood products,which Northern Pulp is a major part of .

The forestry industry in Nova Scotia will be greatly harmed if this project is not supported .

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:14:49 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think it's very important for this project to go forward because forestry is a major part of rural Nova Scotia's economy. If it doesn't there will be massive lay offs and there isn't many other options for employment here. It sounds as if it has been studied and is safe for our environment, so I feel it should go forward for the sake of our economy. Name:

Email: @gmail.com Address: county n.s Bot1b0

Municipality: Queens county Postal-Code:

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:15:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: To whom it may concern, I am writing to express my sincere support for the Northern Pulp Effluent Treatment Facility project located in Pictou, Nova Scotia. I was employed in the pulp and paper industry in Liverpool, NS for 25 years and lived through the closure of the newsprint mill located there. I experienced first hand the devastating impact that this closure had on friends, co-workers and families in our community, in South Western Nova Scotia and across our province. You have to work and invest time in the forest products sector to fully understand how integrated this industry is and how the interruption of wood fibre and wood pulp production in one mill, whether temporary or permanent, has an immediate and far reaching impact across many industry sectors and many communities. Given the central location of the Northern Pulp mill, it serves the entire province as a point of distribution for wood fibre which is critical to the sustainability of the forest products industry in Nova Scotia. This renewable resource industry needs the Northern Pulp facility to survive and to have a viable future in this province. Nova Scotia has been a leading producer of forest products for generations and has a proud history of support for this industry. I am certain that if a new pulp and/or paper producer was willing to invest in Nova Scotia and establish a mill which would create 340 fulltime jobs and another 2,000 indirect jobs for Nova Scotians and was willing to invest another \$130 million in a state of the art world class effluent treatment plant to ensure that there is no negative environmental impact from its processes, there would be many communities fighting for that opportunity. That is what Pictou and the Northumberland Strait region has today, it is already there with a willing community partner in Northern Pulp to make it happen. Forestry and related industries span across the province. Theyre the backbone of employment in rural Nova Scotia. Management of private woodlots in the province account for thousands of jobs in harvesting, silviculture, trucking and road building. In Nova Scotia, the forest products sector ranks 5th in contribution to GDP, 2nd in job creation and 3rd in exporting in the goods producing sector. This is a paramount issue for our province and this companys desire to correct the historical problems associated with the current Boat Harbour facility should be supported in my opinion. Respectfully submitted... Name: Email: @outlook.com  
Address: Municipality: Bridgewater Postal-Code: Phone: ### ## - ##### Fax: ### ## - #####  
email\_message: Privacy-Statement: agree x: 56 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:24:57 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This plan looks like it would work for both environment and forestry workers. Name: Email:

@hotmail.com Address:

Municipality: Liverpool Postal-

Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [Friends of the Northumberland Strait](#)  
**Subject:** Focus Report Reply  
**Date:** November 5, 2019 8:25:39 PM  
**Attachments:** [Focus Report Reply.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please find the attached file as my reply to the Northern Pulp Focus Report.  
Thank You

Minister of Environment, Mr. Gordon Wilson  
Premier, Stephen McNeil  
ea@novascotia.ca

*RE: Reply to Northern Pulp Focus Report*

After reading the Focus Report presented by Northern Pulp, I find the information lacking scientific evidence, as it only provides modeling theory that the toxic bleach kraft pulp effluent will do no harm to the Northumberland Strait. A similar theory was presented as science regarding Boat Harbour before this bleached kraft mill became operational and we are currently dealing with how to cleanup one of Nova Scotia's most toxic waste sites.

The Nova Scotia Department of Environment should follow the precautionary principle and ecosystem approach demanded by The United Nations Convention on Biodiversity supported by Canada in 1992.

The Northumberland Strait is a fragile ecosystem that would suffer irreparable harm if this toxic effluent is dumped into its shallow waters. The Nova Scotia Department of Environment should not ignore a multitude of problems that currently exist as a result of the operation of Northern Pulp. Including, but not limited to, non-compliance with their Industrial Approval by way of excessive air emissions, undetected pipe leaks, the Boat Harbour toxic site, and the deforestation of Nova Scotia at a currently unsustainable rate.

Auditor General Michael Pickup, in his most recent report on the provinces financial situation warned about the cost of cleaning up Nova Scotia's waste sites. The cost of cleanup is a liability on the government books which now stand at 372 million dollars. The cost to cleanup Boat Harbour is currently 217 million dollars and is expected to rise considerable once the work begins. The Boat Harbour Effluent Treatment Facility must close January 31, 2020 to allow for cleanup of the site and healing to begin following over fifty years of environmental racism.

The current government has shown great leadership with the passing of the Boat Harbour Act but re-routing the toxic bleach kraft effluent to the Northumberland Strait will not be a solution to the problem, it will merely move the problem and will harm the lucrative fisheries of not only Nova Scotia but also the fisheries of Prince Edward Island and New Brunswick.

Don't be manipulated by company driven technical arguments about how 'risk' can be managed. This Focus Report is Northern Pulp's theory, it is not scientific proof that no harm will be caused. Our government needs to take a stand on poor environmental choices now, not later. Respect the awesome costs we must undertake to mitigate the toxic pollution this bleach kraft mill has already created. Also please respect the health and wellbeing of the residents of Pictou County and reject the proposed plan to dump toxic kraft pulp effluent into the Northumberland Strait.

Respectfully Submitted

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:34:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Name: Email: @gmail.com Address: Municipality: Bedford Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Facility - Northern Pulp  
**Date:** November 5, 2019 8:36:59 PM  
**Attachments:** [northernpulp2.pdf](#)

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Please see my written comments.

Thank you

YARMOUTH, N.S.

Phone

Email

[@ns.sympatico.ca](mailto:@ns.sympatico.ca)

November 2nd, 2019

Environmental Assessment Branch  
Nova Scotia Environment  
P.O.Box 442, Halifax, Nova Scotia, B3J 2P8

Ladies and Gentlemen;

Re: Northern Pulp Wastewater Treatment Facility

I wish to make the following comments on the latest submission seeking approval of the project.

1. I question the use of the High Density Polyethylene Pipe for the second time. This pipe has an expansion rate that is 10 times as much as iron pipe and that issue was not addressed. On a 15 kilometre pipe, that expansion amounts to about 200 feet from ambient to system temperatures. Using a thicker pipe does not solve the problem. I simply have to question the engineering. I truly believe that this is a factor in the existing line from Abercrombie to Boat Harbour. Further to that, the thicker pipe has an inside diameter about 5 inches less than the stated diameter.
2. Leak detection that they mention appears to be iffy at best. Most of the leaks in the existing system have been detected by the public. I don't predict any change and fear for the increased amount of underwater pipe. Once again I fear for the combination air and vacuum valves on the line. These valves require maintenance and can and do stick open and they have not addressed my previous concerns. This is really important in the area of the Town of Pictou watershed. An air valve can cause a large "leak".
3. The measure of treatment success will be extremely difficult for anyone to assess once the effluent is diffused into the strait. The plume will likely be visible from the PEI ferry and the Pictou Island Ferry when the ferries are running but once the strait freezes the whole treatment system could be shut down and nobody would be the wiser until the mess shows up later. Then we would have a disaster to deal with. At present, one can drive down to Pictou Landing and see the liquid that flows out of Boat Harbour after a month of settling. One can also review all the publicly available airphotos over the years and see where the plume goes into the strait under various tide and wind conditions. This whole diffuser location is terribly risky.
4. The proposed wastewater plant at Abercrombie Point is far too small for the job at hand. With the flows to deal with, the clarifier and the aeration are both far too small. There will certainly not be 2800 horsepower of aeration any more and there will certainly not be a month of settlement.

5. It has not been said but I truly worry that we as taxpayers will have to foot the bill for this proposed system the same as we have paid for the proposal to date and have to pay for the restoration of Boat Harbour. I certainly do not want to have to pay for the new system. Northern Pulp is not publicly traded so I cannot share in their profits like I could with Scott, Kimberley Clark and Neenah. Paper Excellence has bought up a number of mills in Canada and elsewhere as they either shut down or were in danger of shutting down and paid a small fraction of replacement value for any of them, and then run them at or above design capacity with as much government help possible. I say, if Northern Pulp is not paying for this project, then let the mill shut down.

6. No mention has been made in the submission about the supply of wood for the pulp mill. The Scott Mill was designed for 450 metric tonnes or 500 tons per day which equals 1000 cords of wood for the kraft process. Mechanical or thermomechanical mills require far less wood per ton of pulp and produce a more treatable waste and even a more useable waste. Yet early in the life of the mill, production rose up. Today it is double what it was designed for. That really affects the wastewater. And it really affects the amount of wood harvested which is a gigantic environmental problem. Since pulp mills want a low value wood and trucking is now costing a significant portion on long hauls, it is ruining so many rural communities. When the timber is gone, nothing is left. Nova Scotia needs sawmills that are smaller but more evenly spread across the province. The cutting absolutely needs to be more selective on a smaller scale to get back to a higher percentage of lumber logs. A continuous overstory is the lifeblood of good local high value forestry and with smaller mills, shorter hauls and smaller trucks, it is more value to the small woodlot owner. This all allows more value added work.

7. Therefore, unless Northern Pulp can build a pulp mill that is not a chemical mill, with waste that is treatable, all at their own expense, I say that mill must close. Nova Scotia has a massive problem to clean up Boat Harbour. Nova Scotia has a massive problem to try and restore our forests to a responsible state, responsible to the climate and environment, and responsible to the communities that the forests exist in. To get all the low value wood that has been required, NP has worked with larger and larger machines and trucks and fewer and fewer people and raped the land in the process and have done an immense climate change in the process. We can use a pulp mill, probably further west in the province and we need a lot of other types of wood product facilities and mills, but not of a chemical kind and definitely not of the size of the one in Abercrombie.

Thank you,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:37:50 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp operations is vitally important for the survival of the Nova Scotia Forest Industry, as they are the only major buyer of wood and wood chips from landowners and sawmill owners. They contribute very much to Nova Scotia economic wellness. This involves many stakeholders such as landowners, wood contractors, wood products trucking businesses and their many employees. Also there should be consideration given to the fact that if there is no extension for the mill to construct a new system, the value of all wood lands will be reduced drastically which will also affect Nova Scotian looking to sell their lands to give them income supplement for their retirement. The result of the above outlined issues will have a significant effect on income taxes being collected from the many stakeholders. I know this is a very complex issue to deal with, but putting the hammer down and causing Northern Pulp to close their mill in Pictou would be very disastrous from stakeholders, including the Provincial Government. I believe Northern Pulp has shown true cooperation by doing some improvements to mill operations and trying their best to fulfill Governments recent requirements, which shows that they are very serious on doing the right thing so they can run this mill for years to come. I ask you to give Northern Pulp an extension so they can fulfill all requirements which will assure a Nova Scotia market for our wood and wood chip products. This is the time to work together for the benefit of Nova Scotians, and to sustain a very valuable sector in this province. Name:

Email: @hotmail.com Address:

Municipality: CHURCH POINT Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#); [nsgovea@novascotia.ca](mailto:nsgovea@novascotia.ca); [Premier](#)  
**Subject:** re: Northern Pulp's future  
**Date:** November 5, 2019 8:45:36 PM

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Premier Stephen McNeil  
and To Whom it May Concern  
at this address

c/o this email

Dear Premier McNeil and other pertinent recipients,

I am writing to express my concern for the

1/deteriorating health of the people of Pictou County and environs, especially those who have lost their health due to exposure to carcinogens in the effluent from Northern Pulp and previous owners.

2/for the workers in an unhealthy industry run by an Indonesian billionaire with the blood of Indigenous Peoples on his hands as a result of his destruction of the Penan culture in Borneo and his illegal logging of the Borneo Rainforest. These workers deserve to get support to retrain for employment in a clean industry that the Nova Scotia government should encourage to set up in this region.

3/for the traditional and important fisheries and tourism industries, the former whose lobster fishing grounds are in the same region as this proposed pipe of toxic effluent and the latter which has not had a chance to grow because of the stench of Northern Pulp and the reputation of this pollution diminishing tourist traffic on this coast

4/for the forestry workers who need direction and support to bring back the Acadian Forest and develop markets for a sustainable use of this resource.

For all these reasons, I request that

- 1/ no extension to the boat harbour act be given
- 2/ no pipe to carry toxic waste be permitted in the Northumberland Strait

and, therefore,

I ask that Northern Pulp mill be shut down for all time and this region be supported to develop a healthy future for its next generations by accessing federal funding to develop the geothermal and offshore wind potentials of the Northumberland region including Cumberland and Colchester counties.

Halifax, N.S

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:46:46 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Looks like this project will work Name: Email: @hotmail.com Address:  
Municipality: Liverpool Postal-Code:

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [info@friendsofthenorthumberlandstrait.ca](mailto:info@friendsofthenorthumberlandstrait.ca)  
**Subject:** NP effluent proposal  
**Date:** November 5, 2019 8:47:51 PM  
**Attachments:** [Northern Pulp](#) [pdf](#)

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Kings Head, NS

November 5, 2019

The Honourable [Gordon Wilson](#), Minister of Environment

Dear Minister,

I am writing in response to Northern Pulp's Focus Report for a proposed Replacement Effluent Treatment Facility. I am responding to this extensive report with special consideration taken through a Physicians lens. I am a Child and Adolescent Psychiatrist, living  drive from Pictou Landing First Nations Community.

In regards to the Effluent Cooling statement "cooling towers will generate naturally occurring Legionella Bacteria". A direct quote from the Review of the 2017 European Technical Guidelines for the Prevention, Control and Investigation, of Infections caused by Legionella Species states "Community acquired outbreaks of Legionnaires disease are most commonly associated with aerosols generated by evaporative cooling towers. Wet cooling towers and evaporative condensers are used for comfort cooling in commercial buildings, hotels, etc. and for cooling industrial processes." The case fatality for acquired community cases is 10%. Who will monitor for Legionella outbreaks and check or clean the water towers to prevent such outbreaks?

More questions regarding the effluent;

1. Whys was the Nitrogen parameter increased to 6mg/l as (daily maximum) from 3mg/l recommended maximum?
2. COD Chemical Oxygen Demand is very confusing play on words as should be reduced, not increased beyond limits
3. Sulphur 24H allowable is 14 and the proposed emission states 64.5?
4. Ammonia 24H allowable is 100 and the proposed emission is 406?
5. Chloroform 24H allowable is 1, and the proposed emission is 2.55?
6. Dioxins and Furans .013?

Why is it permissible to exceed the allowable limits?

There are decades of data that bring us to what is considered safe guidelines for pollutants. I believe our guidelines will tighten up in the very near future as we find

causative link to disease. Evidence based medicine continues to move forward at a rapid pace. Northern Pulp has not been able to meet pollution guidelines over the past several years. Exceeding the weak guidelines by enormous amounts with minimal fines, and reckless abandon. There has been a purposeful lack of monitoring for pollutants. Why would our community feel safe with any promises of monitoring the effluent, with such an abysmal history?

Canso Chemical on this site is responsible for 10-15 tons of mercury spills (1973-1975). (Montreal Gazette archives) Mercury levels at Abercrombie Point are above the National Guidelines. Elemental mercury is found 8meters below the surface and 3meters below the water table. (The News June 6 2019). Professor Tony Walker from Dalhousie University remarks these collections are from isolated wells and may not be an accurate number of total mercury. "If you wanted to look more where the mercury may or may not be then there are techniques used to do it". Mercury is moving toward Pictou Harbour , so why are we not using these techniques to monitor as it is a marine environment and fishing area? Mercury in the water table is toxic to humans and aquatic life.

We have had Minamata Disease (mercury poisoning) diagnosed in Ontario, at Grassy Narrows and White Dog First Nations communities after Dryden Pulp and Paper spilled 10 tons of mercury into their river.

Why is there a lack of transparency to where the mercury is and how it is moving into Pictou Harbour? We all are at risk.

If any of the contaminated soil is moved by contractors on this site of the new proposed effluent treatment facility, mercury levels in the water will increase significantly. Why are we tempting fate?

Northern Pulp may see this as a tight document. I am a Physician and can see no evidence based studies on negative environmental impact.

A third party environmental scientist not paid by Northern Pulp, would poke many holes in this document and in fact would raise many questions and legitimate fears.

In summary: There are no clear negative human health, environment, and aquatic life impact statements. No scientific substantiated studies. We cannot wait for the proposed treatment facility to start up and then count casualties. This is a serious threat to our health and environment and there is no turning back.

Please support us, 50 years of environmental racism is shameful and it is time to resolve this issue. No more extensions, peoples health and high quality standards of environmental protection should be our goal . We have to live with Industry, We do not have to live with industry that pollutes.

Respectfully Submitted,

**From:** [\\_\\_\\_\\_\\_@eastlink.ca](mailto:_____@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 8:54:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: - Choose - Comments: I live in the community of Pictou Landing for many years.I know how bad the toxic air and water is like.No one but the people who live here can tell others about our lives and how bad the pollution is here.We can no longer tolerate this disgraceful behaviour of our government for so many years treating our community in such a horrible way.We have to think more of the environment and all that lives in it,rather than the deadly greed that is taking place.Enough of this line of thought.You have a job to do,so do the right thing.STOP THE PIPE Do not destroy any more water and air.Stop clear cutting our forests.This is shameful destruction.totally unnecessary.No extension to Boat Harbor.we have put up with way too much abuse in our community all for the sake of GREED. Name:

Email: \_\_\_\_\_@eastlink.ca Address:

Municipality: Trenton Postal-Code:

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:20:36 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not let this happen. I am concerned about the effects this will have on the marine life. Name:

Email: @yahoo.ca Address: Municipality:

Porcupine Postal-Code:

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:45:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project is awesome!  
Name: Email: @hotmail.com Address:  
Municipality: Greenfield Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:49:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: They are using the best technology and safe for the environment.They are willing to upgrade to keep people employed. Name: Email: @gmail.com Address:  
Municipality: LIVERPOOL Postal-Code:

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:50:51 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project is a great thing!  
Name:                      Email:                      @hotmail.com Address:  
Municipality: Greenfield Postal-Code:

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 9:57:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The project should be approved because there will be no impact on plants and animals etc. They are willing to go above and beyond to fix any issue. Name: Email: @eastlink.ca  
Address: Municipality: Liverpool Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:03:13 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The science backing this project is second to none. Very happy to see the company has gone above and beyond to meet and exceed all pulp and paper Regulations. The improved effluent quality along with the modern diffuser system will allow forestry and fishing to thrive on the north shore for many years. Also, a major improvement is that untreated effluent will no longer leave the mill site. Paper Excellence seems to have a long term outlook on this mill. This is a project that will help stabilize the long term outlook of our forestry sector all over the province. It seems unbelievable that a government would entertain the thought of closing the largest employer in the region with ties to every rural community in the province when they are trying to do what's right. Let's prove Nova Scotia can work with corporations to move forward. We need more work in our rural communities. Name: Email:  
@hotmail.com Address: Municipality: New Glasgow Postal-Code:

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:09:36 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp has done their due diligence when it comes to studying the impact their new facility would have on the environment, which is very little. There are 22 kraft mills in Canada that treat effluent in a comparable way to what Northern Pulp is proposing. Its been done successfully and safely before. Theres data to support that. Effluent from the new system will meet or exceed current regulations set by every single province. Within 2 m of the outfall, there is less than 1 effluent detectable. Current federal regulations do not even require EEM Environmental Effects Monitoring to be completed if effluent concentrations are 1 within 20 m of the outfall. Even something like building your house has a footprint and an impact on the environemnt around it. Northern Pulp has done the work to ensure their footprint will be small. Just looking at diagrams of the current outfall vs the proposed, the difference for the better is staggering.  
Name:                      Email:                      @hotmail.com Address:  
Municipality: Londonderry,NS Postal-Code:

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 5, 2019 10:10:40 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It is disappointing that given are growing knowledge of climate change impacts, and the fragile state of our ocean/ocean life, that we the Province of Nova Scotia are even willing to entertain a proposal such as the one being proposed by Northern Pulp. At this critical juncture our province needs leadership, real leadership that is willing to make hard decisions - decisions for the long term. Not decisions that are politically motivated and consider a 4 year window. I am not convinced we have this type of leadership. Based on the positioning to date, this government appears to be no more progressive in its decision making than those back in the 1960s. It appears you are willing to hide behind the same poor science, willing to mislead the public into believing its safe, when no one can make this type of guarantee - for what a foreign company that is raping our forests and will leave this province when it is no longer lucrative for them. In accordance with the Ivany Report - this is not our future. Previous governments of this province have led the people of NS, particularly the people of Pictou Co and the Pictou Landing first nations, down this same garden path and the result was Boat Harbour. Similar to the story being told today, at that time, commitments were made that the effluent would not pollute Boat Harbour but that it would become a fresh water lake!.. how far from the truth is the actual reality!.. what we have is one of the province's biggest environmental disasters. While this reality is devastating it is not nearly as detrimental to the province as the one this government is about to make. Boat Harbour is contained and the worse of the impacts of the effluent are stopped here before entering the Northumberland Strait. If the province allows the effluent to flow directly into the Northumberland Strait, and its decision making is based on the same flawed logic of its predecessors and based on the evidence put forth to date there are many holes, unknowns, unsupported claims, and the outcome is similar, with contaminants running directly into the straight, the impact is irreversible! "cleaning it up will not be an option. The resulting consequences will be irreversible and long reaching. The impact will be to those very pillars of our economy that the Ivany Report suggests we as a province need to invest in and grow - fisheries and aquaculture, tourism etc. In making this decision, I think the government needs to re-read the "Now or Never: An Urgent Call to Action for Nova Scotians" and what it was really telling us. While you accepted the recommendations and report on them publicly - your decision making and policy decisions do not appear to align. The Ivany report talks to the need to make new investments in rural communities "not continuing to invest in old industry that is not sustainable, the Mill requires ongoing government subsidies and investment to maintain operations, is depleting our natural resources forest and is leaving behind contaminated land and water. This newest request to dispose of the effluent directly into the Northumberland Strait further jeopardizes our natural resources with the risk of potentially devastating the fisheries and aquacultural industries in both Nova Scotia and Prince Edward Island as well as negatively impacting tourism along this coast line. Tourism is a key economic driver in the rural communities along the Northumberland Strait - known for some of the warmest waters north of Virginia. This waterway with warm waters, a sandy coastline, and guarantees of fresh lobster are summer draws for tourists far and near. This waterway is a key factor that supports accommodation businesses, tours, restaurants,

small shops, etc. This coastline will lose its attractiveness to tourists if it is known to be polluted and tainted with chemicals. It is unimaginable that the government is willing to put all of this at risk, the very industries that the Ivany Report says we need to grow, for the Mill. This risk is unmeasurable, the impact unknown - but it has the potential to be devastating. This is not a risk that I believe is worth taking - the benefits do not outweigh the costs. In closing, I will echo the Ivany report - its now or never! this is an urgent call for you to do the right thing for Nova Scotians! protect our people and their health, protect our environment, protect our natural resources! and say no to industry of yester-years who want to continue to capitalize on our province for their gains at our loss. Name: Email:

@gmail.com Address:

Municipality: Halifax Postal-Code:

**From:** \_\_\_\_\_@gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:39:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp has met or exceeded all current regulations in every single province when it comes to the effluent, and in the focus report every concern from air quality, to impact on marine life, has been addressed. If we look at marine life in the area, video monitoring in the area found no abundance of marine life in the footprint of the pipeline. The area of the pipeline is mostly sand with some gravel, which is not the usual habitat of lobster lobster being one of the main concerns for fisherman in the area. The projected outfall footprint will be much smaller than the current one. Within 2 m of the outfall, effluent amounts are less than 1. Current federal regulations allow those levels to be present up to 20 m away. Effluent will not be visible on the water surface, and any solids are highly biodegradable and would even be a food for source for marine organisms. Even any minor impacts on marine species or habitats from construction will be localized and reversible, allowing habitat to re-establish naturally. The fishery and forestry divisions have worked together for more than 50 years in this area. The new system at Northern Pulp would be beneficial to both industries, and can help both industries build a better and more environmentally sound future for this province. Name: \_\_\_\_\_ Email: \_\_\_\_\_@gmail.com Address: \_\_\_\_\_ Municipality: Londonderry Postal-Code: \_\_\_\_\_

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 10:50:55 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am formally from New Glasgow and visit Chance Harbour each summer. I am opposed to the proposed ETF with an extended pipeline to disperse the "treated" effluent farther out. It's irresponsible and immoral, dismissing the science and the reality that the Gulf is a fragile body of water. It ignores the mercury crisis and the current de oxygenation of the Gulf and the ongoing decline of marine life. This report insults our intelligence and yours. Name: Email: @gmail.com Address: Municipality: North Vancouver Postal-Code: V7g1m3 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 79 y: 31

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp file  
**Date:** November 5, 2019 11:10:40 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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To whom it may concern;

I grew up smelling the mill, Northern Pulp as it's known now was called Scott Paper back then. All I knew as a kid was if your dad worked there, you were considered "rich". Well, Pictou County's standards of "rich". The workers were paid very well compared to most of my friend's parents jobs. Even then we knew how profitable paper making was, but we still hated it. Why? Because it was the mill that made our town smell like a fart, made us cough, teary eyed, making us go inside, and close the windows due to headaches and nausea. It was the mill, I was told, that gave me asthma at 16, which I still use puffers for. But only when I visit family in Pictou however. Figure that out.

I grew up and got out of Pictou, and met people from all over Canada and the world. If they knew of Pictou at all, they identified it as "Ooooh, you're from THAT stinky town". Wow. That has never got less embarrassing. I never moved back to Pictou, a big part of that was the mill. How could I move my children to such a place with such known toxicity?

Later in life, major guilt set in about that decision to never return to Pictou when [redacted] was diagnosed with cancer. [redacted] had chemo and radiation for months. I remember so vividly how [redacted] breath in anticipation coming home from New Glasgow, across the causeway, coming home from [redacted] treatments. [redacted] was terrified to go home and see if the "mill was blowing our way", meaning the mill's stench was in [redacted] backyard. Which meant [redacted] need to try and rest, feeling sick and miserable from the invasive treatment reaction...all the while breathing in the toxic fumes [redacted] was told were the likely cause of the cancer [redacted] had.

[redacted]. We were told her cancer was a common one in Pictou County, a type of cancer, most likely associated with the mill. We were told that off the record, of course, but we already knew it anyway. I can name 5 of close friends whose parents died from the same cancer as [redacted] Yes. Figure that one out too, while you're at it.

When the truth comes out, the real truth and the real environmental impacts that lay beneath, we will all be brought to our knees. What the mill has done to our indigenous neighbour's is deplorable. It's racism and it's unacceptable. Their abuse, while even more sinister that the blatant plumes we all inhaled, will have long term consequences for generations to come. Do not let any piece of evidence left undiscovered. Or worse, uncovered and undisclosed.

This is your job. This is the reason your positions literally exist. To protect us all. To protect you and the ones you love. Do not let any of us down.

You have the most important department in our government. Hands down. I'm saying that, and I work in mental health. You represent our environment. Our ecosystem. This is all we have, the only link to our existence is the environment we live in. Not health, not education, certainly not money. Nothing is as important as you and your department protecting us. Not just us. Our kids, your kids. All of our children have terrifying futures ahead. I feel terrible for them and know the only way we can change this is YOU!! Decisions, recommendations and policies you use will literally dictate our existence.

No pressure.

The mill is barbaric and archaic and needs to be completely overhauled or closed and the space remedied. Then make room for the next, more innovative, green business opportunity. Make room for something better. For the sake of all humanity, Pictou county's people deserve justice. Let your decision be bold and clear. The environment wins. Every time. That's an easy measurement to use.

Don't cut corners. Don't be bullied. Don't be pushed around with your findings. Use hard science that looks forward. Never consider money as an issue. Ever. The environment is your currency. How much are you willing to destroy? Destroy in the name of development and jobs? Both of which only bring detriment to the greater good? Please, truly think with your own minds. You will never have this chance again to use your skills. You will lose sleep over this one, at least, you should be. This is a huge deal. You'll sleep much better knowing you've done the right thing.

Honesty. Transparency. Accountability. Science. Environmental Protection. That's your job.

Our future is literally in your hands.

Sincerely,

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 5, 2019 11:12:46 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the pulp mill.  
Name: Email: Address: Municipality: Postal-Code: Trenton Phone: ### ##  
- ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 45 y: 21

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Paacity project (Northern Pulp Nova Scotia Corporation)  
**Date:** November 5, 2019 11:33:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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To Whom It May Concern:

I am following with great interest (and concern) the Environmental Assessment of Northern Pulp's Replacement Effluent Treatment Facility Project. I have reviewed the proponent's Focus Report, which, despite its volume, doesn't fully answer the questions asked in the Terms of Reference.

From the information supplied I am not convinced that the pulp mill's effluent, to be released into the Northumberland Strait, is harmless, and that it will not adversely effect the commercial fisheries near the proposed diffuser. There is a high likelihood that it will exacerbate toxin and nutrient pollution within the Strait, and that it will harm not only the local marine environment but also the health of those who consume locally harvested seafood.

The proposed project's adverse effect on the environment, on human health, on local commercial fisheries and on local tourism and recreation are expected to be significant and not amenable to mitigation. For these reasons the precautionary principle should be followed and the proposed project be rejected. Yours sincerely,

Halifax, NS

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 4, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Sincerely,

Middle Musquodoboit  
NS

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** The Focus Report on Northern Pulp's Proposed Replacement Effluent Treatment Facility Project  
**Date:** November 6, 2019 12:48:51 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Gordon Wilson, Minister of the Environment for Nova Scotia,

As I stated in my previous submission, I have lived my entire life along the shores of the Northumberland Strait in Pictou County. What happens to this body of water is of great concern to me, to my family, to my neighbours, and to those whose livelihoods come from the fishery or from tourism.

I have read through the Focus Report along with several of the Appendices, and I wish I could say that I have been reassured by the pages and pages of information that tell me no significant adverse residual environmental effects are predicted, identified, or expected. It would not be in Northern Pulp's best interests to identify or predict such effects, even if they ought to be expected.

A number of items concern me. Among them:

1. **The composition of the effluent** that they propose to dump into the Strait. **Table 7.3-1 on page 138** shows that the concentration of many parameters will be greatly affected, including salinity, water temperature and colour, along with the presence of suspended solids and various chemicals. However, the estimated concentrations for most parameters amazingly are completely returned to "normal" levels within 2 meters of the outfall. Is this a reasonable conclusion?
2. **The composition of the emissions** they propose to release into the air, with amounts of ammonia, chloroform, total reduced sulphur, and hexavalent chromium all above acceptable air quality criteria. **Page 41 of Appendix 6.2** states that the data quality is lower when non-site specific data is used, as there is a level of uncertainty on representativeness of actual operations. It is difficult to have confidence that there will be no significant adverse effects expected from these emissions.
3. **The Human Health Risk Assessment** has not been completed and is not anticipated to be complete until the Spring of 2020. Is this not of utmost importance? Also, **Section 2.7 ("Uncertainties") of Appendix 9.2** begins with this statement: Throughout the HHRA process, assumptions must be made due to a lack of absolute scientific knowledge. The claim is made that any actual risks will be overstated because of conservative assumptions. Can we trust this to be true?
4. **Figure 7.3-3 on page 130** appears to indicate that no lobster buoys were located in the area of the proposed diffuser on the days indicated, leading to the conclusion that lobster are not located in this area and consequently no lobster fishing activity occurs in this area. This is entirely UNTRUE. This also calls into question the statement made on **page 144** concerning the residual effect on American Lobster: "However, the areas of Lobster harvest are generally located outside of the LAA (Local Assessment Area)".

Nova Scotians care about the environment. We take the time to recycle, sorting our waste into the proper categories, doing what we can to reduce the damage done by years of not realizing the effects of our former way of doing things. It is time to stop allowing effluent and

emissions from this mill to continue to poison our air and our water and to damage the health of our people. I agree that forestry is important - but not this destructive type forestry. I also realize that your government has spent a considerable sum to assist Northern Pulp in providing this report. Was this an appropriate use of taxpayer money? Imagine the cost of losing the fishing industry, the tourism industry along the north shore, the health of the people who live and work here.

I respectfully request that this plan to pump pulp waste into the Northumberland Strait at Caribou Harbour for the benefit of Jackson Widjaja, owner of Paper Excellence (the pulp maker), and his father, Teguh Widjaja, chairman of Asia Pulp & Paper (the pulp purchaser), **not** be given approval. The risk for significant long-lasting adverse environmental effects is simply too great.

May God bless you in your decision making.  
Sincerely,

Toney River, NS

**From:** @shaw.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:23:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a 33 year employee of a pulp and paper mill in BC. We were faced with the environmental and financial challenges that Northern Pulp faces now. Our company installed the same effluent treatment plant that is being proposed at your facility. I am proud to say that the environment has taken a massive turn for the better and that crabs, prawns, octopus and all fish species live just off our mill site. The proven technology is a huge success and if installed at your facility, the community will notice immediate improvements and will reap the benefits of both a healthy environment but also a healthy economy. It is important that both co-exist. A major source of income, like a pulp and paper mill, cannot be re-couped by a community if it is shut down. The trickle down effect is massive and all businesses rely upon the good wages that mill workers spend in their communities. I urge the community to stand behind the installation of the Effluent Treatment plant as this will ensure both a healthy environment and a healthy community. Name: @shaw.ca Address:  
Rd Municipality: Duncan Postal-Code: Phone: ### ## - ##### Fax: ### ## - #####  
email\_message: Privacy-Statement: agree x: 53 y: 24

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 4:42:07 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Under no circumstance should Northern Pulp be permitted to put a effluent pipe into the Northumberland Strait. Look at the ecological damage this plant has already caused. Say NO premier to the destroying of fisheries, tourism, and waters of this beautiful area of The Maritimes. Name:  
Email: @yahoo.ca Address: Musquodoboit Harbour  
Municipality: Halifax Postal-Code: Phone: ### ## - ##### Fax: ### ## - #####  
email\_message: Privacy-Statement: agree x: 43 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 4:52:12 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 11,000 scientists worldwide just signed a declaration of climate emergency. Its obvious to the world we as a planet cannot sustain this mode of destruction and pollution. The last 50 years have seen half of our forest clear cut, tons of pollution and harmful chemicals spewed and sprayed into our water and air, huge loss of natural habitat and our species at risk list grow. To argue for the sake of jobs? What has become of the tobacco and coal industry? Where did those jobs go? Others in the past have retrained and diversified, often with the help of the government. This is a better way to spend our tax dollars!!! To maintain a course of destruction because change is difficult is not a legitimate justification. The devastation at Boat Harbour is a testimony of the failure of our government to govern us safely. And the lengths to which this industry is prepared to go for a profit. In the early 70s a bald eagle siting was rare in Nova Scotia. Our eagles were on the verge of extinction. DDT was band and our eagles made a resurgence. I now often see them gliding overhead. Lets change what we need to NOW!!! We did the best that we could with what we knew at the time. And when we knew better we did better. Come on Nova Scotia its time to do better!!!

Name: @hotmail.com  
Address: Municipality: Wentworth Postal-Code: Phone:  
Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 68 y: 27

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 5:59:24 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please stop the clear-cutting and systemic devastation of our Forrest lands by companies such as the one requiring a new way to pollute the environment. We know better now, act on that knowledge! Name:

@icloud.com Address: Municipality:  
Musquodoboit Harbour Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 90 y: 27

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulps Pipe Proposal  
**Date:** November 6, 2019 6:25:37 AM  
**Attachments:** [Northern Pulp's Treatment Facility.docx](#)  
[ATT00001.htm](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

November 4, 2019

Dear Nova Scotia Minister of Environment,

I am writing to you to express my concerns with Northern Pulp's Replacement Effluent Treatment Facility. Northern Pulp's proposal of putting a pipe, pumping unknown effluents into the Northumberland Strait, is lacking the thorough scientific data concerning the true impact it will have on the fragile ecosystem of the Strait and the health of the people of Pictou County. Any potential or possible risk to our fishery, tourism, health and the environment is a risk not worth taking. I strongly urge you to deny this proposal due to the lack of the scientific information needed to properly assess the affects that this "unknown" effluent will have on the lobster larvae, herring spawn and human life.

The mere fact, that Northern Pulp has acquired nothing but experimental data collection and modelling which only provides a theory or guess of what affect their effluent will have on the fragile ecosystem of the Northumberland Strait is reason alone to deny their request to pump effluent into our Strait. This is not a scientific Focus Report, therefore, it should not be even considered. Pumping 62 to 90 million litres of this effluent per day into the Northumberland Strait will put our fisheries at risk. Northern Pulp's Focus Report uses words such as: "possible", "expected", "estimated", these words are mere "speculation" and "hope" not a guarantee that their effluent will not cause detrimental, irreversible harm to the ecosystem of the Northumberland Strait. In fact, this proposal shows that there is a potential risk to the health of our beautiful Northumberland Strait. Thirty percent of Canada's fishery revenue comes from the Southern Gulf including the Northumberland Strait. The reputation of Canada's fishing industry is built on clean, pristine waters off our coastlines. A threat to this reputation is a risk to all of Canada's fishing industry. Any risk to our Strait and to the reputation of our fishing industry must be examined and studied until we know with certainty based on complete and thorough scientific study not theories. You cannot draw conclusions from theories, only from testing said theory, this is not a scientific Focus Report.

I believe it is important to point out that :Appendix E3, Stantec Receiving Water Study PRELIMINARY RECEIVING WATER STUDY FOR NORTHERN PULP EFFLUENT TREATMENT PLANT REPLACEMENT, PICTOU HARBOUR, NOVA SCOTIA p 4.80-4.81 "Engineering Considerations August 11, 2017. It was reported (in ENSR, 1999) that Maritime Telephone and Telegraph (MT&T) performed an ice evaluation in support of an optical communication cable deployment across the Northumberland Strait. Based on MT&T's review, the estimated potential for damage to the cable from ice scour extended to water depths of 12 to 14 m. In 1991 their cable was trenched and buried to a selected depth (depth is unknown) and left on the surface of the sea bottom at greater depths. Unfortunately, the winter of 1991/1992 was severe and the cable was severed by ice keels at a water depth greater than 18 m towards the Woods Island, PEI side of the Northumberland Strait". With the changes to our climate due to climate change there is no way of knowing how this will affect future ice scouring. It is also unknown how the heated effluent will affect the formation of ice. A pipe rupture is a definite concern based on the above information. Northern Pulp states that there would be a leak detection system in the pipe, however, the public has been told this before only to find out that it either wasn't true or wasn't working. What happens if this leak detection system malfunctions? The fact that the findings of the latest pipe leak at the North Pulp facility has not been released to the public is more than concerning.

I have many questions about "the what if's?" What happens if the pipe ruptures during the winter months when it is completely covered in ice? If damage occurs due to ice keel, how would they propose to fix it with all that ice? How much effluent will pour into the Northumberland Strait before the leak is stopped? What affect will that have on the lobster larvae and other marine life in that area? What happens if the effluent pollutes and destroys the surrounding fishing grounds? What happens if harvested lobster is sold and turns out to be contaminated? What if all their "theories" don't hold up and our beautiful Strait becomes another Boat Harbour? These could all be considered "possible", "estimated", or "expected" but more importantly, preventable by not allowing Pulp Effluent to be pumped into our valuable, beautiful, prosperous Northumberland Strait.

Air quality is another point of concern due to the fact that the current emissions from Northern Pulp have adverse affects on my families health. When the

emissions blow over my area I suffer headaches and nausea which happens on an almost daily basis. My daughter has to use her asthma puffers only when she returns to Pictou, her hometown, not once did she need to use them in university or her current place of residence, Halifax. Once again Northern Pulp's information concerning rates of emissions for each contaminate were "estimated", to me that is very concerning. Northern Pulp states "the monitoring program will commence (1) year prior to Replacement ETF commissioning (dates to be determined) to monitor baseline air quality in the absence of emissions for the replacement ETF. During commissioning only continuous monitoring parameters will be collected. When replacement ETF is fully operation all Contaminants will be collected again. The length of the monitoring program and sampling duration of individual Contaminants will be determined in consultation with the Nova Scotia Department of the Environment (NSE). Obviously, there will be a change to the emissions and they do not know for certain what these changes will be or how they will affect the people breathing these emissions. I, my family and the people of Pictou County have the right to uncontaminated air in which to breathe. Our health and wellness should matter and with all the unknowns we are all being put at risk. I implore you to consider the possible health affects these emissions will have on us.

As a lifelong resident of Pictou I have enjoyed walking our beautiful beaches, especially Munroe's Island. The proposed pipe will be pumping unknown effluent not far from Munroe's Island which is one of Nova Scotia's unspoiled natural beauties and is a sanctuary for birds and wildlife. It is important to protect these delicate areas from environmental dangers. Tourists are drawn to Nova Scotia for its beautiful coastlines and beaches. I have sailed the Northumberland Strait fishing mackerel, lobster and have seen many whales and porpoises swimming in our waters. Tourism is important for the economy of all Nova Scotians and this proposed pipe with its unknown dangers, effects and deadly consequences to our beautiful coastline places this important industry in jeopardy as well.

In conclusion, Northern Pulp's Replacement Treatment Facility Proposal is not based on complete and thorough science data and has too many unanswered questions that will have devastating consequences for our Strait, fishing industry, tourism and our health. I strongly urge you to protect The Northumberland Strait because the unknowns and risks are too many to ignore. Boat Harbour is proof of

what happens when decisions are made without knowing all the risks, **when we know better, we should do better.** Do Not let our beautiful Northumberland Strait become the “new” Boat Harbour.

Sincerely,

Pictou, NS

@hotmail.com

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment.

Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has concluded that it is unlikely that sediment will build up in either the near or far-field.

The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp.

Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

I believe it is important to protect Boat Harbour, but it is also important to protect people's livelihoods. It is not a case of Northern Pulp refusing to install a new effluent system they need more time to finish it. I have two sons, their wives and four grandchildren who rely on the income from the pulp they sell to the plant. They are a young company who are struggling to stay in Nova Scotia.

If you close Northern Pulp, this story will become hundreds of similar stories because it isn't just the people at the plant that will be affected, all of Nova Scotia will be and another opportunity to encourage our youth to stay in the province will be lost.

Sincerely,

Elmsdale, NS |

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

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Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

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When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

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**JOBS, JOBS, JOBS!**

Sincerely,

Dutch Settlement, NS

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



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If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

My livelihood depends on this! I have a new business, 5 years old. My business, my family and our province NEEDS this!

Sincerely,

Upper Nine Mile River, NS |

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

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I believe this extension should be granted to the mill because the economic impact, spin-off for other businesses would be staggering.

Sincerely,

Goffs, NS

## Response to Northern Pulp Replacement of Effluent Treatment Facility

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Environmental Assessment Branch

Attn: Honourable Gordon Wilson, Minister of Environment

Nova Scotia Environment

PO Box 442

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Northern Pulp should be granted an extension to ensure the growth of this province. This is not just the pulp mill's future but all the other companies, local stores, fuel supplier, etc. If a closure is to take place it will destroy Nova Scotia as a whole. We need to build Nova Scotia stronger not eliminate it.

Sincerely,

|  
:

Elmsdale, NS |

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

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Dutch Settlement, NS |

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Sincerely,

Milford, NS |

**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8



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Lantz, NS

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

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Upper Nine Mile River, NS |

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November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
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Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

Sincerely,

Lantz, NS |

## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch

Attn: Honourable Gordon Wilson, Minister of Environment

Nova Scotia Environment

PO Box 442

Halifax, NS B3J 2P8



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The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp.

Sincerely,

Nine Mile River, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

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If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

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Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has conclude that it is unlikely that sediment will build up in either the near or far-field.

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East Gore, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

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Lantz, NS



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Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

Sincerely,

Lantz, NS



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When this state-of-the-art wastewater treatment facility is complete, Northern Pulp's environment footprint will be significantly reduced. Forestry and fishing industries will be able to thrive and co-exist and finally, and very importantly, the Boat Harbour cleanup will begin and the community can begin to heal.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

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Anyone who thinks the white stuff coming out of the stacks at Northern Pulp is polluting smoke, it is 98% steam.

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Concern has been raised about the accumulation of materials around the diffuser. A third-party consultant, Stantec, has concluded that it is unlikely that sediment will build up in either the near or far-field.

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Tangier, NS



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I believe if an extension is given it gives Northern Pulp a chance to fix the mess they have done as well gives the many employees a chance to keep their jobs. My hope is if this chance is given, the families who are affected in both the communities of those who are affected by the pollution and those affected by potential unemployment can have the chance to both get what they want and need. Which is clean drinking water for those affect by the pollutions and continued employment for those lumber workers who rely on this income to feed their families.

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Kennetcook, NS



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If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Northern Pulp produces 23MW of electricity daily, most of which is green energy. NSP would love to have this on their record.

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Forestry is an integral part of our economy. If we are to longer employ Nova Scotians in these jobs, we will force them to move out of the province. This is not beneficial to our economy or to our people.

Sincerely,

Elmsdale, NS



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I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

Why are you picking on Northern Pulp? There are many other company's that cause worse damage. If Northern Pulp shuts down, many jobs will be affected, mine included.

I went out of province to get my schooling so I could work in Nova Scotia. Forestry is my life and passion; I do not want to lose that.

Sincerely,

Hardwoodlands, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

I am in favour of giving Northern Pulp an extension to complete their new effluent system. As the government cannot start the cleanup of Boat Harbour until a Federal Environmental Assessment is completed and approved, I think it is appropriate that the government allow Northern Pulp to use Boat Harbour until such time the cleanup process can begin.

We are not scientist or economists. We can only go with the facts we hear in the news reports. We all need to work together to have an economy that can flourish and can be sustained. As long as we aren't killing species of fish, plant life or animals, we have to work the land to survive. Losing the forestry industry in Nova Scotia would cripple our province. So many related businesses would be lost, and our population would reduce which would be lost and our population would reduce which would effect all Nova Scotians. Everything is linked to everything.

Sincerely,

Goffs, NS



Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch

Attn: Honourable Gordon Wilson, Minister of Environment

Nova Scotia Environment

PO Box 442

Halifax, NS B3J 2P8

Dear Minister Wilson:

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Sincerely,

Elmsdale, NS |



## Response to Northern Pulp Replacement of Effluent Treatment Facility

November 5, 2019

Via fax: 902-424-6925

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Nova Scotia Environment  
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Halifax, NS B3J 2P8

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Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

Sincerely,

Elmsdale, NS



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November 5, 2019

Via fax: 902-424-6925

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Halifax, NS B3J 2P8

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Sincerely,

Elmsdale, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

Dear Minister Wilson:

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The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Beaverbank, NS I



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

Environmental Assessment Branch  
Attn: Honourable Gordon Wilson, Minister of Environment  
Nova Scotia Environment  
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Halifax, NS B3J 2P8

Dear Minister Wilson:

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I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Beaverbank, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

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Northern Pulp engaged independent consultants to consider, study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment. These findings are reported in Northern Pulp's Environmental Assessment. I am not a scientist, but I believe in science.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Beaverbank, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

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Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

Sincerely,

Beaverbank, NS



**Response to Northern Pulp Replacement of Effluent Treatment Facility**

November 5, 2019

Via fax: 902-424-6925

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Attn: Honourable Gordon Wilson, Minister of Environment  
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PO Box 442  
Halifax, NS B3J 2P8

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The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp.

Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries.

Sincerely,

Elmsdale, NS



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November 5, 2019

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Halifax, NS B3J 2P8

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I am proud of our forest industry. The forestry, fishing, mining and agriculture industries have demonstrated they can work together successfully. I believe in the science. The economy and the environment must work together.

The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Sincerely,

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The pulp plant's effluent has been flowing into the Northumberland Strait for well over a half a century and the fishing seems to be better than ever. This project will be an improvement.

Northern Pulp generates 90% of its power requirements from a low carbon, renewable resource and not from burning coal that NSP uses producing 60% of its energy.

If Northern Pulp passes the Environmental Assessment, there is no reason not to complete the project.

Sincerely,

Elmsdale, NS



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:38:12 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: The scientific reports show the improvement in the effluent with the proposed system vs. the current system that meets the environmental regulations. The diffusion method is shown to have no adverse effects on fishing with no fish habitat in that area and the diffusion method described in the plan will have the discharge quickly blended with the sea water. With all of these items in place, I see no need for the government not to approve this project and grant the time to construct and commission it. Name: @gmail.com Address:

Municipality: Valley Postal-Code:

Fax: ### ### -

##### email\_message: Privacy-Statement: agree x: 25 y: 16

**From:** [David Parker](#)  
**To:** [Environment Assessment Web Account](#)  
**Cc:**  
**Subject:** Hon. Gordon Wilson  
**Date:** November 6, 2019 7:08:57 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Hon. Gordon Wilson  
Minister of Environment  
PO Box 442  
Halifax, NS B0J 2P8

Dear Sir:

I am writing in support of the approval of the environmental assessment for the proposed effluent pipeline for Northern Pulp here in Pictou County.

As an elected Councillor for a large, rural district I hear daily from my constituents of the vital necessity of keeping our forest industry. My residents are strongly in favour of approval. Also, I consider myself an environmentalist, having been active in hunting, fishing, hiking, growing forests, etc. all my life. I hold a BSc (Univ. of Guelph, 1975) and have taught high school Physics, Chemistry and Biology for over 30 years.

Enough about me, what about the proposal? I am impressed that the proponents have been careful and thorough. They have accessed the “best science and the best engineering” available.

They will build an on-site treatment plant, at their cost, which significantly reduces the chemical toxicity, biosolids and biological oxygen demand of the effluent. The effluent, according to experts, will have minimal impact on the marine receiving waters.

The actual pipe, made of more than 2” thick HDPE, will be fused using a high temperature hot plate welding technique. This will result in “no joints” which are the most likely source of pipe failure. Additionally they will use an even thicker pipe where it passes through the Pictou Town watershed area. More precaution.

I am impressed that Northern Pulp conducted real time surveys of fishing activity during the spring lobster season of 2019. They have chosen a discharge site that is not usually fished. Also, they have selected a deeper site which is not subject to ice scouring nor the activity of scallop dragging.

In closing, I fully recognize the difficult political and economic choices facing our government with this issue. I sincerely ask you to consider the points I have raised and make the best decision for our environment and our economy.

Sincerely,  
Councillor David Parker

Sent from my iPad

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This email and any attached files are confidential and intended solely for the intended recipient(s). If you are not the named recipient you should not read, distribute, copy or alter this email. Any views or opinions expressed in this email are those of the author and do not represent those of the company from which this email is being sent from. Warning: Although precautions have been taken to make sure no viruses are present in this email, the company cannot accept responsibility for any loss or damage that arise from the use of this email or attachments.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:17:28 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Based on the environmental assessment for the Northern Pulp Mill. I believe the science is clear and the project should go ahead. I also believe that the use of boat harbour should be extended as the cleanup is not scheduled until a federal assessment is done. Name: Email:  
@gmail.com Address: Antigonish Nova Scotia Municipality:  
Antigonish Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 51 y: 31

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:20:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I would like to see the effluent treatment facility to be built as the science is clear that it is safe. Name:

@gmail.com Address:

Nova Scotia Municipality: Antigonish Postal-Code:

Fax: ###

### - #### email\_message: Privacy-Statement: agree x: 66 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:30:26 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: i suport this project because the study shows it will have know significant affect on the fish habitat Name:

@gmail.com Address: westville Municipality: Postal-Code:

Phone:

## Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 73 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:45:56 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project will replace the existing Boat Harbour facility with current technology, result in better dispersion of treated effluent in the Northumberland Strait and allow Northern Pulp to continue to support the economy of Nova Scotia through direct and indirect employment. The decision on whether the project proceeds should be based on the science rather than the emotions and hysteria of the â?ono pipeâ? contingent. Name: @hotmail.com Address:

Municipality: New Glasgow Postal-Code: Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 68 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:48:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp has been a critical part of Nova Scotias economical footprint for decades. Humanity relies on products that come from bleached kraft mills. Although the process comes with some environmental impacts, Northern has always met the current criteria put forth by our government. As our environmental outlook shifts, and we start to see that we need to adjust criteria to ensure our planet is ok for years to come, we look to places like Northern pulp to adjust on a dime. Criteria can be changed, and met... but we need to allow for time. The studies show that Northern is looking out for our planet with their new proposal. Lets give them the time they need to do it right. Name: @hotmail.com Address:

Municipality: Truro Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 68 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:51:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I understand that science explained that the pipe will not affect the fisheries or the habitat. i agree on the pipe . nova scotia needs it Name: Email: @gmail.com Address:  
Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 71 y: 18

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 6, 2019 8:06:57 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Hello, you cannot allow Northern Pulp to continue to dump waste. No pipe!! It's time you started thinking about the health of Nova Scotians and not helping companies pollute our province.

Sincerely,

Sent from my iPad

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:14:57 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: i believe if the science behind the theory that its a safe environment to put the pipes in that i am all for it, that the water quality will meet the canadian marine guidelines Name: Email:

@msn.com Address: Municipality: trenton Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 72 y: 25

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 6, 2019 8:16:56 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Please do not allow Northern Pulp to continue to destroy our forests and pollute our waters. This must stop NOW !

Sent from [Mail](#) for Windows 10

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:19:35 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: A very well written report, a lot of time and research done. Peace of mind knowing that the water quality five meters from the pipe meets and as well the water temperature will not be affected. I feel the company should be given an extension to get this project done. Every step of the project will be supervised and monitored to the highest level. Name: Email:

@hotmail.com Address:

Barneys River Pictou County

Municipality: Laggan Postal-Code:

Fax: ### ## -

##### email\_message: Privacy-Statement: agree x: 55 y: 20

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:22:58 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: i believe if the science behind the theory that its a safe environment to put the pipes in that i am all for it, that the water quality will meet the canadian marine guidelines Name: Email:

@msn.com Address: Municipality: trenton Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 50 y: 30

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:24:34 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The treated effluent treatment facility project that Northern Pulp is proposing, will enable the mill to continue operating. For the past 50 years, treated effluent has been going into the Gulf of St. Lawrence. Which is no different that any other pulp/paper mill in Nova Scotia, or most of the world. This proposal will enable the mill to discharge a better quality effluent into the strait. Name:

@bellaliant.net Address: Municipality: Inverness

Postal-Code: Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 47 y: 17



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:29:52 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: within the five meters of the diff use, the difference between the treated wastewater and the ocean temp. will be less than 1C

Name: \_\_\_\_\_ Email: @hotmail.com Address: \_\_\_\_\_  
Municipality: Westvile Postal-Code: \_\_\_\_\_ Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 43 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:33:12 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: This mill is polluting our environment and polluting our people. We focus on the small short term benefit of jobs/status quo while ignoring the significant long term negative environment and health effects. It's not worth it. Please do not allow the northern pulp mill to dump its poison into the northumberland strait. Name: @gmail.com Address: Municipality: Truro Postal-Code: Phone: Fax: email\_message: Privacy-Statement: agree x: 65 y: 29

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:42:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The impact of the wastewater treatment will not hurt the fishing industry. There will little impact to the air quality around the community as well. Name: @hotmail.com  
Address: Municipality: Trenton Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 69 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:43:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Enviromental experts assessed that no significant inpacts are expected on any fisheries or the fish habitat as a result of this project. The difference between the treated waste water and ocean temperature will be less than 1C. Name: @gmail.com Address: Municipality:  
Trenton Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 67 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:53:06 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Save the Mill Name:  
@gmail.com Address: Municipality: New Glasgow  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 84 y: 24

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:54:58 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I will start off by stating that i do work in the Forestry Industry, so i do have reasons as to why i would like to see the project move forward, but i do not want this to come at the price of the environment. With that said, i do not understand how a company who has a proposal that exceeds standards, which provides soo much to our economy, and is moving forward is not given the, relatively, short amount of time required to make this step forward. People question the companies past efforts, etc and i do see the complaint, as i believe the company should have been more forthcoming with information and the time lines of the process. I have worked in government and i do have some understanding about the hold ups and the requirements of steps before moving to the next, so i do understand some of the companys hold ups and why certain things take so long. My question is, can Nova Scotia afford to lose more? Does the short amount of time requested to make this process more safer and healthy shift the balance so much that it is not worth doing? I have heard how there are traps set right now where the current run off is and the lobster pulls are high, so if this is such a scary outcome, why are they using it to their advantage right now? For that matter, how in good conscience are they selling people lobster from waters that they believe are unhealthy? Again, i want to see things done correctly and in a way that meets all required standards, but if the proposed project is going to do so, then allow them the time to make it happen. They are asking for less than a couple years, shouldnt they be afforded that since technically they had their agreement cut short by the government in the first place? Name:                      Email: Address: Municipality: Postal-Code: Phone: Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 63 y: 29



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:02:10 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: i have read the report on the effluent treatment project at northern pulp and I believe that the impact to the environment will be minimal. Name: @gmail.com Address:

Municipality: New Glasgow Postal-Code: Fax:  
### ## - ##### email\_message: Privacy-Statement: agree x: 53 y: 14

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:09:32 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp is a large part of our community and without it our county will be affected. Name: Email:  
@gmail.com Address: Municipality: Stellarton Postal-Code:  
Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:  
61 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:14:51 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have read up on this plan. It is very interesting and looks like a good plan. I think it will definitely work well to help our environment. Name: @hotmail.com Address: ###

Municipality: Liverpool Postal-Code: ###

### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 73 y: 19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:16:11 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am for this because there will not be significant impact on any fisheries or fish habitats, as well the ocean water quality will meet the Canadian Marine Guidelines. Name: Email:

@hotmail.com Address:

Municipality: New Glasgow

Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 28 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:21:17 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am glad to see that there is science based facts that prove that marine life will not be affected and the water temperature will be not affected. Name: @hotmail.com

Address: Municipality: Stellarton Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 43 y: 21

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp mill  
**Date:** November 6, 2019 9:22:51 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Hello.

I am writing to indicate my support for the NS government in honoring the Boat Harbor closure agreement.

I would also like to indicate my opposition to the construction of an effluent pipe discharging pulp waste into the Northumberland Strait.

Thank you.

From: @unifor75.org  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 6, 2019 9:23:55 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: remplacement\_effluent\_treatment\_facility\_project Comments: Papier Excellence  
laisse une image peu reluisant d'une industrie forestière/papetière d'une autre époque.  
Depuis l'achat, Northern Pulp a déjà investi plus de 130 millions de dollars dans  
l'amélioration de son empreinte environnementale, en passant du mazout au gaz naturel et en  
prévoyant installer un système de traitement des effluents de remplacement de la pulpe.  
C'est un test de l'argent bien dépensé et une diminution remarquable de la pollution  
dans l'air et dans l'eau. Northern Pulp deviendra l'une des usines les plus respectueuses de  
l'environnement en Amérique du Nord. L'achèvement du rapport Focus fournit les preuves  
scientifiques qui permettront d'approuver l'évaluation environnementale. En tant que  
ministre de l'Environnement de la Nouvelle-Écosse, c'est à vous maintenant de prendre votre  
décision. De plus, à la suite de l'examen scientifique du rapport, dans les limites du mandat  
du rapport, il n'y a pas d'effets négatifs ou d'effets environnementaux importants qui  
pourraient être causés par l'entreprise. Approuvez ce plan, lancez le projet et maintenez en  
vie le secteur forestier de la Nouvelle-Écosse. Le Canada est un pays riche en ressources  
naturelles. Avec cette richesse viennent de grandes opportunités, mais aussi de grandes  
responsabilités. Nous avons déjà l'une des plus fortes protections environnementales du  
monde et nous devrions être fiers de notre bilan. Nous devons également comprendre  
qu'une économie forte qui crée de bons emplois et offre des possibilités de  
développement économique peut aller de pair avec un développement durable qui  
respecte les droits des Premières Nations. La foresterie est l'une de nos industries les plus  
durables, avec des perspectives d'avenir, mais seulement si nous faisons les bons choix.  
Nous avons l'un de ces choix devant nous maintenant. Nous sommes fermement convaincus  
que l'approbation du projet d'installation de traitement des effluents de remplacement de  
la pulpe du Nord est le bon choix pour nos membres, le secteur forestier au sens large, tous les  
intervenants et détenteurs de droits et la province de la Nouvelle-Écosse. Name:

@unifor75.org Address:

Municipality: Québec Postal-Code:

Fax: ### - ### - ####

email\_message: Privacy-Statement: agree x: 93 y: 15

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 9:28:55 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Thank you for taking the time to consider the below comments on the focus report submitted by Northern Pulp for Environmental Assessment. I have a personal stake in the decision made here. I grew up in the town of Pictou, and although I now live in Halifax, I still have many friends and family in Pictou County, and I spend much of my free time in the area. Although I have many concerns with this focus report, I will attempt to highlight a few of my key concerns here. The focus report compares Northern Pulp with other Canadian pulp mills on pages xxvii and xxviii, as well as international mills owned by Paper Excellence. Northern Pulp's performance, in general, falls in the middle of the pack. However, the company's international operations are largely much worse than NP, which leads one to believe that the company does not place importance on environmental sustainability and control. Instead, they appear to focus on the minimum government requirements for each location where they operate. On page xxxiv, the report claims that "there will be automated leak detection of the land-based pipe between Pictou and Caribou to identify issues in the unlikely event that a leak does occur." There is no mention of leak detection measures in place for the marine based segments and no mention of how a leak will be mitigated to ensure it doesn't impact the drinking water supply for the town of Pictou. In addition, regarding the Groundwater analysis on Page 6, I would argue that given time, all pipes will leak, and the route should not be anywhere near the water supply for the town. This in itself makes the proposal unacceptable. Page xxxvii lists the responsibilities of Northern Pulp. They take no responsibility for potential impacts on lobster and marine life in the Northumberland Strait, which is arguably the largest concern of opponents of the project. It appears that they are pre-emptively washing their hands of any responsibility for marine life impacts. In fact, regarding marine life impacts, the focus report on page 26 discusses effluent treatment to remove "effluents that could cause potential immediate and severe harm acute lethality to fish". Certainly acute lethality is a major concern, but what about long term impact on marine life? I would argue the long term impacts on a key fishery that spans more than one province is a key concern. The report does not adequately address long term marine life impacts. As summarized earlier in the report, on p. xxxviii, the assessment of impact on the marine ecosystem seems to be that it's better than what Northern Pulp is currently doing. Unfortunately, that is not good enough. The Marine geotechnical survey on pages 18-23 is not adequate in my opinion. The report is seeking approval for a pipeline to last 50 to 100 years, yet it is considering ice scour data for one year, which cannot be interpolated to be an average year. Especially in times of climate change, ice formation and movement in the ocean environment is, if anything, becoming more unpredictable. The bottom types identified are certainly of a softer type that are easily impacted by ice pressures sand, silt, clay, gravel, etc. Throughout the effluent assessment, the focus report claims that the newly treated effluent will be comparable to the current effluent see page 33, "As such, since the current and proposed ETFs are anticipated to have comparable performance, the data collected from Point C can be used to accurately represent what the effluent from the replacement ETF would resemble." I don't know anyone who thinks that the current effluent is acceptable, hence the reason to close the environmental

disaster that is Boat Harbour. Suggesting the new system will result in similar effluent is not acceptable. I will move away now from all the marine impacts that are not acceptable, and make a comment about the air quality in the area. The focus report pages 4 and 5 claims that the air emissions will be similar to what they currently are, with some potential new emissions from the new processes. I read this to say that the air quality in Pictou County, which is already poor in the opinion of many " residents and visitors alike " will at best stay the same, or potentially get a little worse. I personally do not believe this is acceptable. Based on past interactions with the various owners of the pulp mill, the residents of Pictou County, including Pictou Landing First Nation, have no reason to trust Northern Pulp / Paper Excellence. I don't believe this focus report does anything to change those feelings of distrust. From the Paper Excellence website: "Our promise is to constantly challenge the limit, and tirelessly strive for victory. We will be victorious when we become " and remain " the lowest cost, highest efficiency, and most profitable company in our business " through happy, committed and dynamic people! " clearly the company is concerned with profit over the environment. I hope that the government is willing to uphold its commitments to all Nova Scotians, and particularly the residents of Pictou Landing First Nation, by keeping its promise and honouring the Boat Harbour Act. There is no acceptable reason to extend the closure date. This is an opportunity for the government to show that it keeps the promises it makes, and that it is forward thinking with regards to environmental policy. Name:

@gmail.com Address:

Municipality: Halifax

Postal-Code:

Fax: ### - ### email\_message: Privacy-

Statement: agree x: 56 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:30:00 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: NO TO THIS PLANT.  
This is a disgrace. If you work in this department and believe the lies you are part of the  
problem. Show courage and speak your mind. This project is riddled with lies and deception.

Do not bear false witness in this toxic project. Name:

Email:

@gmail.com Address: Mountains of Margaree Municipality: Margaree Postal-

Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 57 y: 4

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** I Support Northern Pulp  
**Date:** November 6, 2019 9:33:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Treated waste water has been flowing into the Northumberland Strait since 1967. This new state of art water treatment plant at the mill site will be going to a different part of the Strait a little further out and deeper and eliminating Boat Harbor. I believe pulp mills in Quebec are poised to expand creating more effluent in a more concise area in the St. Lawrence..

I retired 17 years ago from Northern Pulp after over 35 years of service. I started at Scott Paper in 1967. I have lived all these years in Antigonish, travelling back on forth each day. My \_\_\_\_\_ at \_\_\_\_\_ Hospital for several years and she became a stay at home mom. We have \_\_\_\_\_, \_\_\_\_\_ who attended St. Francis University and \_\_\_\_\_ who attended Concordia in Montreal. Working at Northern Pulp gave us the opportunity to promote education at university and beyond. The \_\_\_\_\_ are now residing in Nova scotia in their own homes and are tax payers today. Our \_\_\_\_\_ still lives in Montreal. I want to see more people have these opportunities to promote our people and province. We need our forestry in Nova Scotia for everyone.

Best Regards

**From:** @mail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:42:07 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think this is a good project for the environment. Name: @mail.com Address:  
Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 56 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:47:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: To the Environment Minister of Nova Scotia and the Honourable Premier I would like to briefly say that I am in support of the new treatment facility and the pipeline project The scientific consensus indicates that there will be no significant impacts to the Fisheries or the fish habitat Construction phase is will have minor impacts to marine life and ecosystems of which will no. Doubt be reversible as marine species re-establish naturally much in the same fashion as the PEI fixed link project The volume of effluent that currently flows through Boat Harbour will be delivered to the Northumberland Strait as an after treatment by-product that will be absorbed by diffusion within 5 to 50 meters from the outflow My family moved to Pictou County in 1967 to work with the forestry sector, and I remain the only immediate family member to remain in Nova Scotia as my siblings have all left in pursuit of jobs and employment. My daughter has left Northern Nova Scotia for work and my son has left the province for work We need these jobs in forestry and we can coexist with the fisheries just as we have coexisted for the last 52 years Again my position is in favour of the effluent project and for an extension of the Boat Harbour facility until such time that the Effluent Treatment Facility is built and is operating Thank you for giving me the opportunity to comment Name:

@gmail.com Address:

Municipality: New Glasgow Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 68 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:51:02 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: if good for the environment,all in favor Name: @gmail.com Address:

Municipality: New Glasgow Postal-Code:

- ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 67 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:52:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Hello, My name is

I am a 2nd class power engineer at northern pulp. Working for northern pulp has provided me the educational training and practice to advance my PE class to 2nd class. As a member of the emergence response team, I am provided with additional training which helps me improve my skills and knowledge to be a support to the ERT and my community at large. I was born and raised in Pictou county and have seen the positive impact the mill has had on our community in ways of sponsorship, fundraising, employment, and co-ops. In my wife and I have bought our home in New Glasgow. In the Spring of . Our familys financial stability depends on the future of the mill. After reading the focus report we feel the evidence provided is more than sufficient to support the replacement effluent treatment facility project. In closing, we are hopeful for the best outcome where all parties are pleased with the decision. Name: @gmail.com Address:

Municipality: New glasgow Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 92 y: 23

**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:52:35 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Ive tried so hard to be accepting of the situation but when the warrior up threats came out that was all I could stomach. Since the establishment of Boat Harbour the Pictou Landing First Nations has received documentable proof 81 million dollars in compensation for Boat Harbour. They also have 525 acres of land southeast of Amherst called Franklin Manor. If Boat Harbour is creating all the horrors over the last 52 years that they claim and with the money theyve received over the years why have they not been pro active and relocated I can only think of 81 million reasons and millions of more to come. They are opportunists and bleeding hearts that are merely leaching millions from the Provincial coffers using Boat harbour as an excuse. No sane peoples would subject themselves to that kind of threat when alternatives have existed for years. #nosympathy All in for northern pulp and the pipe Name: Email:

@northernpulp.com Address: Abercrombie Point Municipality: New Glasgow  
Postal-Code: Phone: Fax: ### ### - #### email\_message: Privacy-Statement:  
agree x: 51 y: 18

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:54:01 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a woodlot owner in Nova Scotia and a Forestry Silviculture Contractor I am pleading for an extension. As a province we need to keep our one and only pulp mill on the main land of Nova Scotia in Nova Scotia. Without our mill, woodlot owners will see land values plummet because of poor market conditions and the loss of a major supplier of silviculture funds for intensive forest management on the provinces woodland. You may ask yourself how do you know this, well for most of my 32 year career in forestry I have been doing woodlot evaluation for private woodlot owners. So here is my question to you. Do we want Nova Scotia woodland to be valuable for the generations of the future or not? Name: Email:

@ns.sympatico.ca Address: Municipality: Amherst Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x:  
61 y: 19

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:54:10 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: i hope this gets approved  
our area depends on the forest industry Name: @hotmail.com  
Address: Municipality: milton Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 84 y: 23

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Reject Northern Pulp  
**Date:** November 6, 2019 9:54:46 AM

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Executive Secretary to the Minister & Deputy Minister

**Nova Scotia Environment**

1894 Barrington St. 18<sup>th</sup> Floor

PO BOX 442

Halifax, NS B3J 2P8

Phone: (902) 424-3736

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**From:** @gmail.com>  
**Sent:** November 6, 2019 5:56 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Reject Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to ask you to reject in its entirety the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. It is clear that this proposal will have serious negative environmental impacts on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

There's no earthly reason that Northern Pulp shouldn't have to bear the costs of dealing with its own pollution in a closed-containment system, as their sister companies do elsewhere. The idea that they should be permitted to offload these very real costs onto our oceans, land, fishermen, and communities is preposterous.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:56:29 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp is a key contributor to the industry, supplying sawmills with logs and purchasing byproduct chips and bark that sawmills generate. Closure of the Northern Pulp mill would lead to a major contraction of the industry. Northern pulp has done multiple things in the last couple of years to do right by the environment which is important to me. Northern Pulp has improved its environmental footprint by Reduced odorous emissions by more than 90 on average  
Reduced recovery boiler particulate emissions by 99 on average  
Reduced mill wide particulate emissions by more than 80 on average  
Reduced greenhouse gas emissions through the conversion from fuel oil to natural gas. This is just the beginning of what northern pulp can do to make the process better for the environment. The EA was completed thoroughly and they have plans to make northern pulp even better for the county and the environment. The new proposed outfall has much better mixing in Caribou harbor than our current discharge point at Boat Harbor, this has been proven by the scientific models done by Stantec. The fact that there will be NO untreated effluent leaving the Mills property in Abercrombie is a huge benefit and eliminates the risk of another untreated effluent spill into the harbor. The new line will also have leak detection and is going to be constructed with High-Density Polyethylene HDPE pipeline chosen for its reliability. This new facility is the benchmark of all-new modern effluent treatment facilities constructed built all over the world. Not only will this new facility meet and exceed all the current regulations but it will have no problem surpassing any future regulations introduced. The science also dictates that there will be NO adverse effects to any marine life. This mill and in turn this new Wastewater treatment facility is vital to Nova Scotia and our economy. It is possible for us to co-exist with the fisheries just like all of the previous mills who have installed this technology have proven. We simply need the chance. #YESPIPE Name: Email:

@hotmail.com Address:

Trenton Municipality: New Glasgow

Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 44 y: 14

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:58:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If the science supports all environmental guide lines . I think Northern pulp should continue with the pipe line to further their success company growth . Name: @live.ca

Address: Municipality: westville Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 37 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:58:52 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I read the focus report and I am very happy that marine life will not be affected and the water temperature will not be altered. Name: @gmail.com Address:

Municipality: Pictou County Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 51 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:01:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: i saw the difference the system made a the former bowater mersey site. np needs this nova scotia needs this. Name:

@gmail.com Address: Municipality: milton Postal-Code:

Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:  
67 y: 29

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:04:56 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The runoff from the farm fields in PEI / NS and NB has more harmful contamination than the pulp mill Name:

@hotmail.com Address: Municipality:

Marion Bridge Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 56 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:06:53 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: There is science that proves marine life wont be affected and water temperature. If science proves this than I think paper Excellence should be given the time too build their new treatment plant. Name:

@hotmail.com Address: Municipality:  
Westville Postal-Code: : ### ### - ##### email\_message:  
Privacy-Statement: agree x: 48 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:08:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: This project should be approved. The new owners of Northern Pulp have shown that they are committed to a cleaner operation and the focus report shows that this project will result in a much cleaner mill. The fact that the project design has not changed as a result of the focus report shows that they want to do the right thing. This is a great opportunity for Nova Scotians to stand behind our economy while also taking great steps forward towards a cleaner environment. Name:

@hotmail.com Address:

Municipality: Hebbville Postal-

Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 31 y: 24

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Scotsburn Lumber  
**Date:** November 6, 2019 10:11:17 AM  
**Attachments:** [BRN3C2AF46228E4\\_0000003330.pdf](#)

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Executive Secretary to the Minister & Deputy Minister

**Nova Scotia Environment**

1894 Barrington St. 18<sup>th</sup> Floor

PO BOX 442

Halifax, NS B3J 2P8

Phone: (902) 424-3736

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---

**From:** @scotsburnlumber.com>  
**Sent:** November 6, 2019 9:54 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Scotsburn Lumber

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Thanks for your time and consideration with this matter.

Name: \_\_\_\_\_

Address: W estville \_\_\_\_\_

E-mail: @HOTMAIL.COM \_\_\_\_\_

Signature: \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

Attention: Hon. Gordon Wilson, Minister of Environment

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Name: \_\_\_\_\_

Address: Picford Landing \_\_\_\_\_

E-mail: gmail.com \_\_\_\_\_

Signature \_\_\_\_\_

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Name: \_

Address:

Stellarton NS

E-mail: \_

eastlink.ca

Signature

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Name:

Address:

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

live.ca

Westville

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Name:

Address:

E-mail:

Signature:

Pictou  
rail.ca

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Name: \_\_

Address: \_\_

E-mail: \_\_

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
E-mail: \_\_\_\_\_  
Signature: \_\_\_\_\_

New Glasgow N.S.

@l.v.c.a

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 10:09:51 AM  
**Attachments:** [BRN3C2AF46228E4\\_0000003343.pdf](#)

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Thank you for your time and consideration with this matter.



Name: \_\_\_\_\_  
 Address: Belmont NS  
 E-mail: \_\_\_\_\_@\_\_\_\_\_  
 Signature: \_\_\_\_\_

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Name: \_\_\_\_\_  
 Address: Bedford NS  
 E-mail: \_\_\_\_\_  
 Signatur \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

Bible Hill NS

E-mail: \_\_\_\_\_

\_\_\_\_\_

Signature \_\_\_\_\_

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Name: \_\_\_\_\_  
Address: Lecon  
E-mail: Bible Hill NS  
Signatu \_\_\_\_\_

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Name: \_\_\_\_\_  
Address: Dnslow NS  
E-mail: letmail.com  
Signature: \_\_\_\_\_

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 10:00:36 AM  
**Attachments:** [BRN3C2AF46228E4\\_0000003338.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Thanks for your time and consideration with this matter.

Name: \_\_\_\_\_

Address: Bridgewater,

E-mail: Do not have computer or email

Signature: \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

Pictou Co., NS

E-mail: \_\_\_\_\_

@gmail.com

Signature \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_ Bridgeville \_\_\_\_\_

E-mail: Do Not Have an email or computer

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

Pictou Co

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Name: \_

Address: \_

E-mail: \_

Signature

\_\_\_\_\_  
*Pictou Co*  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 9:36:28 AM  
**Attachments:** [BRN3C2AF46228E4\\_0000003325.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Name: \_\_\_\_\_

Address: Pictou NS \_\_\_\_\_

E-mail: @gmail.com \_\_\_\_\_

Signature \_\_\_\_\_

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Name:

\_\_\_\_\_

Address:

stou \_\_\_\_\_

E-mail:

@gmail.com \_\_\_\_\_

Signature

\_\_\_\_\_

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Name: \_\_\_\_\_  
Address: ctou NS  
E-mail: @gmail.com  
Signature \_\_\_\_\_

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Name: \_\_\_\_\_  
Address: ScotsburnNS  
E-mail: mail.com  
Signature: \_\_\_\_\_

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:34:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,  
Sent from [Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:16:54 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:04:52 AM

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The science is irrefutable. In this day and age when we are in a huge climate crisis with Canada being one of the worst offending countries, I see it as your duty to make the hard (but right) decision to protect our ecosystems and move away from the damaging practices that will endanger the future of the earth itself. The international protests and the science speak volumes. Will you? If you can't make the right decision, I personally think you should resign as Minister of the Environment.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 7:53:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Halifax NS

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 7:50:18 PM

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 6:15:28 PM

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Halifax NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 4:43:01 PM

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**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 4:37:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 4:28:08 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Porters lake, N.S.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 3:58:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 3:36:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 5, 2019 3:28:08 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:** @groupesavoie.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:13:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern Pulp has all environment issues covered. They should be given the time to build their plant. Name:

@groupesavoie.com Address:

Municipality: Pictou County Postal-Code:

Fax: ### ## -

##### email\_message: Privacy-Statement: agree x: 58 y: 24

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:18:02 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp has filled a void for low grade fiber for over 50 years . they should be given the opportunity to continue to operate in NS, provided they meet environmental conditions laid out in construction of their new effluent plant. Name: @ns.sympatico.ca Address:  
Brookside Municipality: Truro Postal-Code: Phone: Fax: ### ### - ####  
email\_message: Privacy-Statement: agree x: 51 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:19:34 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: As N.S.  
Silviculture Contractors Association, as a forest owner and as a forest professional, I and most of our members have read the mill effluent assessment data and are reassured by its outcome. If we have faith in science and we do then this data suggests that mill effluent will have a modest impact on the marine environment. Our members overwhelmingly support government approval of this project. Name: @gmail.com  
Address: Municipality: Tatamagouche Postal-Code:  
Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 46 y: 20

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Northern Pulp Nova Scotia Limited, Focus Report September 2019  
**Date:** November 6, 2019 10:21:09 AM  
**Attachments:** [JIF Consulting.zip](#)

---

**From:** @gmail.com>  
**Sent:** October 31, 2019 4:07 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Cc:**

**Subject:** Northern Pulp Nova Scotia Limited, Focus Report September 2019

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Attached is my submission to you as Minister of the Environment for Nova Scotia. The document lists important points which Northern Pulp Nova Scotia Limited has failed to address with the proposed replacement effluent treatment facility and the proposed pipeline to the Northumberland Strait. Providing approval of the proposed undertaking, is not recommended.

Please note the following points of fact:

- 1.) The Mill will dispose of 62,000 to 85,000 cubic meters of waste water per day. This is 700 to 950 litres per second. **Per year, at 62,000 cubic metres/day this is 22 billion litres of waste water.**
- 2.) Total suspended solids or COD (chemical oxygen demand) or BOD (biological oxygen demand) at 0.3 grams per litre leaving the proposed treatment facility is equivalent to 6.6 million kilograms of waste solids entering the Northumberland Strait per year. If you consider the three demands together 6.6 million kg x 3 is = 19.8 million kilograms waste per year... (Table 2.3-3 Laboratory Analytical Results Summary of the Focus Report)
- 3.) Waste water leaving the effluent treatment facility will be between 30 and 37 degrees Celsius. The thermal pollution caused by the 22 billion litres of waste water per year, simply can not be permitted.
- 4.) The NPNS Mill is 52 years of age. It is one of the worst pollution generating kraft pulp mills in Canada as they (Northern Pulp) described in their submission to you. Paper Excellence and Northern Pulp Nova Scotia Limited should only consider a new pulping facility which does not generate massive waste waters and air pollution. It is time to clean up this Mill with a new facility which will likely last another 50 years. There is no sustainable future for the existing pulp mill in today's climate. It would be better to ship wood logs and wood chips off shore to state of the art pulping facilities than maintain the current obsolete kraft pulp mill in Pictou County.

Thank you and sincerely,

New Glasgow, N.S.

[@me.com](#)

October 23, 2019  
Northern Pulp Nova Scotia Limited

Notes concerning the Northern Pulp Nova Scotia Limited Focus Report, September 2019 (Revised/Requested process information for Northern Pulp Nova Scotia Limited,) as required for the Minister of the Environment, Nova Scotia for consideration of the waste water pipeline and effluent treatment facility to replace the Boat Harbour Effluent Treatment facility.

1.) The proposed pipeline crosses Pictou Harbour, will this section of the pipeline be buried in the floor of the harbour? It is not specifically stated. The pipeline on the land segment, crossing from Pictou Harbour, the Rotary along highway 106 (Pictou town areas) to the Caribou Wharf and pipeline extension into the Northumberland Strait will be buried as described in the document. (Page 42 Project Description, paragraphs 2 & 3).

It is important that the entire pipeline be buried so it will not flex with tidal changes and ice scour during the winter months both within Pictou Harbour and the Northumberland Strait. The pipeline made of HDPE can suffer fatigue cracking which cannot be predicted. Fatigue cracking could cause the pipeline failure in months after installation. (Page 60, 3.5.1 second paragraph, second sentence "PE4710 resin was.... as a result slow crack growths uncommon." (Slow crack growth is fatigue cracking.)

The Pictou Harbour silts contained heavy metals and is the site of the largest bird population. What can be done by Northern Pulp Nova Scotia Limited (The Mill) to address this difficult issue.

2.) The pipeline will be high density polyethylene plastic piping, which is a good product for the application. Will The Mill require the contractors to pressure test all fusions/welded connections? It appears the Northumberland Strait and the Pictou watershed lands may have product verification. It is unclear as to the entire pipeline length. Nondestructive testing, fusion/weld verification quality assurance is essential for the long term life of the pipeline. Verification testing, must be by certified inspection having a CSA accreditation for the inspection process.

3.) The October 2019 Kraft Pulping Process diagram does not depict both the Recovery Boiler and the Power Boiler. Both types of boilers are common to Kraft Pulp plants.

4.) The October 2019 Kraft Pulping Process diagram nor the text throughout the 100 plus pages does not address the quantities of hydroxide salts, caustics, sulfur compounds or any other industrial chemicals added to the digestion of the wood to create pulp. The volume of industrial chemicals is significant and this is totally ignored in the environmental description of the process.

5.) Benchmarking The Mill, NPNS is the sixth worst kraft pulp mill in the country based upon the Chemical Oxygen Demand (COD) levels for the waste waters leaving NPNS... Shame. (Page xxvii of the project overview)

6.) Annual waste volume from The Mill is reported to be 62,000 cubic metres of liquid waste per day on average. Maximum wastewater should not exceed 85,000 cubic metres per day. A volume of 62,000 cubic metres is 22,630,000,000 litres of liquid waste per year. 22.63 billion litres of industrial waste into the Northumberland Strait. Because the 22.6 billion litres of waste water is at 35 degrees Celsius, it will require 5 times this volume in marine waters to reduce the thermal loading from 35 degrees C to ambient temperatures. The Mill waste waters will impact 100 billion litres of the marine waters, due to temperature alone. The three diffusers described in the text are not significantly described. One can only assume that each diffuser pipe would be very close to 350 centimeters, or 0.35 meters or 12 inches, given the pipeline is 900 centimeters in diameter. The heat affected zone for each of the three diffusion pipes at a flow

of 0.3 cubic meters per second is well beyond 10 meters in the downstream direction... It is not possible to diffuse rapid flowing water, and the jet description imagined for air distribution is simply not possible with moving water.

7.) Management of the settling pond/tanks on The Mill site: The oxides of sulphur, sulphur dioxide, hydrogen sulphide and other compounds pose a occupational health and safety risk to employees. The NS department of Labour requires no employee to be exposed to more than 0.5 parts per million of hydrogen sulphide in accordance with ACGIH threshold limit values (TLVs) for workplace employees.

The pipeline construction...

8.) The fusion of the high density polyethylene pipeline is not sufficiently considered by Northern Pulp Nova Scotia Limited. They (NPNS Ltd) stated the pipeline will be pressure tested before burial in the Northumberland Strait. There is no statement of quality control for the land buried pipeline or for the segment under Pictou Harbour running adjacent to the Highway 106 causeway. The proposed pipeline must be pressure tested the entire length of the 15 kilometres.

9.) The Pipeline must also be buried in the Pictou Harbour zone to prevent the pipeline from suffering fatigue cracking. This is not addressed within the Northern Pulp Nova Scotia Limited Focus Report of September 2019.

10.) The diffuser assembly as described and depicted in the Focus Report by NPNS Ltd., page 61 suggested flanged connections. The flanges of stainless steel (depicted page 86, Figure 4.2-2,) would most likely be selected with stainless steel bolts. Stainless steel which is buried in the marine environment does not have access to oxygen to maintain the passivation / corrosion resistance. Chromium in stainless steel needs oxygen to create a rust resistant layer. Stainless steel that is buried in seawater will rust and corrode.

11.) The flow rate of the hot waste water of 700 to 950 litres per second will cause pitting corrosion of the flanged connectors. The diffuser pipes will break off due to the corrosion of these stainless steel flanges. The diffusers will have a very short service life. No mention by Northern Pulp Nova Scotia Ltd., is provided on the maintenance of the pipeline diffusers, a mission critical part of the effluent dispersion system... (I am a corrosion and materials chemist and speak from experience.)

Northern Pulp's Environmental History

Paper Excellence and Northern Pulp Nova Scotia operated the kraft pulp mill without an electrostatic preceptor for more than a year without reporting its failure to the community or its regulator.

Northern Pulp's Power Boiler has failed emissions testing.

The Northern Pulp's Recovery Boiler failed emissions testing.

Regardless of failed airborne pollution testing, the Mill operations continued until appropriate shutdowns could be scheduled well after directions/Minister's Orders were given to the Mill management.

The proposed size of the first and second stage clarifiers and the "BAS" technology may appear interesting to the environmental assessment decision makers. However, there is only a four or five hour residency of waste waters to remain in effluent treatment holding system. Waste waters flowing between 700 - 950 litres per second, entering each of the first and second stage clarifiers, this flow rate will cause extreme turbulence. The magnitude of the waste water flow rate limits the capacity of the clarifiers. Furthermore the off-gasing of hydrogen sulphide from the clarifiers will create a process that is difficult to understand and control as well as potentially deadly to workers exposed to the open clarifiers.

The recent Mill Management, while perhaps willing to invest in operator training, most likely will under resource this waste treatment system as previously demonstrated.

The waste treatment proposal only addresses the BOD/COD, pH attributes of the waste waters. The off-gasing from sulphites/sulphides/oxides of sulphur, wear metals, inorganic chemical (iron, nickel, chromium, cadmium, sodium sulphide, sodium sulphates) pollution, and the huge thermal pollution issues are not addressed by the proposed plan of action.

The high density polyethylene piping system to transport the waste water effluent to the final marine site will effectively insulate the waste waters and prevent heat loss. The daily loss of 62,000,000 to 82,500,000 litres hot water (35 to 40 degree Celsius) into the environment is "criminal".

#### Conclusions:

The proposed effluent treatment system is undersized for the clarifiers and the current daily waste water volumes.

Once effluents have passed the clarifier system, there is little opportunity for subsequent remediation should BOD testing indicate non-compliance, this is an issue. BOD testing requires an hour to complete in an onsite laboratory test, which only provides three hours to stop production of the Mill should a compliance issue arise.

6.6 million kilograms of waste solids will be piped into the Northumberland Strait, if the proposed effluent treatment facility works as well as stated by Northern Pulp Nova Scotia Limited.

Waste effluent at 35 degrees C. (or more) will enter the Northumberland Strait killing marine life. This effluent thermal loading alone is deadly, regardless of BOD/COD/ heavy metals, total suspended solids, etc... The projected waste water path via the diffusers, does not accurately address the thermal toxicity to marine life, the foul smelling oxides of sulphur by-products, the chronic heavy metals contamination (from the Mill's equipment, piping, pumps, chromium electroplated rollers, presses etc. ) which will enter the Northumberland Strait.

The waste waters are out of the visual sight of the Mill Management, its response teams, and could have days of non compliant waste disposal before regulatory processes would require immediate shutdown of the proposed waste treatment system. This would be at the expense of fisherman, marine life, and a valuable coastal zone area for tourists, residents and endangered marine mammals.

Lastly

An Industrial Approval should not be considered by the Province of Nova Scotia for the continuing operations of the Northern Pulp Nova Scotia Limited (the Mill) until the Mill replaces

the existing kraft caustic digestion technology and implements a closed loop water pulping process: such that there is little or no waste management issue, no need to dump waste process chemicals and spent waters into the marine environment of Pictou County, the Pictou Landing First Nations or the Strait of Northumberland.

Sincerely

Chemist

New Glasgow, N.S.

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:23:09 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe that you will be doing the province of Nova Scotia a great disservice if do not allow Northern Pulp's treatment facility to continue and to allow the forestry business to stay alive in Nova Scotia. There will be so many jobs lost if Northern Pulp is not allowed to continue with their pulp mill including several who work for the company I work for. There will be forwarder and processor jobs lost, my job which is office manager and all the trucks that haul our wood. The mills we haul to will lose business and I believe eventually will have to close. The facility seems to be top of the art technology and from the focus report I believe Northern Pulp has it under control and will not continue with the procedure if it is not working up to what they believe it can do. Nova Scotia needs this, we need forestry and we need jobs! Name: Email: Address: Municipality: Cooks Brook Postal-Code: Phone: Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 71 y: 11

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:23:46 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: - Choose - Comments: I am writing to show my support for the effluent treatment plant and the need to keep Northern Pulp in operation in order to sustain the thousands of jobs affected. Between construction workers, Mill staff and contractors in the forest industries, this mill has provided Millions in economic benefits to the province and country. The loss would mean yet another dagger to the economy of Nova Scotia which we cannot afford. Tax dollars for roads, schools and healthcare are essential to turn the engine of this economy and also to support the environmental side of it too. Let's try working together so we can have industry AND maintain the environment. Closing this mill WILL NOT fix our environment. Let's all try working together and meet environmental goals and still keep industry intact. Regards

@gmail.com Address:

Municipality: Antigonish Postal-Code: Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 56 y: 26

**From:** [@groupesavoie.com](mailto:@groupesavoie.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:24:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: With a 25 over capacity and a spill basin the installation will be really secure. 800\$ Million in GDP Northern Pulp is a key in the NS economy and the forestry at large. The survival of Groupe Savoie's sawmill in Westville depends directly from Northern Pulp! We want to save jobs, create more opportunities in NS but we really need NP and they proposal to protect environment is a top of the line solution compare with the rest of the world. Name: Email:

@groupesavoie.com Address: Municipality: Saint Quentin Postal-

Code: Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 67 y: 41

**From:** [@seasidehighspeed.com](mailto:@seasidehighspeed.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:25:20 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in support of Northern Pulp, building a new treatment plant using modern technology to reduce its environmental footprint. Protecting aquatic habitat is of the utmost importance to me. I believe that Northern Pulp has addressed all the issues raised in the initial environmental assessment. This proposed project should a priority and proceed without delays. Forestry is an important economic factor in Nova Scotia we can not loose it, or any other industry we need all parties contributing to the betterment of Nova Scotians and the environment. Name:

@seasidehighspeed.com Address:

Municipality: Aspen Postal-Code:

Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 73 y: 24

**From:** @HOTMAIL.COM  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:26:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: the fax on this are in my mind in more study and just says its bad is being bias and quick to judge and just see their side without looking at the true fax im not saying its bad or good just more looking into Name:

@HOTMAIL.COM Address:

Municipality: Westvile Postal-Code: Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 53 y: 28

**From:** @accesswave.ca  
**To:** Environment Assessment Web Account  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:27:34 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In my opinion Nova Scotia needs its forestry industry to remain in tact and this means that Norther Pulp must remain open. The economic spin off from Northern Pulp for the entire province is huge and must not be put at risk. The focus report indicates that the effluent treatment facility will be a state of the art facility which exceeds federal guidelines. It concludes that the fishing industry surrounding the pipe will not be affected. Furthermore, it is my understanding that the fishing industry in that area contributes a smaller total economic output than that of the mill/forestry, and that the two have worked together for the last 50 years. I believe that both industries can still, and should work together. As long as the pipe is monitored for any problems, the environmental impacts should be minimal. I am excited that people are finally starting to consider environmental issues when it comes to industry. This pipe appears to be a huge improvement from what had traditionally been accepted. Norther Pulp contributes greatly to the economic output of the immediate New Glasgow Area and the province as a whole. I assume it provides a large tax base for the municipality as well as excellent employment for local families and those across the province who work in this sector including but not limited to independent saw mills, wood lot owners, trucking, rail and port functions. It supplies the material required to produce many of the paper products Canadians use on a daily basis. If this mill were to close where would we find these natural resources? I am certain no one wants to use materials which come from the deforestation of the earths endangered rain forests, but that is likely where these raw materials could come from. In Nova Scotia the forestry is renewable and must be treated with respect. I believe that Northern Pulp is sensitive to these things, as this is their business. If the Northern Pulp were to close its doors, many Nova Scotians would find themselves in great hardship from the effect that this would have. Please allow Northern Pulp the opportunity to build this state of the art treatment facility and keep Nova Scotians working in this traditional industry. Name: @accesswave.ca

Address: Dartmouth Municipality: Nova Scotia Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 70 y:

18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:33:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Based on the focus report that marine life and habitat will not be affected should be reason to allow the mill to build their new treatment plant. Name: @gmail.com Address: Municipality: Foxbrook Postal-Code: Fax: ###  
### - #### email\_message: Privacy-Statement: agree x: 55 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:36:30 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My husband and I moved here 20 years ago when he was offered a job at the mill. We loved Pictou right away. Its beautiful here and the people are friendly. Closing the mill means our family and many others will have no choice but to leave in search of comparable employment elsewhere. Pictou is already dying a slow death. There are houses here for sale that have been that way since we arrived. Closing the mill will take young people and families out of a town that desperately needs growth. It takes money out of an economy that cant afford to lose it. The municipal work required here will have to go undone due to loss of tax revenue. The people at the mill will lose their jobs and without money to spend, all those trickle down jobs will be effected, too, resulting in more job loss, that of low wage jobs held by people who know it will be near impossible to find another one. Nobody can argue with wanting clean air and clean water. If Northern Pulp can operate within the legal and environmental constraints put on them, then please allow them to stay open. Name: @gmail.com Address:

Municipality: Pictou Postal-Code: Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 54 y: 28

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:38:08 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My family and so many families in my town depend on NP!!!! Name: @ns.sympatico.ca  
Address: CALEDONIA caledonia Municipality: QUEENS COUNTY Postal-  
Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-  
Statement: agree x: 47 y: 25

From:  
To: [Environment Assessment Web Account](#)  
Cc: [info@friendsofthenorthumberlandstrait.ca](mailto:info@friendsofthenorthumberlandstrait.ca)  
Subject: Northern Pulp Proposed Pipe in the Strait  
Date: November 6, 2019 10:39:57 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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To the Environment Minister:

I know we were tasked with reading the lengthy focus report that the previous minister requested and as of today I have only managed to read a very small portion due to my vision impairments and the lack of facts within. I have a few points that I would like to share regarding any of this proposal !

1. When are we going to put the environment first so that there is a survivable Earth left for the next generations?
2. Why should the mess left by this Mill be left for the next generations to clean up when the profits from this Mill go overseas?
- 3 How can putting more trash in the ocean be a good thing? Have we not learned that garbage in the ocean is garbage !
4. Now is the time to start cleaning up Boat Harbour 52 years of pollution is too long! .
5. Now is the time to do better with our forests ! We need the trees to clean our polluted air !
6. Now is not the time to start a new environmental disaster in Northumberland Strait!!
7. Now is the time to do different Now is the time to care for Mother Earth! NOW!!!

**# NO EXTENSION # NO  
PIPE IN OUR STRAIT**

Sincerely

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Protect Caribou Island and surrounding areas  
**Date:** November 6, 2019 10:40:11 AM

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**From:** @eastlink.ca>  
**Sent:** November 6, 2019 10:29 AM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Protect Caribou Island and surrounding areas

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

My [redacted] has land on Caribou Island and spent [redacted] summers swimming there. Our own children have also grown up swimming in the Strait. We trust your government will not further the environmental destruction of this beautiful part of our province by allowing Northern Pulp to pump their effluent into the waters off of Caribou Island. The people of Pictou Landing First Nation and surrounding communities have suffered enough ill effects from this mill. I urge you to prevent the impact from being worsened by spreading the effluent further into the surrounding waters.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

---

Glen Haven, NS

[@Eastlink.ca](#)

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:40:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The way i see this being is if everything was looked over by the top scientist of multiply Canadian Universitys or top professors of Universal Scientists as saying that their will not be any environmental Damages done in the Northumberland strait in the Atlantic maritime s then it should be Okay for the pipe to be put in. The water will not change in temperature and water is being thoroughly treated with none lethal chemicals and with up to date technology to filter out all contaminants thatd effect our aquatic life ranging from our crustaceans to plankton to our fish. Name:

@gmail.com Address: Municipality: Saltsprings  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 49 y: 32

From: @gmail.com  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 6, 2019 10:40:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: To Nova Scotia Dept of Environment I am writing this letter about the proposed pipeline into the Northumberland Strait from the Northern Pulp Mill. This letter will focus more on the marine life centred around the difuser siteend of pipeand what negative effects we could be possibly be looking at. I have been a commercial fisherman for 37 years fishing out of my home port Caribou Harbour. During this time I have fished Lobster, Herring, Rock Crab and some Mackerel around this locationend of proposed pipe for rest of my letter I have many reservations about this, none of them good. This area is also used for recreational purposes as well, Tourism: One thing that really stands out to me here is the PEI FERRY WHEN COMING OR LEAVING CARIBOU HARBOUR WILL BE SAILING ALMOST ON TOP OF PIPE END. I can only imagine what 70,000,000-80,000,000 litres and possibly 4 TONNE OF SOLIDS a day would mean for the entrance and exit of Caribou Harbour. I remember sailing through the straight of Canso a few years ago and the water being brown and a stench off Storax mill. Nice way to be welcomed to Nova Scotia as many people from other parts of the world enter and leave from here. Back to the fishing aspect of this. There are many things to go wrong here and I need not remind you of the value of the Fisheries in the Atlantic provinces. It probably will only take one tainted lobster or scallop and the repercussions could be very wide spread within all the different market areas. The warm water coming out of the pipe what will this change? In the early stages of marine life growth I am sure this is going to be a factor Northern Pulp has no facts to back up any of their claims regarding the effects it will have on marine life. The terms of reference states that Northern Pulp should have discussed how the pipe outflow impacts the Fisheries. On page 6, 7.3 THIS MUST BE BASED UPON UPDATED INFORMATION.... The maps on pages 130-135 don't show the extent of the Fisheries as I know them as I have fished Lobster herring scallops and rock crab in these marine areas. How can Northern Pulp put this pipe out there if they have admitted they don't know the effects its going to have? Figure 7.3-3 on page 130 shows buoy cluster of three separate days during the Lobster season of 2019. We move gear every day and further more the information was obtained from an airplane that never left the land. It travelled over the land to see where we fished Lobster. How much sense does that make? Again I have fished herring Lobster and rock crab quite extensively at the pipe end location. It is a pretty sure thing that the pipe will have an irreversible effect on Caribou Harbour, the Fisheries and the landscape in the area. This is not a chance I am willing to take as we know what happened in Boat Harbour. Also on the west coast of Canada every Pulp mill that disperses into the Pacific has very large shellfish closures around them. My last point I would like to make is about the integrity of the Pulp mill over its life.... THEY HAVE NONE. Every thing in that mill comes out the pipe in one form or another, sewage, right down to washing your hands. They claim to be able to monitor everything if a leak occurs but this is false as well as on the last known leak was found by a hiker? Ask yourself how many times has this occurred with known public knowledge? Bad stuff will come out the end of that Pipe. There is a very good possibility that this pipe is going to ruin the waters in this area with far reaching consequences in the fishery for at least the Maritime provinces. It is also quite easy for people that don't live in this area to turn a blind eye to it. I would ask them to think about it if it was

on their doorstep how they would feel? Thank You for reading my letter and I know you will make the right decision NO PIPE Name: @gmail.com

Address: Municipality: Three Brooks Postal-Code: Phone:  
### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

66 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:40:57 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe that the mill should remain open due to the science from the reports that show the plans for the treatment facility are environmentally sound. The focus report shows that the ocean water meets Canadian marine guidelines, and the third party experts believe that there will be no significant impacts on the fisheries which I believe are the most important. Name:

@hotmail.com Address:

Westville, Nova Scotia

Municipality: Westvile Postal-Code:

Fax: ### ## -

##### email\_message: Privacy-Statement: agree x: 71 y: 31

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:41:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: If the science proves, and obviously it has, that the new treatment plant will have little or no impact on marine life, does not raise the temperature of the water at the end of the diffuser, and have no accumulation of sediment, then I agree the project should be allowed to go forward. It seems to me that Northern Pulp is willing to put in the time and the dollars to protect the environment and make the area unsafe for all concerned parties. Name: Email:  
@hotmail.com Address: Municipality: Salt Springs  
Postal-Code: Fax: ### ## - ##### email\_message: Privacy-  
Statement: agree x: 38 y: 20

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:47:05 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a concerned citizen I have gone over some of the studies that Northern Pulp has been ask to do and by far and away they are putting in one of the best treatment plants in the world. Northern have done their best to take the effluent as far away as possible from the lobster fishing grounds so as not to effect the lobster habitat. Northern Pulp has take the initiative to use High-density Polyethylene pipe that was 0.5 thicker 2.118 - 2.667 than engineering required which would protect the effluent from escaping due to damage from ships that may run into it or erosion over time. Northern Pulp has done everything that has been ask of them and went above and beyond the governmental standards that has been set out by law. In my opinion Northern Pulp is a huge part of the Nova Scotia economy and without them the standard of living in Nova Scotia would take a huge down turn. If the Nova Scotia government want people to move home to Nova Scotia and have good jobs and a good standard of living then we must not turn our noses up at a company that wants to improve their carbon foot step and be a world class facility.

Name: @eastlink.ca Address:

Municipality: Truro Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 45 y: 25

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:47:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: After reading the focus report Im happy to hear that marine life will not be affected. Also i was nervous that the wastewater being dumped into the Nortumberland Strait will not alter the water temperature.

Name: @eastlink.ca Address:

Municipality: Westville Postal-Code:

Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 67 y: 14

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:48:03 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: It is disturbing to see aerial images of the destruction related to Northern Pulp. In 2019 this kind of gross environmental destruction is absolutely unacceptable. This is not the time to level forests and displace wildlife. This is, without question, a time to protect the natural resources we have left.

Name: @gmail.com Address: Halifax NS  
Municipality: Halifax Postal-Code: Phone: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 86 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** A positive economic, social and environmental vision for NPNS  
**Date:** November 6, 2019 10:49:52 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Nova Scotia Ministry of Environment,

Please seriously consider the analysis and proposal below.

I believe a Province-NPNS joint venture is realistic way to heal the divisions in the community, build a profitable new technology center for Nova Scotia, and avoid fisheries and environmental losses.

Ph.D., P.Eng

Northern Pulp Proposed Replacement Effluent Treatment Facility Project  
Class 1 Environmental Assessment.  
*A More Visionary Economic and Social Approach.*

Submitted on behalf of my grandchildren

5 November 2019.

By Ph.D. (Biomedical Engineer), P.Eng. (Ont.)

**1. PROBLEM SUMMARY:**

We calculate that the proposed replacement ETF will have a Northumberland Straight point source impact of a municipal secondary sewage plant serving a population of 220,000 people, 39% larger than the entire population of the Province of Prince Edward Island. Of the marine biosphere studies done on secondary treatment plants with such high percentage complex industrial chemical loading, all have revealed major negative outcomes for marine species. The once thriving commercial freshwater fisheries of Lakes Ontario, Erie and Michigan died out as such sewage plants encircled them early last century. The replacement ETF is an experiment with extremely high risk of loss to the fisheries. Has the Province made a commitment to monitor its experiment for at least 10 years at numerous up and downstream sampling sites, conducting comprehensive chemical toxicology, and population biology studies? Is the Province committed to monitoring and documenting the commercial losses, and to compensate the fishermen? Through historic agreements the Province is triply conflicted as the proponent/guarantor, financier/owner and environmental regulator of this replacement ETF. It has agreed to finance and provide wastewater discharge treatment facilities to NPNS and to hold NPNS harmless against the environmental damages of its discharges. Yet it delegates operational control of its facilities to NPNS, which makes monitoring and public disclosure difficult to guarantee.

**2. ASIA PULP AND PAPER ALREADY RUNS A ZERO LIQUID DISCHARGE BLEACHED KRAFT MILL IN**

## **CHINA:**

A Zero Liquid Discharge Mill technology is the ONLY one that will satisfy all major interests in the Paper Excellence - Northern Pulp debate. This CAN be achieved through upgrade of the existing NPNS bleached kraft plant which is at the end of its service life. Paper Excellence knows it can work because its “parent” and intimate customer, Asia Pulp and Paper, has boasted in publications that it already operates the largest Zero Liquid Discharge Bleached Kraft Mill in the world on Hainan Island, China [ref.section 4]. It can also be achieved by conversion of the plant to a Zero Discharge BCTMP process like the Meadow Lake and Chetwynd plants which Paper Excellence already owns and operates in Saskatchewan and BC. With recent fiber blending techniques, BCTMP processes can produce pulp of equivalent strength and brightness to bleached softwood kraft [ref. section 5]. <https://www.pulpandpapercanada.com/bctmp-a-pulp-for-all-reasons-1000106738/>

The Replacement ETF Study Addendum 1 shows that PE-NPNS has considered a partial process change toward BCTMP by installing Oxygen delignification. However, it would not make that investment until some indefinite time after the Replacement ETF is completed. Thus it will not run closed-loop in Canada although APP does run closed-loop in China.

The high capital cost of new construction in Canada versus China, and long payback time are reasons Paper Excellence (PE) would rather close Northern Pulp (NPNS) than upgrade. PE’s published business model in Canada is to buy up old, idle and bankrupt plants at the lowest cost, run them at full output continuously, and be the most profitable company in the business. <https://www.workingforest.com/chetwynd-mill-restart-caps-company-buying-spreed/>

At latest count it has acquired 10 old mills in Canada in the past decade. Although it says it will “be here for a century” or “as long as the Asian market keeps emerging”, like any past mill owner, if it does not profit it will shut down. And it has shut down mills during unprofitable periods. Even in the near term there is no guarantee the 50 year old Northern Pulp plant, using slow growing expensive Canadian softwoods, can continue to compete against the emerging cheaper mills and fast growing feed stocks of Asia. We foresee a very significant risk that PE will shut down NPNS in any case, and the proposed replacement ETF will be a total waste of money. Our estimate, based on comparable projects, is \$500 million and 5 years duration. That is \$885,000 to \$1,475,000 for every one of the 339 direct mill jobs) [ref. section 7]. In 2019 numbers, the annual return on investment to the Province might be the stated \$10 million in direct NPNS corporate taxes plus about 25% taxes on the \$200 million that NPNS estimates it returns to the community, total \$60 million annually. That is 12% per annum and an investment recovery time of 8.3 years. This is not unreasonable, but only if NPNS actually remains profitable, in operation, there are no failures requiring repairs and environmental cleanups, and NPNS absorbs all operating costs.

### **3. POSITIVE VISION: A PROVINCE –NPNS JOINT VENTURE OPPORTUNITY**

There is a rapid global shift away from single use and non-biodegradable plastic products and packaging due to overwhelming plastic garbage contamination of land and ocean. Hence there is resurgent demand for paper, lignin biopolymers and cellulose bio-composite replacements for these, as well as 3D printed bio-scaffolds on the scale from antibacterial skin grafts to vehicles, homes and

commercial buildings. Somewhat ironically, new co-polymers of lignin and cellulose from trees with chitosan and chitin from crab and lobster shells, make excellent low cost construction materials and molded parts. To access these higher value markets the Province-PE-NPNS joint venture would need to 1) transition from pulp only to both pulp and paper, 2) identify the most lucrative new paper markets to enter, 3) contract with Canada's leading edge university and commercial groups in paper and composites research, 4) capitalize on the lower cost and higher efficiency of the growing abundance of hemp fiber blends (~5 times more fiber/acre than trees, ~70% cellulose vs 30% for trees, ~10% lignin vs 25% for trees [ref. section 9]), and 5) raise the capital to modernize to a Zero Liquid Discharge pulp AND paper plant. This may take a Provincial investment of \$2 billion, but would generate a more robust diversified industry complex, a center of excellence and new product development for the forestry sector, and higher technology JOBS. If only 1921 new jobs are derived then this is a better deal.

This Positive Vision, we believe, is worth the province's time and money rather than a high risk sewage plant and pipeline which will perpetually anger and divide the community's Pictou Landing First Nation, foresters, fishermen, and citizen environmentalists. PE-NPNS has the opportunity to amend its economic model for the sake of community harmony and mutual economic benefit. It has the opportunity to step up and be the core company of a group of R&D, new technology paper and biopolymer materials companies that share the use of the Zero Liquid Discharge treatment plant. The Province has the opportunity to spread its capital risk over more companies and larger tax base with less dependence on the single commodity, pulp. It has the opportunity to closely engage its universities in solving these vital industrial technical problems and to create lasting high technology jobs for graduates.

**STEP 1:** Provincial Ministries of Environment and Industry and consultants will visit APP Hainan Island, China on a fact finding mission to thoroughly ascertain the validity of its claim to operate a Zero Liquid Discharge Bleached Kraft Pulp and Paper Mill. It is hoped that Jackson Widjaja will foster co-operation through his parental ties to APP. As much technology detail as possible will be acquired. Other such plants that are operating in the world should be sought out and visited as well. The Zero Liquid Discharge BCTMP mill at Meadow Lake SK should be visited to determine the detailed cost and process technology changes required to convert NPNS to this closed loop BCTMP model. Reverse osmosis, key technology to water recycling and removal of small molecule toxins (e.g., fish endocrine disruptors), will be in particular focus. There are many plants now operating with reverse osmosis (RO) water recovery including Irving Pulp and Paper in St. John NB. It added a Zenon Environmental (Burlington ON) RO system and 2 stage Oxygen delignification in 1998.

Key technology people from these operations should be identified as potential consultants/employees. Detailed design and cost analysis to upgrade PE-NPNS to Zero Liquid Discharge running either bleached kraft or BCTMP process.

**STEP 2:** Given that Zero Liquid Discharge (ZLD) operation is verified at APP Hainan Plant in China, the Province will commission a new ZLD design for the NPNS site. If it can be build and operated in China the same can be done in Canada. NPNS will agree to cede a parcel of its mill property sufficient to build the new paper plant and new technology business complex with contiguous road and right of way to public roads and transit. The province will seek an extension on NPNS's use of the existing

Boat Harbor ETF and compensate Pictou First Nation through agreeable fines and incentives for the duration of the rebuild process.

**STEP 3:** The Province will acquire a small publicly listed company (at least expense) and hire experienced and successful paper and polymer executive management. This company (let us call it Abercrombie Innoventures Inc. or AI) will raise the project money through provincial and federal infrastructure development grants and loans, venture capital, the sale of shares, federal R&D grants and other instruments available. AI will recruit related companies to submit expressions of interest and letters of intent to lease space in the new technology complex. PE-NPNS may or may not bid to build the new paper plant at its discretion and its expense. If not, other paper companies, like Irving, will be invited to build the new paper and advanced composite materials plants in partnership with AI.

**STEP 4:** AI finalizes the design of the new ZLD pulp and paper and innovation complex, construction permits are obtained and construction commences. AI continues to recruit new clean technology companies, lease space, attract investment and promote the venture. Validation of mill zero discharge objectives are being met is obtained, operating permits are granted, occupation and operation of the mills begins. Realistically this may take 6 years. The NPNS mill will be closed during this time. Mill workers may be employed in the rebuild of the ZLD plant. PE-NPNS will not be compensated for business losses during this time. They are essentially being given a new mill free at public expense.

## **BACKGROUND RESEARCH and ANALYSIS with REFERENCES**

### **4. IT IS A QUESTION OF MONEY. APP ALREADY OPERATES A ZERO DISCHARGE MILL IN HAINAN CHINA:**

Paper Excellence (PE), related to the large Indonesia-based multinational Asia Pulp and Paper through both family ownership and voluminous interdivisional pulp trade, took ownership of NPNS in 2011.

From: <https://www.pulpandpapercanada.com/acquisitions-continue-paper-excellence-buys-northern-pulp-nova-scotia-1000406631/> and [https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf\\_3dec0841536843849ee98651043f2e3b.pdf](https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf_3dec0841536843849ee98651043f2e3b.pdf)

In her “*OP-ED COLUMN: Closed loop – not a question of money but of technology*”, The News, Nov 21, 2017, Kathy Cloutier, Director of Communications for Paper Excellence Canada, appears to discharge classic corporate disinformation. She stated “*As confirmed by expert consultants, a zero-effluent bleached kraft mill does not exist at this time*”. Astonishing given that PE’s owner (Jackson Widjaja) is the son of Asia Pulp and Paper (APP) owner Teguh Widjaja which claims to operate the largest Zero Liquid Discharge Bleached Kraft Pulp and Paper plant in the world on Hainan Island in China. PE also owns Meadow Lake and Chetwynd BCTMP Zero Discharge Pulp mills in Saskatchewan

and BC.

Please refer to:

Wood pulp and paper: **Water reuse drives Chinese paper mill - Filtration + Separation**

<https://www.filtsep.com/pulp-and-paper/features/wood-pulp-and-paper-water-reuse-drives-chinese/>

**Jiangsu Jiuwu runs paper pulp industry's largest zero-liquid discharge project - Filtration + Separation**

<https://www.filtsep.com/pulp-and-paper/news/jiangsu-jiuwu-runs-paper-pulp-industrys-largest/>

A key to complete water recovery and Zero Liquid Discharge in the Hainan mill is the ceramic reverse osmosis membrane technology provided by Jiangsu Jiuwu Hitech a membrane filtration technology company based in Nanjing, China.

<https://www.jiuwumembrane.com/company-profile/>

Briefly summarizing, membranes made of ceramic and polymer materials can separate water from dissolved salts (e.g., sodium chloride in sea water, desalination by reverse osmosis), small dissolved organic molecules, bacterial, viral and particulate contaminants (wood fiber). The technology is widely used in food and beverage, and biopharmaceutical purification, and has been deployed in Asia, particularly India, for pulp mill water recovery/recycling.

“The project by Jiangsu Jiuwu Hitech Co., Ltd is located in Oji Paper Co., Ltd. in China. Oji Paper Co. is owned by Asia Pulp and Paper Company. 40000m<sup>3</sup> of papermaking and pulp wastewater go through the system each day. The main systems include ozone-coupled biofiltering (removing COD), the integrated membrane system of ultrafiltration and reverse osmosis, electrodialysis (EDR) concentration system and MVR evaporation crystallization. The clean water is supplied to the power plant desalination system and the production water system. Waste salt is supplied to the Transportation Bureau to use as snowmelt agent and chemical raw materials.



The treated water is then reused, or supplied to an on-site fish aquaculture project .” The fish are very sensitive sentinels of endocrine disruptors, and any other biohazard in the waste water treatment process.

Similar RO systems are operating in Canada. Irving Pulp and Paper installed a reverse osmosis system developed by Zenon Environmental (Burlington, ON) and found that it not only achieved the required water recovery but reduced endocrine disrupting substance (small molecules) discharge as a side benefit.

Please refer to:

Solutions To Damaging Mill Effluents. February 1 2006.

<https://www.pulpandpapercanada.com/solutions-to-damaging-mill-effluents-1000201803/>

Irving captures NSERC award. October 26 2005.

<https://www.pulpandpapercanada.com/irving-captures-nserc-award-1000045169/>

## **5. PE-NPNS MIGHT CONVERT TO OXYGEN DELIGNIFICATION – BUT WOULD NOT RUN CLOSED-LOOP**

Conversion of the Mill from bleached kraft to a BCTMP Mill capable of Zero Liquid Discharge or even a partial oxygen/hydrogen peroxide delignification system that would reduce effluent impact very substantially. However PE-NPNS has put off indefinitely what it perceives as an onerous capital expenditure, and certainly until after the new ETF has been completed.

To quote the Replacement ETF Study addendum 1 -

“The environmental benefits of Oxygen Delignification are as follows:

- Reduced chlorine dioxide bleaching chemicals by 30 – 40%, with a corresponding reduction in effluent organic loading and chlorinated compounds;
- Reduced effluent color;
- Reduced wood losses;
- Increased recovery of lignin to the liquor cycle, with a resulting reduction in the mill’s carbon footprint;
- Reduced energy consumption by reducing aeration requirements in the new ETF, with a resulting reduction in the mill’s carbon footprint; and
- Reduced nutrient addition in the new ETF.

The Oxygen Delignification Project has been studied at NPNS. In 2017 NPNS conducted a preliminary engineering study to determine how the project would be integrated into the existing mill processes and developed a high-level cost estimate of the project. As outlined in Section 2.4, the future Oxygen Delignification system was considered in the design of the ETF and will be managed as a separate project to be undertaken after the ETF project is completed. This project is a significant capital expenditure for the mill and an implementation schedule has not been determined at this time.”

[https://www.novascotia.ca/nse/ea/Replacement\\_Effluent\\_Treatment\\_Facility\\_Project/focus-report/Addendum%202.0%20-%20Effluent%20Discharge%20Parameters.pdf](https://www.novascotia.ca/nse/ea/Replacement_Effluent_Treatment_Facility_Project/focus-report/Addendum%202.0%20-%20Effluent%20Discharge%20Parameters.pdf)

From this alone we infer that PE would not pay the much higher costs for a complete upgrade of its bleached kraft process, or a complete conversion to BCTMP meeting Zero Liquid Discharge standards.

## **6. EXAMPLES OF NEW PAPER AND COMPOSITE TECHNOLOGIES**

We have personal experience in the synthesis of copolymer conjugates of cellulose, alginate, agarose, gelatin/collagen, and chitin/chitosan. All are abundant and cheap industrial waste materials from agri-food, forest, and fisheries. Cellulose and lignin from forestry, pulp and paper production,

and Chitin from shrimp, crab and lobster processing are the number 1 and number 2 most abundant bio-polymeric materials on Earth. All are biodegradable by natural fungi and bacteria into compost that enriches and stabilizes farm and forest soils. The global crisis in accumulating non-biodegradable petro-chemically derived plastic garbage is forcing a rapid shift back to these types of bio-polymers for biodegradable products and packaging.

There are hundreds of examples in the bio-engineering research literature of their development as scaffolds in replacement skin, pancreas, heart, brain, muscle, liver, kidney and other organs. These are small volume, but extremely high value products, but they cannot utilize the millions of tonnes of such waste. Here we give just a few examples of the kind of development that can utilize and make high value products from such volumes.

***Carlsberg working towards world's first bio-based 'paper' beer bottle***

<https://www.canadianbiomassmagazine.ca/carlsberg-working-towards-worlds-first-bio-based-paper-beer-bottle/>

***McGill researchers use lobster shells to make biodegradable plastic***

<https://www.cbc.ca/news/canada/montreal/mcgill-researchers-use-lobster-shells-to-make-biodegradable-plastic-1.4920820>

Jingjing Li, Jian Li, Dejun Feng, Jingfeng Zhao, Jingrong Sun, and Dagang Li

***Comparative Study on Properties of Polylactic Acid Nanocomposites with Cellulose and Chitin Nanofibers Extracted from Different Raw Materials***

Journal of Nanomaterials, Volume 2017, Article ID 7193263

<https://doi.org/10.1155/2017/7193263>

[Meghann Rosewald](#), [Fang Yao Stephen Hou](#), [Tamutsiwa Mututuvari](#), [April L. Harkins](#), and [Chieu D. Tran](#)

***Cellulose-Chitosan-Keratin Composite Materials: Synthesis, Immunological and Antibacterial Properties***

ECS Trans. 2014; 64(4): 499–505. doi: [10.1149/06404.0499ecst](https://doi.org/10.1149/06404.0499ecst)

[Chieu D. Tran](#), [Simon Duri](#), [Ambra Delneri](#), and [Mladen Franko](#)

***CHITOSAN-CELLULOSE COMPOSITE MATERIALS: PREPARATION, CHARACTERIZATION AND APPLICATION FOR REMOVAL OF MICROCYSTIN***

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***Large-scale additive manufacturing with bioinspired cellulosic materials***

*Sci Rep* **8**, 8642 (2018). <https://doi.org/10.1038/s41598-018-26985-2>

***Wood waste and crab shells may find use in compostable food wrap***

<https://newatlas.com/cellulose-chitin-food-wrap/55579/>

**Paper-Based 3D Printing Saves on Costs, Cuts Environmental Concerns for Automotive Manufacture**

<https://3dprint.com/154348/a-few-questions-for-mcor/>

***Japan proposes wooden cars made of plant-based cellulose nanofibers***

<https://newatlas.com/automotive/cnf-cellulose-nanofibers-wooden-car/>

***The growing present and future applications of lobster shells***

<https://www.sciencedirect.com/science/article/pii/S0079670017301958>

***Premium speaker range sports zero waste, paper housing, eco-friendly design***

<https://newatlas.com/home-entertainment/zero-premium-speakers-flare-audio/>

**Wu Lan**

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***A Road to Profitability from Lignin via the Production of Bioactive Molecules***

ACS Cent. Sci. 2019, 5, 10, 1642-1644. <https://doi.org/10.1021/acscentsci.9b00954>

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, [Charles E. Wyman](#),

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***Lignin-Based Polyurethanes from Unmodified Kraft Lignin Fractionated by Sequential Precipitation***

ACS Appl. Polym. Mater. 2019, 1, 7, 1672-1679. <https://doi.org/10.1021/acsapm.9b00228>

***Improved FDM 3D Printing with Lignin Biocomposites***

<https://3dprint.com/256007/improved-fdm-3d-printing-lignin-biocomposites/>

For numerous other advances in paper and bio-polymeric materials products please see:

<https://www.canadianbiomassmagazine.ca/topic/bio-products/biochemicals/>

**7. COST AND TIME ESTIMATES FOR THE REPLACEMENT ETF BASED ON PAST PROJECTS:**

**7.1 Secondary Sewage Plant with Rotating Bio-Reactor and Activate Sludge**

In 2005 Barrie began a wastewater plant upgrade to an activated sludge secondary treatment plant with rotating biological contactors and anaerobic tank microbial digestion additions, biogas recovery for power electrical power cogeneration, and UV disinfection of water prior to release into the sensitive recreational and sport fishing environment of Lake Simcoe.

Barrie Population 2011, **135,711**. City combined domestic and commercial/industrial wastewater flow 52 million liters/day. Project time, 2005 to 2011, 6 years. Cost \$87.9 million.

Barrie wastewater case study. <https://fcm.ca/en/resources/gmf/case-study-how-barries-new-wastewater-plant-improves-capacity-and-efficiency>

Like the replacement ETF, the Barrie plant did not have water recovery or zero discharge technologies. Being of mixed domestic and commercial wastewater, however, it had a much lower industrial chemical load to reduce to safe effluent than the proposed Northern Pulp plant (e.g., NaOH, Ca(OH)<sub>2</sub>, CaCO<sub>3</sub>, lignin, organochlorines, pyrans, furans, crude pulp fiber). The cost of additional pretreatment stages to control pH, temperature, solids, and so on, before input to the membrane biofilter digestion stage will add substantial cost to the Northern Pulp plant. A 15 km secure/ruggedized overland and sub-ocean waste discharge pipe is yet another costly feature that Barrie did not require as it is on the immediate shoreline of Lake Simcoe.

The design effluent volume is 85,000 cubic meters per day (85,000,000 liters per day). That is  $(85,000,000/52,000,000) = 1.635$  times as big, equivalent to municipal sewage volume for (Barrie's 2011 population of 135,711 x 1.635 =) 221,888 people. Comparing this with the population of Prince Edward Island in 2019 (159,878) the sewage outfall from this one Northern Pulp plant will be 39% bigger than the secondary sewage flow of the entire population of Prince Edward Island.

In capital cost for just the secondary sewage plant, if scaling linearly then, the expected cost is \$143.7

million in 2011 dollars. Assuming that the Northern Pulp plant project will take at least 6 years, as did the Barrie project, the plant will be done in 2026. Also assuming an inflation rate of 2.5%/annum between 2011 and 2026 the inflation adjusted (1.448 x) cost will be \$208 million. The pretreatment stages aforementioned will probably add 25% to the cost. That brings the final total to (1.25 x 208,000,000 =) \$260 million for the sewage plant alone.

## **7.2 Fifteen Kilometer Submarine and Roadside Easement Pipe with 85 Million Liters per Day Capacity**

The proposed replacement ETF 15 kilometer effluent pipe is to traverse under the ocean and immediately alongside a highway. It should be remembered that NPNS was responsible for the operation of the raw sewage pipeline when it ruptured and triggered the Boat Harbour Act. Pipeline ruptures are frequent, costly and devastating environmentally. In fact, at the time of writing (November 1, 2019), the Keystone oil pipeline through Northern Dakota has ruptured spilling 1.4 million liters of oil.

The proposed pipeline is to be of welded high density polyethylene, perhaps satisfactorily corrosion resistant, but more brittle at low (subzero) temperatures. Its coefficient of expansion was not specified, so it may buckle and break at weakened welds. Further, it is susceptible to accidental breaches by dredging, sinking vessels in the marine area, and cars and transports vaulting off the highway on land.

The Region of Peel, Ontario, recently detailed the costs of constructing an underground East-West sewer trunk interconnect of 14 km carrying approximately the same sewage flow per day. The total cost was \$240,174,000 in 2015. This is less susceptible to collisions but equally susceptible to undermining by water courses, careless excavation by contractors, and geological faults.

Please refer to:

Complete Environmental Assessment

<https://www.peelregion.ca/pw/water/environ-assess/east-west-wastewater-diversion-strategy.htm>

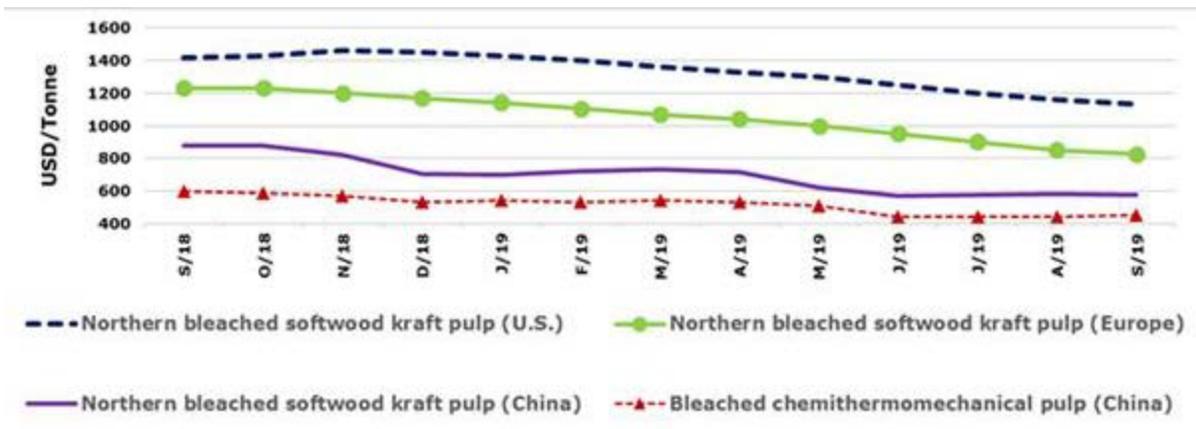
Contract Costs Appendix

<https://www.peelregion.ca/pw/water/environ-assess/ewwds/appendix/vol1/vol-1-h.pdf>

Combining sewage plant and pipeline costs, we estimate, based on these recent examples, the replacement ETF cost to total \$500 million.

## **8. PULP PRICES AND PROFITABILITY ESTIMATES FOR PE-NPNS: CAN PE REMAIN COMPETITIVE?**

2019 Northern Bleached Softwood Kraft Prices. U.S. Dollars per Metric Tonne



From: <https://www.nrcan.gc.ca/our-natural-resources/domestic-international-markets/current-lumber-pulp-panel-prices/13309>

“Today, Northern produces approximately 300,000 tonnes annually of NBSK pulp which is sold around the world creating 339 fulltime, local jobs and another 2,050 indirect jobs for Nova Scotians. Northern Pulp Nova Scotia Corporation contributes over \$315 million into the economy annually and pays \$10 million in taxation.”

From [https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf\\_e170d9498b5544ad91decc67dda4fdc0.pdf](https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf_e170d9498b5544ad91decc67dda4fdc0.pdf)

In the US/Canadian market: From the above graph, the average \$US price per metric tonne for NBSK in 2019 would be about \$1250 ( $1250/0.75 =$ ) \$1667 CAD

Northern Pulp’s gross sales would be about ( $1667 * 300,000 =$ ) \$500 million CAD

Contributions to the community through direct and indirect salaries and material and services purchases plus taxes ( $315 + 10$ ) \$325 million CAD.

**Profit (500 – 325) \$175 Million.**

In the China market: From the above graph, the average \$US price per metric tonne for NBSK in 2019 would be about \$710 ( $=710/0.75 =$ ) \$947 CAD

Northern Pulp’s gross sales would be about ( $947 * 300,000 =$ ) \$284 million CAD

Contributions to the community through direct and indirect salaries and material and services purchases plus taxes ( $315 + 10$ ) \$325 million CAD.

**Loss (284 – 325) \$41 Million.**

Which scenario is correct, + \$175 million or – \$41 million, or somewhere in between? Paper Excellence states that it sells pulp mostly or exclusively to its related company Asia Pulp and Paper in Asia in order to avoid “price fluctuations”. If it were paid China commodity prices, Northern Pulp would have been operating at around a \$41 million loss in 2019. If so, it is seriously failing to meet its goal of maximum profitability, and, like many mill owners before it, very likely to be happy to shut the mill down. In addition, increasing supplies of low cost trees from poorly regulated sources in Asia, Africa and South America, along with cheaper, much faster growing species like Eucalyptus are driving prices down. This continues to make it difficult for North American mills, sustainably processing slow growing expensive species, to compete globally.

It is possible that NPNS receives an “all in the family” preferential price for its Canadian bleached kraft pulp. It is made into paper at the much lower labor and operating costs in very large APP mills

in Asia and is probably blended with low cost Asia sourced pulp at Asia commodity prices. Because of its substantial factory presence in Canada however, the paper can be sold into the North American market at prices near the bottom end of Northern American commodity price range to gain market share.

It therefore seems extremely important for the province to ascertain the true profits and financial sustainability of Northern Pulp Mill. Otherwise it may find itself spending \$300 - \$500 million to build a sewage treatment plant for a company that could go bankrupt and close in mid-construction.

## **9. LOWER COST, SUPERIOR FIBER BLENDS: HEMP-PAPER BENEFITS**

It is thought that the first identified hemp paper dates back to the early Chinese Han Dynasty, around 200-150 BC, although hemp had already been used for centuries as a source of food, fabric, and rope among other products. It remained a major source of high quality non-yellowing paper fiber until the 1930s when big synthetic textile companies and newspapers used lobbying powers to prohibit the cultivation of hemp in the United States. Hemp is now in resurgence as a result of the widespread production of medical CBD oil. Yet there will not be enough hemp plants available to replace all of our uses for trees. Blending of hemp and tree fibers can reduce the cost of pulp produced, reduce acreage given to fiber production, reduce atmospheric CO<sub>2</sub>, and reduce fiber growth time. Every pound of hemp pulp used to make paper products replaces one pound of tree pulp taken from forests. On average, hemp grows to its full size in about 120 days compared to trees that are harvested after seven to 30 years.

Until the last 30 years or so, tree harvesting for paper was non-sustainably carried out by clear-cutting mature forests without replanting. This is still practiced today in poorer areas of the world. It has been a major driver of deforestation, tropical and temperate woodland species extinction, and climate change.

*Hemp + Trees – how hemp can help solve the deforestation and climate change crises.*

- 1 acre of Hemp can produce as much paper as 4-10 acres of trees over a 20 year cycle.
- Hemp stalks grow in 4 months, whereas mature trees take 20-80 years.
- Hemp has higher concentration of cellulose than wood, the principal ingredient in paper.
- Trees are made up of only 30% cellulose, requiring the use of toxic chemicals to remove the other 70%. Hemp, on the other hand, can have up to 85% cellulose content.
- Hemp has lower lignin content than wood. Hemp contains 5-24% lignin whereas wood has 20-35%. This is advantageous as lignin must be removed from the pulp before it can be processed as paper.
- Hemp paper is more durable than trees. Hemp paper does not yellow, crack, or deteriorate like tree paper.

One example of a company now producing hemp-tree fiber blend papers is PureHemp Technology in Colorado <https://purehemptech.com/>. PureHemp, a vertically integrated industrial hemp processor, developed a new biorefining technology and operates their own hemp refinery that rapidly converts stalks into pulp and other usable co-products. Biorefining involves a continuous countercurrent reactor (CCR) technology that rapidly extracts the fundamental constituents of the stalks – the cellulose-rich pulp, lignin and xylose-rich sugars – to make different bio-based products for many industries. In addition to producing pulp for papermaking, the lignin co-product can be made into

bioplastics and chemicals and the xylose sugars into the healthy sugar, xylitol. PureHemp is the first company in the world to produce CBD tinctures from hemp flowers and then use hemp stalks to make boxes for its CBD-based products.

References:

<https://ministryofhemp.com/blog/hemp-paper/>

<https://www.canadianbiomassmagazine.ca/colorado-company-making-hemp-paper-packaging/>

## **10. NORTHERN PULP'S SUMMARY OF THE REPLACEMENT ETF PROJECT:**

From: [https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf\\_3dec0841536843849ee98651043f2e3b.pdf](https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf_3dec0841536843849ee98651043f2e3b.pdf)

The proposed treatment facility project will see the replacement of the existing plant with a state of the art wastewater treatment facility consisting of:

- A modern Activated Sludge Treatment (AST) system purchased from one of the leaders in treating Kraft pulp mill effluent. The system will consist of a Moving Bed Biofilm Reactor (MBBR) followed by conventional Activated Sludge (AS). The system has been designed to process 85,000 m<sup>3</sup>/day of effluent, well above Northern Pulp's average flow of 64,000 m<sup>3</sup>/day.
- Continuous monitoring of effluent pH, temperature and conductivity and operation of the treatment plant.
- A spill basin will be added to contain any spills in the event of an emergency such as a power failure.
- A 15 km High Density Polyethylene (HDPE) pipeline (chosen for its reliability) will be constructed to deliver the treated wastewater to the receiving water. Sections of the pipe will be fused together to eliminate mechanical joints and fittings.
- Leak detection of the pipe will be added to identify issues.
- Improvement in the manner in which the treated effluent is discharged; from a weir type discharge at the existing outlet to an engineered outfall diffuser further out into the Northumberland Strait.
- Water reduction projects that will reduce the effluent flow by 5000 m<sup>3</sup>/day in the summer period.

The treatment facility was originally owned and operated by the province. The facility is still owned by the province and is operated under lease agreement by Northern Pulp, Abercrombie Point

The province has contracted with a consultant, KSH Consulting, Montreal PQ, and they are proceeding with assessment, alternatives review and studies. The remediation of Boat Harbour is not included in this EA. This study is for the replacement of the ETF only.

The new ETF will employ the AnoxKaldnes BAS™ Biological Activated Sludge process purchased from Veolia Water Technologies, which combines Moving Bed Biofilm Reactor (MBBR) technology with conventional activated sludge. Once treated onsite at Northern Pulp's facility,

effluent will be sent through an approximately 15 km long pipeline. The pipeline will enter the south side of Pictou Harbour and make landfall on the north side of the harbour roughly following Highway 106 right-of-way to Caribou, and then re-enters the marine environment adjacent to the Northumberland Ferries marine terminal and continues for approximately 4.0 km through Caribou Harbour to the Northumberland Strait, terminating at an engineered marine outfall.

<https://www.veoliawatertechnologies.com/en/solutions/products/anoxkaldnes-bas>

Veolia's "pulp and paper" page talks about other systems for Kraft paper mills

<http://www.veoliawatertech.com/markets/pulp-and-paper/>

Between 1992 and 1997 NPNS made process improvements to the Mill and converted from (elemental) Chlorine to Chlorine Dioxide bleach delignification (ECF) to meet new federal and provincial pulp and paper effluent regulations. It significantly improved effluent quality that met, and continues to meet all applicable regulations. The Boat Harbour ETF that exists today operates within all federal and provincial regulations.

**NOTE:** PE did NOT own the Mill until 2011 and so did NOT bear the above upgrade costs.

In June 2014 there was a leak of untreated effluent due to a breach in the pipeline which led to the enactment of the Boat Harbour Act. The Boat Harbour Act requires that the use of the Boat Harbour ETF cease by January 31, 2020. It is the wish of Pictou Landing First Nation that Boat Harbour be returned to tidal and made a place that the community can once again enjoy.

*From: The Effluent Treatment System (ETF) at Boat Harbour*

<https://www.paperexcellence.com/effluent-treatment-facility>

**NOTE:** (PE owned) Northern Pulp did operate the Boat Harbour Effluent treatment plant when the pipeline breach occurred in 2014, triggering the Boat Harbour Act. The fact that the pipeline failure occurred in their hands suggests that they should NOT be entrusted with the operation of a far more complex new effluent treatment facility.

## **11. PAPER EXCELLENCE'S CORPORATE GOAL STATEMENTS:**

"Our promise is to constantly challenge the limit, and tirelessly strive for victory. We will be victorious when we become – and remain – the lowest cost, highest efficiency, and most profitable company in our business – through happy, committed and dynamic people." "The export market outlook for our products is favourable – notably in markets (e.g. China) in which we have unique expertise, in-depth knowledge, long term growth customers and positive relationships." "We are expanding rapidly to meet the needs of our customers. We supply 'purpose made' pulps: (a) at a price they can afford, and (b) at a price that competes with 'new world' plantation hardwood pulps."

## **“OUR VISION**

To be a profitable, sustainable and globally competitive fibre products supplier that is environmentally and economically beneficial to all stakeholders.

## **OUR MISSION**

Through innovation and adaptability, provide cellulose-based products at the lowest possible cost. We will constantly improve the global competitiveness of our customers, while enhancing the sustainability of our manufacturing operations and the well-being of the communities in which we operate.

**At Northern Pulp**, we strive for excellence in all that we do. We produce top quality household products ranging from tissue, paper towel and toilet paper to writing and photo copy paper.

Northern Pulp is a cornerstone of Nova Scotia’s forestry industry. We are proud to be an integral part of Pictou County since 1967. Our team consists of hundreds of direct, full-time employees, and our partnerships with local sawmills and forest contractors generates thousands of jobs province-wide bringing significant wealth for Nova Scotia’s economy.

We care about our province, its people and the environment. Northern Pulp responsibly manages hundreds of thousands of hectares of forest land as well as Nova Scotia’s largest tree nursery in Debert, which allows us to run a truly sustainable business.

Northern Pulp is committed to creating well-paying jobs for Nova Scotians, supporting the region’s economy, protecting the environment and the wellbeing of our rural communities. With 330 dedicated employees, we generate over \$200 million annually into the Nova Scotia economy.

A cornerstone business in rural Nova Scotia for almost 50 years, Northern Pulp has a solid plan that sees it continue to succeed in today’s global market and for decades to come.”

**From:** [@mcyork.com](mailto:@mcyork.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:50:03 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Can we let the pulp mill continue to clean things up and invest in the technology. We will need to have a working clean mill for future markets of our natural resources. Public outcry is not based in long term economic development. Maybe we NS could be an active and informed partner with Northern Pulp. Name: @mcyork.com Address:  
Municipality: Belle Cote Postal-Code: Fax: email\_message:  
Privacy-Statement: agree x: 52 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:53:35 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: After reading the report glad to hear that ice scouring wont be an issue. As a recreational fisherman I am glad to read that marine life will not be affected. Name: @gmail.com

Address: Municipality: Westville Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 58 y: 25

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp is killing us!  
**Date:** November 6, 2019 10:54:44 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Premier McNeil and other pertinent recipients,

I am writing to express my concern for the

1/deteriorating health of the people of Pictou County and environs, especially those who have lost their health due to exposure to carcinogens in the effluent from Northern Pulp and previous owners.

2/for the workers in an unhealthy industry run by an Indonesian billionaire with the blood of Indigenous Peoples on his hands as a result of his destruction of the Penan culture in Borneo and his illegal logging of the Borneo Rainforest. These workers deserve to get support to retrain for employment in a clean industry that the Nova Scotia government should encourage to set up in this region.

3/for the traditional and important fisheries and tourism industries, the former whose lobster fishing grounds are in the same region as this proposed pipe of toxic effluent and the latter which has not had a chance to grow because of the stench of Northern Pulp and the reputation of this pollution diminishing tourist traffic on this coast

4/for the forestry workers who need direction and support to bring back the Acadian Forest and develop markets for a sustainable use of this resource.

For all these reasons, I request that

- 1/ no extension to the boat harbour act be given
- 2/ no pipe to carry toxic waste be permitted in the Northumberland Strait

and, therefore,

I ask that Northern Pulp mill be shut down for all time and this region be supported to develop a healthy future for its next generations by accessing federal funding to develop the geothermal and offshore wind potentials of the Northumberland region including Cumberland and Colchester counties.

Sincerely,

New Germany NS

Sent from my iPad

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:55:24 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: So many people out there being told false information about the Mills effluent and they are judging the mill on old or false facts. We need the mill and its forestry jobs in our area. Boat harbor will be cleaned up but they need to work with the mill on proper time lines for the new effluent plant. If we all work together this can be done .We have owners that are willing to invest major money to keep Northern Pulp going . Sounds like a win for everyone involved .Steven Mac Neil will have to tell the people that Boat Harbor will be shut down But not until the new Effluent plant is running. The testing at Boat harbor wont be done for another year and that would give Northern Pulp almost enough time to complete their project. Lets get this project started so things can get back to normal. Name: Email:

@gmail.com Address: Municipality: NewGlasgow  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 58 y: 21

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:57:25 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am glad to see that there is science to back up the mills position that the environment will not be affected, marine life habitat and water temperature to name a copy. Name: Email:

@yahoo.com Address: Municipality: Trenton Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 54 y: 24

From: [@sympatico.ca](mailto:@sympatico.ca)  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 11:00:27 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp Proposed Replacement Effluent Treatment Facility Project Class 1 Environmental Assessment. A More Visionary Economic and Social Approach. Submitted on behalf of my grandchildren

Plymouth NS, . 5 November 2019. By

Ph.D. Biomedical Engineer, P.Eng. Ont. 1. PROBLEM SUMMARY: We calculate that the proposed replacement ETF will have a Northumberland Straight point source impact of a municipal secondary sewage plant serving a population of 220,000 people, 39 larger than the entire population of the Province of Prince Edward Island. Of the marine biosphere studies done on secondary treatment plants with such high percentage complex industrial chemical loading, all have revealed major negative outcomes for marine species. The once thriving commercial freshwater fisheries of Lakes Ontario, Erie and Michigan died out as such sewage plants encircled them early last century. The replacement ETF is an experiment with extremely high risk of loss to the fisheries. Has the Province made a commitment to monitor its experiment for at least 10 years at numerous up and downstream sampling sites, conducting comprehensive chemical toxicology, and population biology studies? Is the Province committed to monitoring and documenting the commercial losses, and to compensate the fishermen? Through historic agreements the Province is triply conflicted as the proponent/guarantor, financier/owner and environmental regulator of this replacement ETF. It has agreed to finance and provide wastewater discharge treatment facilities to NPNS and to hold NPNS harmless against the environmental damages of its discharges. Yet it delegates operational control of its facilities to NPNS, which makes monitoring and public disclosure difficult to guarantee. 2. ASIA PULP AND PAPER ALREADY RUNS A ZERO LIQUID DISCHARGE BLEACHED KRAFT MILL IN CHINA: A Zero Liquid Discharge Mill technology is the ONLY one that will satisfy all major interests in the Paper Excellence - Northern Pulp debate. This CAN be achieved through upgrade of the existing NPNS bleached kraft plant which is at the end of its service life. Paper Excellence knows it can work because its parent and intimate customer, Asia Pulp and Paper, has boasted in publications that it already operates the largest Zero Liquid Discharge Bleached Kraft Mill in the world on Hainan Island, China [ref.section 4]. It can also be achieved by conversion of the plant to a Zero Discharge BCTMP process like the Meadow Lake and Chetwynd plants which Paper Excellence already owns and operates in Saskatchewan and BC. With recent fiber blending techniques, BCTMP processes can produce pulp of equivalent strength and brightness to bleached softwood kraft [ref. section 5]. <https://www.pulpandpapercanada.com/bctmp-a-pulp-for-all-reasons-1000106738/> The Replacement ETF Study Addendum 1 shows that PE-NPNS has considered a partial process change toward BCTMP by installing Oxygen delignification. However, it would not make that investment until some indefinite time after the Replacement ETF is completed. Thus it will not run closed-loop in Canada although APP does run closed-loop in China. The high capital cost of new construction in Canada versus China, and long payback time are reasons Paper Excellence PE would rather close Northern Pulp NPNS than upgrade. PE's published business model in Canada is to buy up old, idle and bankrupt plants at the lowest cost, run them at full output continuously, and be the most profitable

company in the business. <https://www.workingforest.com/chetwynd-mill-restart-caps-company-buying-spree/> At latest count it has acquired 10 old mills in Canada in the past decade. Although it says it will "be here for a century" or "as long as the Asian market keeps emerging", like any past mill owner, if it does not profit it will shut down. And it has shut down mills during unprofitable periods. Even in the near term there is no guarantee the 50 year old Northern Pulp plant, using slow growing expensive Canadian softwoods, can continue to compete against the emerging cheaper mills and fast growing feed stocks of Asia. We foresee a very significant risk that PE will shut down NPNS in any case, and the proposed replacement ETF will be a total waste of money. Our estimate, based on comparable projects, is \$500 million and 5 years duration. That is \$885,000 to \$1,475,000 for every one of the 339 direct mill jobs [ref. section 7]. In 2019 numbers, the annual return on investment to the Province might be the stated \$10 million in direct NPNS corporate taxes plus about 25 tax es on the \$200 million that NPNS estimates it returns to the community, total \$60 million annually. That is 12 per annum and an investment recovery time of 8.3 years. This is not unreasonable, but only if NPNS actually remains profitable, in operation, there are no failures requiring repairs and environmental cleanups, and NPNS absorbs all operating costs.

3. POSITIVE VISION: A PROVINCE "NPNS JOINT VENTURE OPPORTUNITY There is a rapid global shift away from single use and non-biodegradable plastic products and packaging due to overwhelming plastic garbage contamination of land and ocean. Hence there is resurgent demand for paper, lignin biopolymers and cellulose bio-composite replacements for these, as well as 3D printed bio-scaffolds on the scale from antibacterial skin grafts to vehicles, homes and commercial buildings. Somewhat ironically, new co-polymers of lignin and cellulose from trees with chitosan and chitin from crab and lobster shells, make excellent low cost construction materials and molded parts. To access these higher value markets the Province-PE-NPNS joint venture would need to 1 transition from pulp only to both pulp and paper, 2 identify the most lucrative new paper markets to enter, 3 contract with Canada's leading edge university and commercial groups in paper and composites research, 4 capitalize on the lower cost and higher efficiency of the growing abundance of hemp fiber blends ~5 times more fiber/acre than trees, ~70 cellulose vs 30 for trees, ~10 lignin vs 25 for trees [ref. section 9], and 5 raise the capital to modernize to a Zero Liquid Discharge pulp AND paper plant. This may take a Provincial investment of \$2 billion, but would generate a more robust diversified industry complex, a center of excellence and new product development for the forestry sector, and higher technology JOBS. If only 192 new jobs are derived then this is a better deal. This Positive Vision, we believe, is worth the province's time and money rather than a high risk sewage plant and pipeline which will perpetually anger and divide the community's Pictou Landing First Nation, foresters, fishermen, and citizen environmentalists. PE-NPNS has the opportunity to amend its economic model for the sake of community harmony and mutual economic benefit. It has the opportunity to step up and be the core company of a group of RD, new technology paper and biopolymer materials companies that share the use of the Zero Liquid Discharge treatment plant. The Province has the opportunity to spread its capital risk over more companies and larger tax base with less dependence on the single commodity, pulp. It has the opportunity to closely engage its universities in solving these vital industrial technical problems and to create lasting high technology jobs for graduates.

STEP 1: Provincial Ministries of Environment and Industry and consultants will visit APP Hainan Island, China on a fact finding mission to thoroughly ascertain the validity of its claim to operate a Zero Liquid Discharge Bleached Kraft Pulp and Paper Mill. It is hoped that Jackson Widjaja will foster co-operation through his parental ties to APP. As much technology detail as possible will be acquired. Other such plants that are operating in the world should be sought out and visited as well. The Zero Liquid Discharge BCTMP mill at Meadow Lake SK should be visited to determine the detailed cost and process

technology changes required to convert NPNS to this closed loop BCTMP model. Reverse osmosis, key technology to water recycling and removal of small molecule toxins e.g., fish endocrine disruptors, will be in particular focus. There are many plants now operating with reverse osmosis RO water recovery including Irving Pulp and Paper in St. John NB. It added a Zenon Environmental Burlington ON RO system and 2 stage Oxygen delignification in 1998. Key technology people from these operations should be identified as potential consultants/employees. Detailed design and cost analysis to upgrade PE-NPNS to Zero Liquid Discharge running either bleached kraft or BCTMP process. STEP 2: Given that Zero Liquid Discharge ZLD operation is verified at APP Hainan Plant in China, the Province will commission a new ZLD design for the NPNS site. If it can be build and operated in China the same can be done in Canada. NPNS will agree to cede a parcel of its mill property sufficient to build the new paper plant and new technology business complex with contiguous road and right of way to public roads and transit. The province will seek an extension on NPNS's use of the existing Boat Harbor ETF and compensate Pictou First Nation through agreeable fines and incentives for the duration of the rebuild process. STEP 3: The Province will acquire a small publicly listed company at least expense and hire experienced and successful paper and polymer executive management. This company let us call it Abercrombie Innoventures Inc. or AI will raise the project money through provincial and federal infrastructure development grants and loans, venture capital, the sale of shares, federal RD grants and other instruments available. AI will recruit related companies to submit expressions of interest and letters of intent to lease space in the new technology complex. PE-NPNS may or may not bid to build the new paper plant at its discretion and its expense. If not, other paper companies, like Irving, will be invited to build the new paper and advanced composite materials plants in partnership with AI. STEP 4: AI finalizes the design of the new ZLD pulp and paper and innovation complex, construction permits are obtained and construction commences. AI continues to recruit new clean technology companies, lease space, attract investment and promote the venture. Validation of mill zero discharge objectives are being met is obtained, operating permits are granted, occupation and operation of the mills begins. Realistically this may take 6 years. The NPNS mill will be closed during this time. Mill workers may be employed in the rebuild of the ZLD plant. PE-NPNS will not be compensated for business losses during this time. They are essentially being given a new mill free at public expense. BACKGROUND RESEARCH and ANALYSIS with REFERENCES 4. IT IS A QUESTION OF MONEY. APP ALREADY OPERATES A ZERO DISCHARGE MILL IN HAINAN CHINA: Paper Excellence PE, related to the large Indonesia-based multinational Asia Pulp and Paper through both family ownership and voluminous interdivisional pulp trade, took ownership of NPNS in 2011. From: <https://www.pulpandpapercanada.com/acquisitions-continue-paper-excellence-buys-northern-pulp-nova-scotia-1000406631/> and [https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf\\_3dec0841536843849ee98651043f2e3b.pdf](https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf_3dec0841536843849ee98651043f2e3b.pdf) In her "OP-ED COLUMN: Closed loop?" not a question of money but of technology", The News, Nov 21, 2017, Kathy Cloutier, Director of Communications for Paper Excellence Canada, appears to discharge classic corporate disinformation. She stated "As confirmed by expert consultants, a zero-effluent bleached kraft mill does not exist at this time". Astonishing given that PE's owner Jackson Widjaja is the son of Asia Pulp and Paper APP owner Teguh Widjaja which claims to operate the largest Zero Liquid Discharge Bleached Kraft Pulp and Paper plant in the world on Hainan Island in China. PE also owns Meadow Lake and Chetwynd BCTMP Zero Discharge Pulp mills in Saskatchewan and BC. Please refer to: Wood pulp and paper: Water reuse drives Chinese paper mill - Filtration Separation <https://www.filtsep.com/pulp-and-paper/features/wood-pulp-and-paper-water-reuse-drives-chinese/> Jiangsu Jiuwu runs paper pulp industry's largest zero-liquid discharge project - Filtration Separation <https://www.filtsep.com/pulp-and-paper/news/jiangsu-jiuwu-runs-paper->

pulp-industrys-largest/ A key to complete water recovery and Zero Liquid Discharge in the Hainan mill is the ceramic reverse osmosis membrane technology provided by Jiangsu Jiuwu Hitech a membrane filtration technology company based in Nanjing, China.

<https://www.jiuwumembrane.com/company-profile/> Briefly summarizing, membranes made of ceramic and polymer materials can separate water from dissolved salts e.g., sodium chloride in sea water, desalination by reverse osmosis, small dissolved organic molecules, bacterial, viral and particulate contaminants wood fiber. The technology is widely used in food and beverage, and biopharmaceutical purification, and has been deployed in Asia, particularly India, for pulp mill water recovery/recycling. The project by Jiangsu Jiuwu Hitech Co., Ltd is located in Oji Paper Co., Ltd. in China. Oji Paper Co. is owned by Asia Pulp and Paper Company. 40000m<sup>3</sup> of papermaking and pulp wastewater go through the system each day. The main systems include ozone-coupled biofiltering removing COD, the integrated membrane system of ultrafiltration and reverse osmosis, electro dialysis EDR concentration system and MVR evaporation crystallization. The clean water is supplied to the power plant desalination system and the production water system. Waste salt is supplied to the Transportation Bureau to use as snowmelt agent and chemical raw materials. The treated water is then reused, or supplied to an on-site fish aquaculture project. The fish are very sensitive sentinels of endocrine disruptors, and any other biohazard in the waste water treatment process. Similar RO systems are operating in Canada. Irving Pulp and Paper installed a reverse osmosis system developed by Zenon Environmental Burlington, ON and found that it not only achieved the required water recovery but reduced endocrine disrupting substance small molecules discharge as a side benefit. Please refer to: Solutions To Damaging Mill Effluents. February 1 2006. <https://www.pulpandpapercanada.com/solutions-to-damaging-mill-effluents-1000201803/> Irving captures NSERC award. October 26 2005. <https://www.pulpandpapercanada.com/irving-captures-nserc-award-1000045169/> 5. PE-NPNS MIGHT CONVERT TO OXYGEN DELIGNIFICATION BUT WOULD NOT RUN CLOSED-LOOP Conversion of the Mill from bleached kraft to a BCTMP Mill capable of Zero Liquid Discharge or even a partial oxygen/hydrogen peroxide delignification system that would reduce effluent impact very substantially. However PE-NPNS has put off indefinitely what it perceives as an onerous capital expenditure, and certainly until after the new ETF has been completed. To quote the Replacement ETF Study addendum 1 - The environmental benefits of Oxygen Delignification are as follows: Reduced chlorine dioxide bleaching chemicals by 30 - 40, with a corresponding reduction in effluent organic loading and chlorinated compounds Reduced effluent color Reduced wood losses Increased recovery of lignin to the liquor cycle, with a resulting reduction in the mill's carbon footprint Reduced energy consumption by reducing aeration requirements in the new ETF, with a resulting reduction in the mill's carbon footprint and Reduced nutrient addition in the new ETF. The Oxygen Delignification Project has been studied at NPNS. In 2017 NPNS conducted a preliminary engineering study to determine how the project would be integrated into the existing mill processes and developed a high-level cost estimate of the project. As outlined in Section 2.4, the future Oxygen Delignification system was considered in the design of the ETF and will be managed as a separate project to be undertaken after the ETF project is completed. This project is a significant capital expenditure for the mill and an implementation schedule has not been determined at this time.

[https://www.novascotia.ca/nse/ea/Replacement\\_Effluent\\_Treatment\\_Facility\\_Project/focus-report/Addendum202.020-20Effluent20Discharge20Parameters.pdf](https://www.novascotia.ca/nse/ea/Replacement_Effluent_Treatment_Facility_Project/focus-report/Addendum202.020-20Effluent20Discharge20Parameters.pdf) From this alone we infer that PE would not pay the much higher costs for a complete upgrade of its bleached kraft process, or a complete conversion to BCTMP meeting Zero Liquid Discharge standards. 6. EXAMPLES OF NEW PAPER AND COMPOSITE TECHNOLOGIES We have personal experience in the synthesis of copolymer conjugates of cellulose, alginate, agarose,

gelatin/collagen, and chitin/chitosan. All are abundant and cheap industrial waste materials from agri-food, forest, and fisheries. Cellulose and lignin from forestry, pulp and paper production, and Chitin from shrimp, crab and lobster processing are the number 1 and number 2 most abundant bio-polymeric materials on Earth. All are biodegradable by natural fungi and bacteria into compost that enriches and stabilizes farm and forest soils. The global crisis in accumulating non-biodegradable petro-chemically derived plastic garbage is forcing a rapid shift back to these types of bio-polymers for biodegradable products and packaging. There are hundreds of examples in the bio-engineering research literature of their development as scaffolds in replacement skin, pancreas, heart, brain, muscle, liver, kidney and other organs. These are small volume, but extremely high value products, but they cannot utilize the millions of tonnes of such waste. Here we give just a few examples of the kind of development that can utilize and make high value products from such volumes. Å Carlsberg working towards world's first bio-based paper beer bottle

<https://www.canadianbiomassmagazine.ca/carlsberg-working-towards-worlds-first-bio-based-paper-beer-bottle/> McGill researchers use lobster shells to make biodegradable plastic

<https://www.cbc.ca/news/canada/montreal/mcgill-researchers-use-lobster-shells-to-make-biodegradable-plastic-1.4920820> Jingjing Li, Jian Li, Dejun Feng, Jingfeng Zhao, Jingrong Sun, and Dagang Li Comparative Study on Properties of Polylactic Acid Nanocomposites with Cellulose and Chitin Nanofibers Extracted from Different Raw Materials *Journal of Nanomaterials*, Volume 2017, Article ID 7193263 <https://doi.org/10.1155/2017/7193263>

Meghann Rosewald, Fang Yao Stephen Hou, Tamutsiwa Mututuvari, April L. Harkins, and Chieu D. Tran Cellulose-Chitosan-Keratin Composite Materials: Synthesis, Immunological and Antibacterial Properties *ECS Trans.* 2014 644: 499-505. doi: 10.1149/06404.0499ecst

Chieu D. Tran, Simon Duri, Ambra Delneri, and Mladen Franko CHITOSAN-CELLULOSE COMPOSITE MATERIALS: PREPARATION, CHARACTERIZATION AND APPLICATION FOR REMOVAL OF MICROCYSTIN *J Hazard Mater.* 2013 May 15 0: 355-366. Published online 2013 Mar 14. doi: 10.1016/j.jhazmat.2013.02.046 Naresh D.

Sanandhiya, Yadunund Vijay, Marina Dimopoulou, Stylianos Dritsas Javier G. Fernandez Large-scale additive manufacturing with bioinspired cellulosic materials *Sci Rep* 8, 8642 2018. <https://doi.org/10.1038/s41598-018-26985-2> Wood waste and crab shells may find use in compostable food wrap <https://newatlas.com/cellulose-chitin-food-wrap/55579/> Paper-Based 3D Printing Saves on Costs, Cuts Environmental Concerns for Automotive

Manufacture <https://3dprint.com/154348/a-few-questions-for-mcor/> Japan proposes wooden cars made of plant-based cellulose nanofibers <https://newatlas.com/automotive/cnf-cellulose-nanofibers-wooden-car/> The growing present and future applications of lobster shells

<https://www.sciencedirect.com/science/article/pii/S0079670017301958> Premium speaker range sports zero waste, paper housing, eco-friendly design <https://newatlas.com/home-entertainment/zero-premium-speakers-flare-audio/> Wu Lan, Jeremy S. Luterbacher A Road to

Profitability from Lignin via the Production of Bioactive Molecules *ACS Cent. Sci.* 2019, 5, 10, 1642-1644. <https://doi.org/10.1021/acscentsci.9b00954> Yun-Yan Wang, Charles E.

Wyman, Charles M. Cai, Arthur J. Ragauskas Lignin-Based Polyurethanes from Unmodified Kraft Lignin Fractionated by Sequential Precipitation *ACS Appl. Polym. Mater.* 2019, 1, 7, 1672-1679. <https://doi.org/10.1021/acsapm.9b00228> Improved FDM 3D Printing with Lignin Biocomposites <https://3dprint.com/256007/improved-fdm-3d-printing-lignin-biocomposites/>

For numerous other advances in paper and bio-polymeric materials products please see:

<https://www.canadianbiomassmagazine.ca/topic/bio-products/biochemicals/> 7. COST AND TIME ESTIMATES FOR THE REPLACEMENT ETF BASED ON PAST PROJECTS: 7.1

Secondary Sewage Plant with Rotating Bio-Reactor and Activate Sludge In 2005 Barrie began a wastewater plant upgrade to an activated sludge secondary treatment plant with rotating biological contactors and anaerobic tank microbial digestion additions, biogas recovery for

power electrical power cogeneration, and UV disinfection of water prior to release into the sensitive recreational and sport fishing environment of Lake Simcoe. Barrie Population 2011, 135,711. City combined domestic and commercial/industrial wastewater flow 52 million liters/day. Project time, 2005 to 2011, 6 years. Cost \$87.9 million. Barrie wastewater case study. <https://fcm.ca/en/resources/gmf/case-study-how-barries-new-wastewater-plant-improves-capacity-and-efficiency> Like the replacement ETF, the Barrie plant did not have water recovery or zero discharge technologies. Being of mixed domestic and commercial wastewater, however, it had a much lower industrial chemical load to reduce to safe effluent than the proposed Northern Pulp plant e.g., NaOH, CaOH<sub>2</sub>, CaCO<sub>3</sub>, lignin, organochlorines, pyrans, furans, crude pulp fiber. The cost of additional pretreatment stages to control pH, temperature, solids, and so on, before input to the membrane biofilter digestion stage will add substantial cost to the Northern Pulp plant. A 15 km secure/ruggedized overland and sub-ocean waste discharge pipe is yet another costly feature that Barrie did not require as it is on the immediate shoreline of Lake Simcoe. The design effluent volume is 85,000 cubic meters per day 85,000,000 liters per day. That is  $85,000,000/52,000,000 = 1.635$  times as big, equivalent to municipal sewage volume for Barrie's 2011 population of 135,711  $\times 1.635 = 221,888$  people. Comparing this with the population of Prince Edward Island in 2019 159,878 the sewage outfall from this one Northern Pulp plant will be 39 bigger than the secondary sewage flow of the entire population of Prince Edward Island. In capital cost for just the secondary sewage plant, if scaling linearly then, the expected cost is \$143.7 million in 2011 dollars. Assuming that the Northern Pulp plant project will take at least 6 years, as did the Barrie project, the plant will be done in 2026. Also assuming an inflation rate of 2.5/annum between 2011 and 2026 the inflation adjusted  $1.448 \times$  cost will be \$208 million. The pretreatment stages aforementioned will probably add 25 to the cost. That brings the final total to  $1.25 \times 208,000,000 = \$260$  million for the sewage plant alone.

### 7.2 Fifteen Kilometer Submarine and Roadside Easement Pipe with 85 Million Liters per Day Capacity

The proposed replacement ETF 15 kilometer effluent pipe is to traverse under the ocean and immediately alongside a highway. It should be remembered that NPNS was responsible for the operation of the raw sewage pipeline when it ruptured and triggered the Boat Harbour Act. Pipeline ruptures are frequent, costly and devastating environmentally. In fact, at the time of writing November 1, 2019, the Keystone oil pipeline through Northern Dakota has ruptured spilling 1.4 million liters of oil. The proposed pipeline is to be of welded high density polyethylene, perhaps satisfactorily corrosion resistant, but more brittle at low subzero temperatures. Its coefficient of expansion was not specified, so it may buckle and break at weakened welds. Further, it is susceptible to accidental breaches by dredging, sinking vessels in the marine area, and cars and transports vaulting off the highway on land. The Region of Peel, Ontario, recently detailed the costs of constructing an underground East-West sewer trunk interconnect of 14 km carrying approximately the same sewage flow per day. The total cost was \$240,174,000 in 2015. This is less susceptible to collisions but equally susceptible to undermining by water courses, careless excavation by contractors, and geological faults. Please refer to: Complete Environmental Assessment <https://www.peelregion.ca/pw/water/environ-assess/east-west-wastewater-diversion-strategy.htm> Contract Costs Appendix <https://www.peelregion.ca/pw/water/environ-assess/ewwds/appendix/vol1/vol-1-h.pdf> Combining sewage plant and pipeline costs, we estimate, based on these recent examples, the replacement ETF cost to total \$500 million.

### 8. PULP PRICES AND PROFITABILITY ESTIMATES FOR PE-NPNS: CAN PE REMAIN COMPETITIVE? 2019 Northern Bleached Softwood Kraft Prices. U.S. Dollars per Metric Tonne

From: <https://www.nrcan.gc.ca/our-natural-resources/domestic-international-markets/current-lumber-pulp-panel-prices/13309> Today, Northern produces approximately 300,000 tonnes annually of NBSK pulp which is sold around the world creating 339 fulltime,

local jobs and another 2,050 indirect jobs for Nova Scotians. Northern Pulp Nova Scotia Corporation contributes over \$315 million into the economy annually and pays \$10 million in taxation. From [https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf\\_e170d9498b5544ad91decc67dda4fdc0.pdf](https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf_e170d9498b5544ad91decc67dda4fdc0.pdf) In the US/Canadian market: From the above graph, the average \$US price per metric tonne for NBSK in 2019 would be about \$1250  $1250/0.75 = \$1667$  CAD Northern Pulp's gross sales would be about  $1667 * 300,000 = \$500$  million CAD Contributions to the community through direct and indirect salaries and material and services purchases plus taxes 315 10 \$325 million CAD. Profit 500 - 325 \$175 Million. In the China market: From the above graph, the average \$US price per metric tonne for NBSK in 2019 would be about \$710  $=710/0.75 = \$947$  CAD Northern Pulp's gross sales would be about  $947 * 300,000 = \$284$  million CAD Contributions to the community through direct and indirect salaries and material and services purchases plus taxes 315 10 \$325 million CAD. Loss 284 - 325 \$41 Million. Which scenario is correct, \$175 million or \$41 million, or somewhere in between? Paper Excellence states that it sells pulp mostly or exclusively to its related company Asia Pulp and Paper in Asia in order to avoid price fluctuations. If it were paid China commodity prices, Northern Pulp would have been operating at around a \$41 million loss in 2019. If so, it is seriously failing to meet its goal of maximum profitability, and, like many mill owners before it, very likely to be happy to shut the mill down. In addition, increasing supplies of low cost trees from poorly regulated sources in Asia, Africa and South America, along with cheaper, much faster growing species like Eucalyptus are driving prices down. This continues to make it difficult for North American mills, sustainably processing slow growing expensive species, to compete globally. It is possible that NPNS receives an "oall in the family" preferential price for its Canadian bleached kraft pulp. It is made into paper at the much lower labor and operating costs in very large APP mills in Asia and is probably blended with low cost Asia sourced pulp at Asia commodity prices. Because of its substantial factory presence in Canada however, the paper can be sold into the North American market at prices near the bottom end of Northern American commodity price range to gain market share. It therefore seems extremely important for the province to ascertain the true profits and financial sustainability of Northern Pulp Mill. Otherwise it may find itself spending \$300 - \$500 million to build a sewage treatment plant for a company that could go bankrupt and close in mid-construction.

**9. LOWER COST, SUPERIOR FIBER BLENDS: HEMP-PAPER BENEFITS** It is thought that the first identified hemp paper dates back to the early Chinese Han Dynasty, around 200-150 BC, although hemp had already been used for centuries as a source of food, fabric, and rope among other products. It remained a major source of high quality non-yellowing paper fiber until the 1930s when big synthetic textile companies and newspapers used lobbying powers to prohibit the cultivation of hemp in the United States. Hemp is now in resurgence as a result of the widespread production of medical CBD oil. Yet there will not be enough hemp plants available to replace all of our uses for trees. Blending of hemp and tree fibers can reduce the cost of pulp produced, reduce acreage given to fiber production, reduce atmospheric CO2, and reduce fiber growth time. Every pound of hemp pulp used to make paper products replaces one pound of tree pulp taken from forests. On average, hemp grows to its full size in about 120 days compared to trees that are harvested after seven to 30 years. Until the last 30 years or so, tree harvesting for paper was non-sustainably carried out by clear-cutting mature forests without replanting. This is still practiced today in poorer areas of the world. It has been a major driver of deforestation, tropical and temperate woodland species extinction, and climate change. Hemp Trees - how hemp can help solve the deforestation and climate change crises. 1 acre of Hemp can produce as much paper as 4-10 acres of trees over a 20 year cycle. Hemp stalks grow in 4 months, whereas mature trees take 20-80 years. Hemp has higher concentration of cellulose than wood, the principal ingredient

in paper. Trees are made up of only 30 cellulose, requiring the use of toxic chemicals to remove the other 70. Hemp, on the other hand, can have up to 85 cellulose content. Hemp has lower lignin content than wood. Hemp contains 5-24 lignin whereas wood has 20-35. This is advantageous as lignin must be removed from the pulp before it can be processed as paper. Hemp paper is more durable than trees. Hemp paper does not yellow, crack, or deteriorate like tree paper. One example of a company now producing hemp-tree fiber blend papers is PureHemp Technology in Colorado <https://purehemptech.com/>. PureHemp, a vertically integrated industrial hemp processor, developed a new biorefining technology and operates their own hemp refinery that rapidly converts stalks into pulp and other usable co-products. Biorefining involves a continuous countercurrent reactor CCR technology that rapidly extracts the fundamental constituents of the stalks – the cellulose-rich pulp, lignin and xylose-rich sugars – to make different bio-based products for many industries. In addition to producing pulp for papermaking, the lignin co-product can be made into bioplastics and chemicals and the xylose sugars into the healthy sugar, xylitol. PureHemp is the first company in the world to produce CBD tinctures from hemp flowers and then use hemp stalks to make boxes for its CBD-based products. References: <https://ministryofhemp.com/blog/hemp-paper/>  
<https://www.canadianbiomassmagazine.ca/colorado-company-making-hemp-paper-packaging/>

10. NORTHERN PULP’S SUMMARY OF THE REPLACEMENT ETF PROJECT: From: [https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf\\_3dec0841536843849ee98651043f2e3b.pdf](https://785be6fc-88cc-492e-a39a-65e3df82c0ef.filesusr.com/ugd/7a1cbf_3dec0841536843849ee98651043f2e3b.pdf) The proposed treatment facility project will see the replacement of the existing plant with a state of the art wastewater treatment facility consisting of:

- A modern Activated Sludge Treatment AST system purchased from one of the leaders in treating Kraft pulp mill effluent. The system will consist of a Moving Bed Biofilm Reactor MBBR followed by conventional Activated Sludge AS. The system has been designed to process 85,000 m<sup>3</sup>/day of effluent, well above Northern Pulp’s average flow of 64,000 m<sup>3</sup>/day.
- Continuous monitoring of effluent pH, temperature and conductivity and operation of the treatment plant.
- A spill basin will be added to contain any spills in the event of an emergency such as a power failure.
- A 15 km High Density Polyethylene HDPE pipeline chosen for its reliability will be constructed to deliver the treated wastewater to the receiving water. Sections of the pipe will be fused together to eliminate mechanical joints and fittings.
- Leak detection of the pipe will be added to identify issues.
- Improvement in the manner in which the treated effluent is discharged from a weir type discharge at the existing outlet to an engineered outfall diffuser further out into the Northumberland Strait.
- Water reduction projects that will reduce the effluent flow by 5000 m<sup>3</sup>/day in the summer period. The treatment facility was originally owned and operated by the province. The facility is still owned by the province and is operated under lease agreement by Northern Pulp, Abercrombie Point. The province has contracted with a consultant, KSH Consulting, Montreal PQ, and they are proceeding with assessment, alternatives review and studies. The remediation of Boat Harbour is not included in this EA. This study is for the replacement of the ETF only. The new ETF will employ the AnoxKaldnes BAS – Biological Activated Sludge process purchased from Veolia Water Technologies, which combines Moving Bed Biofilm Reactor MBBR technology with conventional activated sludge. Once treated onsite at Northern Pulp’s facility, effluent will be sent through an approximately 15 km long pipeline. The pipeline will enter the south side of Pictou Harbour and make landfall on the north side of the harbour roughly following Highway 106 right-of-way to Caribou, and then re-enters the marine environment adjacent to the Northumberland Ferries marine terminal and continues for approximately 4.0 km through Caribou Harbour to the Northumberland Strait, terminating at an engineered marine outfall. <https://www.veoliawatertechnologies.com/en/solutions/products/anoxkaldnes-bas> Veolia’s pulp and paper page talks about other systems for Kraft paper mills

<http://www.veoliawatertech.com/markets/pulp-and-paper/> Between 1992 and 1997 NPNS made process improvements to the Mill and converted from elemental Chlorine to Chlorine Dioxide bleach delignification ECF to meet new federal and provincial pulp and paper effluent regulations. In significantly improved effluent quality that met, and continues to meet all applicable regulations. The Boat Harbour ETF that exists today operates within all federal and provincial regulations. NOTE: PE did NOT own the Mill until 2011 and so did NOT bear the above upgrade costs. In June 2014 there was a leak of untreated effluent due to a breach in the pipeline which led to the enactment of the Boat Harbour Act. The Boat Harbour Act requires that the use of the Boat Harbour ETF cease by January 31, 2020. It is the wish of Pictou Landing First Nation that Boat Harbour be returned to tidal and made a place that the community can once again enjoy. From: The Effluent Treatment System ETF at Boat Harbour <https://www.paperexcellence.com/effluent-treatment-facility> NOTE: PE owned Northern Pulp did operate the Boat Harbour Effluent treatment plant when the pipeline breach occurred in 2014, triggering the Boat Harbour Act. The fact that the pipeline failure occurred in their hands suggests that they should NOT be entrusted with the operation of a far more complex new effluent treatment facility.

11. PAPER EXCELLENCE'S CORPORATE GOAL STATEMENTS: "Our promise is to constantly challenge the limit, and tirelessly strive for victory. We will be victorious when we become " and remain " the lowest cost, highest efficiency, and most profitable company in our business " through happy, committed and dynamic people. " "The export market outlook for our products is favourable " notably in markets e.g. China in which we have unique expertise, in-depth knowledge, long term growth customers and positive relationships. " "We are expanding rapidly to meet the needs of our customers. We supply "purpose made" pulps: a at a price they can afford, and b at a price that competes with "new world" plantation hardwood pulps. " "OUR VISION To be a profitable, sustainable and globally competitive fibre products supplier that is environmentally and economically beneficial to all stakeholders. OUR MISSION Through innovation and adaptability, provide cellulose-based products at the lowest possible cost. We will constantly improve the global competitiveness of our customers, while enhancing the sustainability of our manufacturing operations and the well-being of the communities in which we operate. At Northern Pulp, we strive for excellence in all that we do. We produce top quality household products ranging from tissue, paper towel and toilet paper to writing and photo copy paper. Northern Pulp is a cornerstone of Nova Scotia's forestry industry. We are proud to be an integral part of Pictou County since 1967. Our team consists of hundreds of direct, full-time employees, and our partnerships with local sawmills and forest contractors generates thousands of jobs province-wide bringing significant wealth for Nova Scotia's economy. We care about our province, its people and the environment. Northern Pulp responsibly manages hundreds of thousands of hectares of forest land as well as Nova Scotia's largest tree nursery in Debert, which allows us to run a truly sustainable business. Northern Pulp is committed to creating well-paying jobs for Nova Scotians, supporting the region's economy, protecting the environment and the wellbeing of our rural communities. With 330 dedicated employees, we generate over \$200 million annually into the Nova Scotia economy. A cornerstone business in rural Nova Scotia for almost 50 years, Northern Pulp has a solid plan that sees it continue to succeed in today's global market and for decades to come."

Name: @sympatico.ca Address: Municipality: Toronto Postal-Code: Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 51 y: 29

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:03:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think this is a very good project for a few reasons. It is taking a approx. 50 system that is in a bad location and updating it with todays technologies. This is the type of thing we want to see NS companies doing. Also the effluent will be treated on site and discharged out of new state of the art pipe. This reduces the chance of spills to almost nothing. and one last thing the effluent when discharges goes to back ground conditions within 2 to 3 meters no risk to fisheries. Name:

Email: @ns.sympatico.ca Address:

Municipality: St Andrews Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 78 y: 26

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:12:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: After reading the focus report I feel the science proves that there will be no harm done to the environment with

Northern Pulps Wastewater treatment plant. Name:

Email:

@outlook.com Address:

Municipality: Springville

Postal-Code:

Fax: ### ### - #### email\_message: Privacy-

Statement: agree x: 47 y: 26

**From:** @seasidehighspeed.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:13:23 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: after reading some literature on their proposal, i think northern pulp has put enough science and money to be able to continue running with the least negative impact on the environment yet. With its closure, the impact on so many people will be devastating. this is a no brainer. Name: Email: @seasidehighspeed.com Address: Municipality: greenfield Postal-Code: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 65 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:18:35 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think the public needs more information to properly make up their minds. I am all for the Mill if the science support. We need Industry here in Pictou count. Dont chase a good company awa! Give an extension if needed. Name: @hotmail.com Address:

Municipality: New Glasgow Postal-Code: Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 53 y: 9

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:23:17 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If science proves that this project wont affect the environment and the water quality than I beleive the mill should be allowed the time to build their new waste water treatment plant. Name:

Email: @gmail.com Address: Municipality: Stellaton  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 58 y: 24

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:24:56 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe an extension for the project must be approved for the economical health of Nova Scotia. I believe Northern Pulp has provided the studies and information needed to prove why their plan is the best and now they need to be given the time to build this modern state of the art facility. As a resident of the south shore of N.S, this end of the province as well as all of N.S depends heavily on the forest industry and we cannot handle another blow to this area like what happened when we lost both Bowater mills. We still haven't recovered from that and anything that may cause Northern Pulp to close would be devastating to all of N.S as so much of our economy, especially rural N.S depends on this industry. I hope the Nova Scotia Government and Northern Pulp can come to an agreement to approve this facility for all of Nova Scotia's sake.

Name: @outlook.com Address:

Municipality: Chelsea Postal-Code:

Fax: ### ## - ###

email\_message: Privacy-Statement: agree x: 83 y: 18

**From:** @jdirving.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:29:09 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not think this will effect environment after reading all studys this is the best solution. Name:

@jdirving.com Address: Municipality: Truro Postal-

Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 57 y: 26

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:38:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: - Choose - Comments: I am against effluent from Northern Pulp being pumped into the Northumberland Strait . Name: @eastlink.ca Address:

., Municipality: Halifax Postal-Code: Phone: ### ### -

##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 51 y: 33

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:40:11 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: According to the focus report everything is science based supporting the mills project. I was happy to read that there will no ice scouring and sea life will not be affected. Name: Email:  
@gmail.com Address: Municipality: Westville Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 53 y: 23

**From:** [@wagnerforest.com](mailto:@wagnerforest.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:43:25 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing to ask that the Minister of Environment approve the environmental assessment for Northern Pulps new effluent treatment system. -Third part experts have determined that water quality within 5 meters from the diffuser will meet Canadian marine guidelines. - Within 5 meters of the diffuser, the temperature is within 1 degree celsius of normal water temperature. - Aerial photography show the diffuser is located over 1000 meters km from current fishing grounds, in the path of the ferry from Caribou to PEI. - Aerial photography also shows that current lobster traps are within 500 meters of outfall at Boat Harbour. fisherman continue to catch lobster here. I am convinced by the scientific evidence that the new treatment plant will meet all current regulations and guidelines. Name: Email:

@wagnerforest.com Address:

Municipality: Truro Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree

x: 62 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:49:01 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Its all good Name:  
@gmail.com Address: Caledonia ns Municipality: Queens  
county Postal-Code: ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 62 y: 26

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** RE: Environmental Assessment - Northern Pulp Nova Scotia Corporation Replacement Effluent Treatment Facility Project, Pictou County, Nova Scotia  
**Date:** November 6, 2019 11:49:12 AM  
**Attachments:** [Environmental Assessment Branch and Minister Wilson.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Sir/Madam:

Please find enclosed correspondence from \_\_\_\_\_ in relation to the above-noted.

Thank you.

Regards,



195 Foord Street  
PO Box 849  
Stellarton, Nova Scotia  
B0K 1S0  
Ph: (902) 752-5143  
FAX: (902) 928-1299

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PO Box 849, 195 N Foord Street  
 Stellarton, Nova Scotia B0K 1S0  
 P: 902-752-5143 F: 902-928-1299

COVER

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 \_\_\_\_\_

# FAX

SHEET

To	Environmental Assessment Branch – Nova Scotia Environment
Fax #	902-424-6925
Subject	RE: Environmental Assessment - Northern Pulp Nova Scotia Corporation Replacement Effluent Treatment Facility Project, Pictou County, Nova Scotia
Date	Wednesday, 06 November 2019
From	

From the desk of  
 MacIsaac Clarke & Duffy  
 PO Box 849, 195 N Foord Street  
 Stellarton, NS B0K 1S0  
 Phone (902) 752-5143  
 Fax (902) 928-1299

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PO Box 849, 195 N Foord Street  
Stellarton, Nova Scotia B0K 1S0  
P: 902-752-5143 F: 902-928-1299

November 6<sup>th</sup>, 2019

Environmental Assessment Branch  
Nova Scotia Environment  
P.O. Box 442  
Halifax, NS, B3J 2P8  
Fax: (902) 424-6925

[EA@novascotia.ca](mailto:EA@novascotia.ca)

Honourable Gordon Wilson  
Department of Environment  
1894 Barrington Street, Suite 1800  
P.O. Box 442  
Halifax, NS  
B3J 2P8

[Minister.Environment@novascotia.ca](mailto:Minister.Environment@novascotia.ca)

**Re: Environmental Assessment - Northern Pulp Nova Scotia Corporation  
Replacement Effluent Treatment Facility Project, Pictou County, Nova Scotia**

Dear Sir or Madam and Minister Wilson:

Please be advised we continue to represent the Harbour Authority of Caribou (hereafter "the Authority"), Pictou County, Nova Scotia.

Located at the mouth of Caribou Harbour, the Authority operates the busiest fishing port in Northern Nova Scotia. It is a hub of fishing activity from April to early December. It is accessed via the 106 branch of the Trans-Canada Highway and is adjacent to the Northumberland Ferries terminal. The facility managed by the Authority is the 'heart' of the commercial fishing industry in northern mainland Nova Scotia. It is also the site of Northern Pulp Nova Scotia's (NPNS) proposed marine effluent pipeline and effluent outfall.

The Authority has again retained our firm to express its continuing concerns regarding Northern Pulp's Focus Report for the Replacement Effluent Treatment Facility Project.

The Authority's position continues to be that Northern Pulp's proposal fails to adequately address critical issues which could result in catastrophic damage to the rich fishing grounds of Caribou Harbour and beyond. On this basis, as detailed below, my client is calling on Minister Wilson to reject Northern Pulp's proposed replacement effluent treatment facility.

This submission will address the following issues of concern to the Authority and its patrons:

1. No leak detection for marine portions of effluent pipe
2. Leak repair to the marine pipe in Caribou Harbour would be virtually impossible in winter months
3. Risk of ice damage to marine pipe
4. Navigation issues
5. No confirmed marine pipe route in Caribou Harbour
6. No definitive plan for marine pipeline construction
7. Risk of siltation in the harbour during construction causing significant harm to marine life and to current users of the harbour
8. Timing of marine pipe trenching and installation conflicts with existing uses of the harbour
9. Effluent will enter Caribou Harbour with significant harmful effects
10. Errors of fact relating to fisheries and presence of fish.

**1. There is an absence of leak detection on the marine portions of the effluent pipe.**

TOR 3.5 requires Northern Pulp to "Provide viable options including the selected option for leak detection technologies and inspection methodologies ..." Northern Pulp has provided no plan for leak detection on the marine portions of the effluent pipeline. The leak detection systems outlined in Section 3.5 apply only to the on-land portion of the pipeline.

"A leak detection system as described below will be installed with the effluent pipeline **to monitor for potential leaks in the overland portion of the route between Pictou and Caribou ...**" (FR, Section 3.5, p. 62) (emphasis ours).

In response to questions submitted about potential damage and leaks to the marine pipe, the public is directed to "Refer to section 3.5 for comments concerning pipeline leak detection and enhanced pipeline protection options." (Appendix 1.1, pp. 10 and 18) However, there is absolutely no mention of any leak detection system for the marine portion of the pipe in section 3.5. The marine pipe is explicitly excluded. There is similarly no mention of leak detection in other sections, e.g. section 2.5, Changes to Pipeline, and Appendix 2.5, which address marine pipeline construction.

The absence of attention to leak detection in the marine pipe is a critical omission. Risk of leakage in the marine pipe has been and remains a significant public concern. A leak

anywhere along the route of the marine pipe inside Caribou Harbour would result in build-up of effluent in the harbour, with the likely result being catastrophic damage to the marine environment, including juvenile lobster in the Marine Refuge Scallop Buffer Zone 24 and a highly productive rock crab nursery, both of which are critical to the regional fisheries of the Northumberland Strait.

**Recommendation #1:** Northern Pulp has not fulfilled the requirement of TOR 3.5 in relation to the marine portion of the pipeline. The Minister cannot approve this project without evidence that the project provides the highest level of effluent leak prevention, detection and timely repair to prevent significant and irreparable harm to the marine environment.

**2. Leak repair to the marine pipe in winter months would be virtually impossible.**

Even if effective leak detection technology was planned, in the event a leak developed during the 3- 4 month period when the harbour is ice-covered (with from 1- 5 metres of ice) repair would be nearly impossible. Ice conditions in Caribou Harbour and the Northumberland Strait are so severe that the PEI ferry does not run in the winter, and all fishing boats are taken out of Caribou Harbour.

The question of whether and how timely a repair could be carried out if a leak in the marine pipe occurred during winter months was raised repeatedly in public submissions. Northern Pulp has not addressed this issue, except by saying that burying the pipe will provide sufficient protection from ice scour. Ignoring and failing to address a possible occurrence on the basis that in Northern Pulp's view the event will not occur is not acceptable.

**Recommendation #2:** The Minister cannot approve this project without evidence that the project provides the highest level of effluent leak prevention, detection and timely repair to prevent significant and irreparable harm to the marine environment. The absence of attention to an acknowledged risk with such severe consequences greatly increases the likelihood of significant and irreversible harm at some point in the project life.

**3. Risk of ice damage to the marine portion of the pipe**

Ice damage to a marine pipe is an acknowledged risk in the Focus Report and accompanying documents, and in earlier reports from Stantec. TOR 2.2 requires Northern Pulp to "Conduct geotechnical surveys and provide the survey results to confirm viability of the marine portion of the pipeline route. The surveys must determine the potential impacts of ice scour on the pipeline."

Makai Engineering states that depth of burial for a marine pipe should be determined by survey information and historical data. Historical data has not been provided in the

Focus Report. NP has provided only one year of data on ice scour. Survey information from CSR shows that Caribou Harbour is an area with many ice scour events. One hundred and thirty-three (133) were noted in the survey, which CSR believes were from 2018-2019 alone. The company also notes that scours begin to fill in immediately, (Appendix 2.2, Section 5.5, p. 95) so that the measured scours do not indicate the deepest scour that would have taken place.

The general consensus among local fishermen and divers who have observed ice in the area for decades is that there is high risk of damage to the marine pipe and diffusers from ice even if the pipe is covered by 2-metres of soil. These same individuals note that shifting bottoms could uncover areas of pipe, making it more vulnerable to damage.

The Stantec Preliminary Receiving Water Study prepared for Northern Pulp in August 11, 2017, p. 4.80-4.81 contains this information:

*It was reported (in ENSR, 1999) that Maritime Telephone and Telegraph (MT&T) performed an ice evaluation in support of an optical communication cable deployment across the Northumberland Strait. Based on MT&T's review, the estimated potential for damage to the cable from ice scour extended to water depths of 12 to 14 m. In 1991 their cable was trenched and buried to a selected depth (depth is unknown) and left on the surface of the sea bottom at greater depths. Unfortunately, the winter of 1991/1992 was severe and the cable was severed by ice keels at a water depth greater than 18 m towards the Woods Island, PEI side of the Northumberland Strait.*

This indicates that ice scour can take place a much greater depths than expected. This is crucial information that should be considered by the Minister in determining likelihood of harm.

Ice scour is not the only source of risk to the marine pipe. There are also risks to the pipe's integrity from structural stresses, as explained in the [PEng.](#) to the EARD. "Due to the cyclical nature of the tidal forces and wave action these induced stresses combined with ice loads over time could present fatigue stress issues."

These risks have not been addressed by Northern Pulp and must be fully examined before this project can be approved.

Finally, the Authority notes that there has been no attention given to protection of the marine pipe from ice or storm damage at the point where the proposed pipe would enter Caribou Harbour, before it is buried. This is another serious omission. This is a point where the marine pipe is vulnerable to moving ice as well as strong storm and wave action. Damage at this point could have the same catastrophic results as outlined above.

**Recommendation #3:** Northern Pulp has not fully addressed the issues to confirm the viability of the marine route in relation to ice or other stresses. They have not established that ice scour and other conditions do not present significant risks to the marine pipeline. Northern Pulp has not considered or responded to information submitted by local [diver](#) based on direct experience, nor to the issues of potential structural damage from ice pressure raised by [professional engineer](#) in his submission. They have not considered historical information on ice scour in the area.

Damage to the marine portion of the pipe would result in significant and irreversible harm to the entire Caribou Harbour ecosystem. A break or leak in the marine effluent pipe in an iced-over marine environment with minimal flushing capacity could continue for an extended period before detection – at the rate of 62 million litres per day.

We ask the Minister to reject this proposal. Northern Pulp has not provided sufficient information to conclude that a marine effluent pipe installed as described will not be at risk.

#### 4. Navigation issues

NPNS completely fails to address the navigational concerns raised in our earlier submission. The Authority is very concerned that its patrons, both commercial and recreational, will have their navigational abilities under the *Navigational Protection Act* restricted. NPNS has responded only that “Impact to navigation is not anticipated. A Navigational waters review will be required before construction begins, at this time adjustments will be made as necessary.”

In our submission this is not an adequate response.

The Authority’s earlier submission pointed out that the patrons of the Authority, in particular seventy plus (70+) commercial fishermen, navigate directly across the path of the proposed pipe route in Caribou Harbour, on a daily basis, during regular fishing seasons of lobster, crab, herring and scallop, from April through November.

Any interference with existing navigation routes could cost individual fishermen hundreds of miles of additional travel every season for the lifetime of the project, with corresponding costs in time and fuel, and increased emissions to the environment.

My client also has serious concerns about interference with navigation during the proposed construction timeline of 84+ days, detailed below.

**Recommendation #4:** The Authority’s position is that all navigation concerns must be addressed satisfactorily prior to any approval. The minister, in making his decision, must consider how the proposed project will impact existing uses of the area. Northern Pulp has not provided sufficient information to ensure that the proposal will not substantially

interfere with existing navigational uses of the area during construction and in the long-term.

#### **5. There is no confirmed marine pipe route in Caribou Harbour.**

NPNS has not presented a confirmed marine pipe route for Caribou Harbour. The only specific information provided about the route are the co-ordinates for the entry point of the marine pipe and the outfall location. This is in notable contrast to the detailed drawings and plans presented for the on-land portion of the pipe. Marine survey information was gathered from a corridor 200 metres wide, within which NPNS presumably plans to locate the marine pipe.

**Recommendation #5:** This project cannot be approved before a specific pipe route is presented for evaluation and input from the public and government departments. The minister cannot accurately evaluate whether there will be significant and irreversible harm in the absence of a detailed marine pipe route.

#### **6. There is no definitive plan for marine pipeline construction.**

Northern Pulp is required by TOR 2.5 to “Provide any proposed changes to the pipeline construction methodology and other associated pipeline construction work, related to the potential changes to the marine portion of the pipeline route (e.g., infilling, trenching, temporary access roads, excavation, blasting, disposal at sea, and others where applicable).

Northern Pulp has not fulfilled TOR 2.5. They have not provided a detailed plan for marine pipeline construction. The Focus Report states, “Appendix 2.5 provides the details of the current proposed construction.” (Section 2.5, p. 39). This is not accurate. Appendix 2.5 **does not provide this information**. Makai Ocean Engineering Inc. which prepared the report for Appendix 2.5 writes, “This report provides an opinion of the likely construction methods and design features of the pipeline, based on the available data and standard practices for marine pipelines.” They also state, “The exact method used for dredging will be determined by the selected marine contractor based on schedules, costs, and available equipment resources.” (Executive Summary, p. 1)

Makai states clearly that, “While Makai has extensive experience with HDPE pipeline installations and has taken considerable efforts to consider the site specifics and likely approaches for this project, **the actual means and methods and construction processes will remain the responsibility of the Marine Contractor, and may vary from this approach.**” (Introduction) (*emphasis ours*)

We note some, but not all, of the issues relating to TOR 2.5 where no concrete plan has been presented:

- **No plan for how excavated material will be dealt with during construction:** Neither the Focus Report Section 2.5 and Table 2.5-1, p.18 nor Appendix 2.5

provide a definitive plan for how excavated material will be dealt with during the construction process, (sidecast, removed to barge or other.) Options are presented, but no definitive plan is presented.

- **No plan for spoils disposal:** The question of potential disposal at sea is raised explicitly in TOR 2.5. NPNS downplays the issue of spoils and their disposal. The Focus Report states, "It is anticipated that spoils from the excavation will be repurposed as fill to cover over the trenched pipeline once placed. Excess spoils may be (sic) require disposal and will be subject to regulatory approval and permitting." (Section 2.5, p. 43)  
NPNS has provided no explanation of how spoils will be disposed of. They have not addressed the question of they will be looking at disposal at sea.  
The Harbour Authority notes that it appears physically impossible that there will not be a significant amounts of spoils requiring disposal in some way, given that 6" of gravel and a 36" diameter pipe will replace excavated soil for the 4 km distance of the trench.
- **Some of the excavated soil may exceed contaminant guidelines.**  
Contaminant levels beyond guidelines in some soils are identified in the Focus Report documentation. NPNS has not addressed this issue except to say that it will be dealt with at a later time.
- **There is no clear plan for how the trench will be finished.** "Once the trench is covered in soil, it could either be graded down using a towed grader bar, or left to the elements if local currents and sediment transport is agreeable." (Appendix 2.5, p.18) The possible use of armour stone in some places is mentioned. There has been insufficient attention given to the strong tides and currents that could expose the pipe to ice damage.
- **Blasting very unlikely.** In response to TOR 2.5, NPNS says only that blasting is "very unlikely." The Authority is very concerned with leaving this issue unresolved. My client's position is that sufficient information should have been gathered and provided in the Focus Report to determine whether blasting is proposed as part of this project or not, in order that this issue can be fully considered in terms of assessing potential impacts. Use of blasting could have significant consequences.
- **Siltation during construction.** See point 7 below regarding potential impacts of siltation during the 84+ day proposed construction period.

**Recommendation #6:** The Harbour Authority of Caribou believes that Northern Pulp has not provided sufficient information to fulfill the requirements of TOR 2.5. NPNS has presented a number of possible scenarios, but no plan that can be evaluated for potential impacts. The missing information is not available in earlier documentation, i.e. the EARD or in Appendix F to the EARD.

The Harbour Authority is very concerned that, "*The exact method used for dredging will be determined by the selected marine contractor based on schedules, costs, and available equipment resources.*" (Appendix 2.5, p. 1) Decisions based on schedules, costs and available equipment do not prioritize prevention of environmental harm to the

Harbour or impacts on present users of Caribou Harbour and do not ensure protection of the delicate harbour environment.

My client asks the Minister not to approve this project without a detailed construction plan subject to scrutiny and input from the public, including our patrons, who have detailed knowledge of the actual conditions of the area and the potential for harm. NPNS has not provided the Minister with the information needed to determine whether construction of the marine pipeline can be done without causing irreparable, long-term harm to Caribou Harbour and the nearby Northumberland Strait, including the marine life within it, both plant and animal, and current users.

**7. Siltation in the harbour during construction may cause significant harm to marine life and current users of the harbour.**

The Authority and our patrons have great concern about the impact of siltation on the Harbour and surrounding waters during construction and for an unknown period afterwards. No attention has been given to the potential effect of excavation of over 80,000 cubic metres of silty bottom over a period of 84+ days, (Focus Report, Table 2.5-1) in a shallow, tidal area. Caribou Harbour experiences tidal changes of up to 5 feet, twice daily. During a construction period of this length, storm conditions are almost inevitable. Storm surges can raise waters by 6 feet over normal conditions, with high winds and crashing waves. Northern Pulp has only addressed this issue by saying that silt curtains and isolating work areas will be used to reduce turbidity. This is completely insufficient for an issue which could have significant impacts on all life in the harbour.

Is it viable to isolate up to 4 km of trench and up to 80,000 cubic metres of sidecast soil effectively, without interfering with navigation and existing uses of the harbour? What amount of silt would be contained by these methods, what would be released? Conditions inside Caribou Harbour, with depths of between 0 and 8 metres, are significantly different than in many open ocean areas, where dispersion of silt would take place more effectively. What would be the impact of siltation under both normal and storm conditions on eel grass beds, on plankton, on juvenile lobster and crab and other forms of marine life, on the seabed itself? This issue must be fully examined based on the actual conditions in Caribou Harbour prior to approval being given for the project.

There are 70+ fishers, buyers and a nearby fish plant employing 140 people, that all need clean water for multiple purposes. During the months of May and June in Caribou Harbour at our wharf and at North Nova Seafood's, there is a minimum of 100,000 to 150,000 thousand pounds of live lobster, 'floating' every day. This means the lobsters are submerged in containment pens or 'cars' in seawater, in 100-pound crates. The lobsters are reliant on clean, oxygenated water. So are the oysters in the 4 oyster leases in the harbour, and the juvenile rock crab, lobster and other species. Fishers use seawater to spray down their catches as they fish, to keep them cool. They use seawater to wash down their boats and traps. That water must be clean.

Over 84+ days construction, with unpredictable weather, the Harbour Authority has serious doubts about whether installation of 4km of marine pipe can be carried out without significant, long-term harm. Certainly, Northern Pulp has not provided sufficient information to show that it can be done without such harm.

**Recommendation #7:** The Minister cannot approve this proposal until the potential impacts of siltation in the Harbour during the 84+ day proposed construction period is fully evaluated.

#### **8. Timing of proposed marine pipe trenching and installation and existing uses of the harbour**

The Authority's position is that there is no 84+ day construction window that would not severely interfere with existing activities. There is ice in the harbour from late December until April. Lobster season and the related storage/navigation/fishing from end of April to end of June. Major recreational activities occur throughout July, August and September, with rock crab season running from early August to November. Include the herring fishery in the Northumberland Strait from early September until later October, of which Caribou Harbour is the epicenter. Tuna fishing in August, September and October, then scallop fishing from early November to mid- December. Complicate that with the beginning of fall storms and high winds. Ice can close in by early December. Then add in the Northumberland Ferries running from May 1<sup>st</sup> until mid- December in a narrow channel only slightly larger than the vessels themselves.

**Recommendation #8:** Caribou Harbour is used for activities central to the economy of the area for all months of the year when it is ice-free. There is need for a full evaluation of the potential impacts of proposed pipeline construction on existing uses prior to any approval of the project.

#### **9. Effluent will enter Caribou Harbour**

Northern Pulp's proposal relies on a receiving water study (RWS) prepared by Stantec. This study indicates that there will be minimal flow of effluent discharged into Caribou Harbour. The Authority reasserts its position that this conclusion is erroneous, and does not reflect what its fishers know from working the waters of Caribou Harbour year-round for many decades.

- a) The receiving water study does not take into account conditions familiar to fishers in the area, including storm surges/surge tides or sustained, heavy onshore winds from the northeast or northwest that can last for several days and 'hold' the tide in.
- b) There is a bottleneck effect at the mouth of the Harbour between Munroe's Island and Caribou Island caused by the deeper water, (the proposed location for the outfall and diffusers), meeting the shallow water adjacent to the sandbar at the mouth of the harbour. This is the actual narrow, marked

channel the Prince Edward Island and Northumberland Ferry navigates to exit Caribou Harbour, which averages a depth of 25 feet. (This channel needs to be dredged every so often to maintain a safe depth for the ferry to navigate in and out of the harbour.) A rising tide basically, especially with onshore winds, funnels in from the proposed diffuser location.

- c) Under storm conditions, the water level in Caribou Harbour sometimes rises in excess of 2 meters. There is nowhere for this excess to come from but the mouth of the harbour, where the effluent outfall is proposed to be.
- d) A local knowledge submission containing detailed information about the tides, currents and winds in the Caribou Harbour area was submitted as a response to the EARD by [Caribou fishers](#). It contains important information that does not appear to have been considered in the revised RWS.
- e) We draw your attention to the [expert opinion of \[\\[redacted\\]\]\(#\) of Stanford University](#), an oceanographer with expertise in numerical modelling of coastal dynamics. Dr. [\[redacted\]](#) reviewed the Stantec RWS in the EARD and concluded that errors of modeling lead,

“to the incorrect conclusion that the environmental impacts will be negligible because the effluent concentrations are predicted to be unphysically low. **Instead, correct implementation of the models with more conservative and physically realistic scenarios would show that effluent concentrations in the region could be much larger and that effluent accumulation in Pictou and Caribou Harbours is likely.** (emphasis added) ( [\[redacted\]](#) p. 1, Appendix 1, Ecojustice Response to EARD)

Dr. [\[redacted\]](#) also states that Stantec’s use of the two-dimensional Mike 21 model is inappropriate as it fails to take into account local dynamics caused by wind, river inflows, offshore currents, ice, waves and storm surge. (p. 7)

**Recommendation #9:** We are aware that Dr. [\[redacted\]](#) is preparing an updated submission on the revised RWS. We ask the Minister, and government departments reviewing the NPNS proposal, to give Dr. [\[redacted\]](#) past and updated submissions their full attention, and to give attention and respect to the local knowledge of fishers submitted previously and to this review.

The RWS is a key element of NPNS’s conclusion that no harm will be done by the release of an average of 62 million litres of treated effluent daily into the Northumberland Strait at the mouth of Caribou Harbour. If the information on which the RWS modeling is based is not correct or complete, the results will not be correct. Likewise, if the methodology is not correct. The RWS is not an area where mistakes can be allowed; there is too much at stake.

The Harbour Authority and its patrons are not experts in modelling. Dr. [\[redacted\]](#) is an independent expert, and we note that his conclusions were consistent with our fishers’ local knowledge. We note that there are many errors of fact in NPNS’ focus report in relation to fisheries and the presence of fish. We have listed some of these errors in

point 10 below. Fisheries and fish are subjects on which the fishers of the Authority do consider themselves experts. The multiple errors on these subjects (see point 10 below) in the Focus Report and attached documents do not give us confidence that NPNS has provided accurate information in other areas.

### **10. Errors of fact relating to fisheries and the presence of fish.**

Due to limitations of time for public comments, my client is unable to fully respond to errors of fact relating to fish and fisheries that may exist in Northern Pulp's documents. However, we would like to point out some which are apparent to the Harbour Authority and its patrons.

- a) Appendix 7.3, p. 68, erroneously states that rock crab are not found at depths greater than 10 m. To give an idea as to how inaccurate this is, you simply need to understand that most fishermen have 35 to 60 meters of buoy line to fish rock crab. Rock crab are fished as deep as 35 to 50 m in the Strait. Depending on the time of year they congregate at different depths.
- b) Appendix 7.3, p. 68 also states that rock crab are not fished near the proposed outfall. This is false. The area is extensively fished for rock crab. The vast majority, if not all, fishers in Caribou who participate in the rock crab fishery have fished rock crab in the direct vicinity of the diffuser location.
- c) Figure 7.3-3, p. 130 of the Focus Report, titled Northumberland Strait Lobster Buoy Locations, gives a highly inaccurate picture of the presence and amount of lobster fishing directly in the vicinity of the diffusers. The entire harbour and channel area including the vicinity of the proposed diffuser is fished for lobster. Lobster fishing effort and locations change sometimes on a daily basis. They are dependent on many factors, including water temperatures, molt cycles, and annual migration inland to molt, spawn and feed. (In fact, Northern Pulp's own information contradicts itself. Figure 7.3-4 Lobster Distribution and Harvest Area indicates that lobster fishing takes place much closer to the proposed diffuser than the representation in Figure 7.3-3)
- d) Figure 3-12 (Appendix 7.3, p.66) suggests Atlantic Herring resources in the LAA are limited to the outer Caribou Harbour / Northumberland Strait where depths approach 10 m and greater. This is false and completely in error. The adjacent Pictou Banks, (middle ground), Caribou Point and northwest to Pictou Island, all are basically less than 10 meters depth and extensively fished for Atlantic Herring. Atlantic Herring converge in the exact location of the channel and proposed diffuser to spawn there and in the adjacent banks. Northern Pulp says herring are generally located outside the zone of discharge (Appendix 7.3, Section 4.1.3.6, p. 4.2) and pass through this area on their way to spawning grounds. (Appendix 7.3, Appendix D, last page, no page #) This is incorrect. This entire area including the area of the diffuser is the spawning ground for Atlantic Herring.

- e) Mackerel is fished extensively in the exact location of the channel and proposed diffuser location. Mackerel feed on juvenile herring and herring spawn and basically are in abundance when the herring come to this area to spawn. The greater depth of the channel allows for more line in the water, which enables more hooks to fish mackerel effectively at the exact diffuser location and all along the channel.
  
- f) Northern Pulp states that the proposed marine pipe intersects the scallop buffer zone and that the diffuser is not within the scallop buffer zone. (Appendix 2.5, p. 8) This is incorrect. The entire 4 km proposed pipe including outfall location is within a Scallop Buffer Zone, SFA 24. The buffer zone is measured 1 nautical mile (1.1 miles) from any land. These zones are part of a marine refuge for American Lobster and are part of Canada's Marine Refuge program, which contributes to Canada's marine conservation targets. Consider that part of the considerations given for the marine refuge is that 'no human activities that are incompatible with the conservation of the ecological components may occur or be foreseeable within the area'. This entire proposed pipe and associated effluent is not compatible with the intent of a Marine Refuge. Marine refuges contribute to [Canada's marine conservation targets](#).

The Harbour Authority submits for your attention Appendix 1, consisting of signed documentation from 65 fishers who fish lobster, rock crab and/or herring in the vicinity of the diffusers. This information is submitted to correct inaccurate information in Appendix 7.3 of Northern Pulp's Focus Report, which represents the area around the proposed outfall as free from fishing.

Sixty-five (65) fishermen and women indicated that they fish for either lobster, rock crab or herring in the vicinity of the proposed outfall. Thirty-eight (38) state that they fish one or more of these species within 300 metres of the proposed effluent outfall. Forty-three (43) state that they fish one or more of these species within 1 km of the proposed outfall.

This information was gathered in Pictou, Nova Scotia, on November 1 and November 4, 2019. Due to time constraints, this information represents some, but not all, of the fishers who fish in the vicinity of the proposed effluent outfall. It does not include information from fishers who fish other species in the immediate vicinity of the outfall.

#### **Recommendation #10:**

My client is disturbed by the many errors of fact regarding the presence of fish and fisheries in the area of the proposed outfall, including continued misrepresentation of the relationship of the 4 km pipeline and outfall to marine refuge SFA 24. Fishermen have presented information about the presence of fish and fisheries to Northern Pulp from the very first meeting almost two years ago. Northern Pulp has not reflected this information in their Focus Report. As noted, the short time for public input limits our ability to fully review the documents for errors in these areas. We ask the Minister to take into consideration the repeated errors of fact, which raise significant questions

about potential inaccuracies in other information, and must limit confidence in the conclusions drawn by NPNS that the project will cause no significant, residual harm.

### **11. Conclusion and Final Recommendation:**

The Authority's position is that the Minister must reject Northern Pulp's proposed new ETF. Northern Pulp's Focus Report response contains errors of fact and lacks information on critical issues. It lacks key protective measures. Northern Pulp has failed to address the Terms of Reference adequately and they have failed to address realistic and legitimate concerns raised by ourselves and other members of the public. Critical scientific studies have not been done, including lobster larvae studies recommended by NPNS's own consultants. Northern Pulp has drawn the conclusion that this project will cause no significant, irreversible harm without providing the science to back up this conclusion.

There is credible evidence of significant, long-term risks to the marine environment presented by ourselves and others. There is also evidence of the devastation caused by pulp effluent to Boat Harbour. The Authority does not want to see this repeated in Caribou Harbour.

Because of these errors and omissions, and because of credible evidence of risk, we believe the Minister cannot approve this project. The Minister does not have a basis to conclude that the project can be undertaken without likelihood of serious consequences and irreparable harm to Caribou Harbour and the marine ecosystem that the Authority and its patrons rely on to earn a decent and moderate living. We ask that this proposal be outright denied based on these very realistic and legitimate concerns.

Yours truly,  
**MACISAAC CLARKE & DUFFY**

cc Client  
Minister of Environment and Climate Change  
Minister of Fisheries Oceans and the Canadian Coast Guard  
Canadian Environmental Assessment Agency NS Regional Office

Appendix 1

Submission of Caribou Harbour Authority

November 6<sup>th</sup>, 2019

The proposed effluent outfall is at: 14307.6  
29812.2

Check the boxes for any species that you have fished within 1 km of the proposed outfall.

Name - print	Lobster	Rock Crab	Herring	Signature
	✓		✓	
	✓	SCALLOPS	✓	
	✓		✓	
	✓		✓	
		✓	✓	
	✓	✓	✓	
	✓		✓	

The proposed effluent outfall is at: 14307.6  
29812.2

ALSO: Check the boxes for any species that you have fished within 300 metres of the proposed

Name - Print	Lobster	Rock Crab	Herring	Signature
	✓	✓	✓	
	✓		✓	
			✓	
	✓	✓	✓	
	✓		✓	
			✓	
	✓		✓	

The proposed effluent outfall is at: 14307.6  
29812.2

Check the boxes for any species that you have fished within 1 km of the proposed outfall.

Name - print	Lobster	Rock Crab	Herring	Signature
	✓	✓	✓	
	✓	✓	✓	
	✓	✓	—	
	✓		✓	
	✓	✓	✓	
	✓	✓	✓	
	✓		✓	

The proposed effluent outfall is at: 14307.6  
29812.2

ALSO: Check the boxes for any species that you have fished within 300 metres of the proposed

Name - Print	Lobster	Rock Crab	Herring	Signature
	✓	✓	✓	
	✓	✓	✓	
	✓	✓	✓	
	✓		✓	
	—	—	—	
	✓	✓	✓	
	✓		✓	

The proposed effluent outfall is at: 14307.6  
29812.2

Check the boxes for any species that you have fished within 1 km of the proposed outfall.

Name - print	Lobster	Rock Crab	Herring	Signature
			✓	
		✓	✓	
	✓	✓	✓	
			✓	
	✓	✓	✓	
		✓	✓	

The proposed effluent outfall is at: 14307.6  
29812.2

ALSO: Check the boxes for any species that you have fished within 300 metres of the proposed

Name - Print	Lobster	Rock Crab	Herring	Signature
	✓	✓	✓	
	Less than 100	Less than 100 ✓	✓	
			✓	
			✓	
			✓	
	✓	✓	✓	
	✓			

The proposed effluent outfall is at: 14307.6  
29812.2

Check the boxes for any species that you have fished within 1 km of the proposed outfall.

Name - print	Lobster	Rock Crab	Herring	Signature
	✓	✓	✓	
	✓	✓	✓	
	✓	✓	✓	
	ground fish			
	✓		✓	
	✓	✓		
			✓	

The proposed effluent outfall is at: 14307.6  
29812.2

ALSO: Check the boxes for any species that you have fished within 300 metres of the proposed

Name - Print	Lobster	Rock Crab	Herring	Signature
		✓	✓	
	✓	✓	✓	
	✓	✓	✓	
	✓		✓	
	✓	✓		
			✓	

The proposed effluent outfall is at: 14307.6  
29812.2

Check the boxes for any species that you have fished within 1 km of the proposed outfall.

Name - print	Lobster	Rock Crab	Herring	Signature
	✓		✓	
			✓	
	✓			

The proposed effluent outfall is at: 14307.6  
29812.2

ALSO: Check the boxes for any species that you have fished within 300 metres of the proposed

Name - Print	Lobster	Rock Crab	Herring	Signature
	✓		✓	
			✓	
	✓	✓	✓	
		✓	✓	



The proposed effluent outfall is at: 14307.6  
29812.2

Check the boxes for any species that you have fished within 1 km of the proposed outfall.

Name - print	Lobster	Rock Crab	Herring	Signature
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>			
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	
			<input checked="" type="checkbox"/>	

The proposed effluent outfall is at: 14307.6  
29812.2

ALSO: Check the boxes for any species that you have fished with

Name - Print	Lobster	Rock Crab	Herring
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:54:20 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the approval of the Environmental assessment for Northern Pulp. Through the scientific fact based report completed by Northern Pulp they have proven that not only can the forestry and fishing industries coexist but they can thrive. Once the new facility is completed Northern Pulp will have the most state of the art and environmentally responsible mills within North America.

Name: @gmail.com Address: , New

Glasgow, Nova Scotia Municipality: New Glasgow Postal-Code: Phone:

Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 61 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:58:43 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: New owners should not be penalized for previous owners mess..it takes time Name: Email:

@gmail.com Address: Municipality: Caledonia Postal-Code:  
Phone: ### ### - # Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 68 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:13:24 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia needs forestry. I work at Scotsburn lumber ltd and know our jobs are dependant on Northern pulp. We need our government to help keep our industry thriving and in order for that to happen we need Northern pulp to remain in our community. Name: Email:  
@hotmail.com Address: Saltsprings Pictou Co Municipality: Saltsprings  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 50 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:20:09 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This Effluent Treatment Facility MUST happen. The focus report has address various concerns through a third party of environmental experts. Within 5 meters of the diffuser the difference between treated wastewater and ocean temperature will be less than 1 degree. Ocean water quality will meet Canadian marine guidelines. There is no evidence of ice scour found in the planned location of the diffuser port and the added precaution of a thicker than required pipe has been selected. This will be a state-of-the-art system. I want the Environmental Assessment APPROVED. Northern Pulp needs the time to put the plan in place and if that requires Boat Harbour to remain open, then that too needs to happen. If Canadians truly want to make a global impact on improving the environment, we need to start embracing projects like these and not let other countries, with far less environmental standards, fill the production gap that would happen if Northern Pulp were to shut down. Name: Email:

@gmail.com Address:

Municipality: Westville Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement:

agree x: 64 y: 32

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Environmental Assessment Northern Pulp  
**Date:** November 6, 2019 12:23:58 PM

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Good Morning Hon. Gordon Wilson,

As the spouse of someone who works at Northern Pulp I am hopeful you will approve the Environmental Assessment for Northern Pulp due to the following facts;

\*Ocean water quality within 5Meters of the diffuser will meet Canadian Marine guidelines.

\*Once the new state of the art wastewater treatment facility is completed Northern Pulp will be one of the most environmentally responsible mills in North America and their environmental footprint will be significantly reduced.

\*Treated Waste water from Northern Pulp has been flowing into the strait for 50 years and the fishing industry has been successfully fishing the strait, therefore they should see no changes.

From reading the environmental assessment I am impressed with the due diligence and effort that Northern Pulp and external resources have put into researching and implementing this new plan and am comfortable in saying I believe that there will be no impact and the forestry and fishing industries can continue to coexist and finally the cleaning up boat harbour for the Pictou Landing First Nations community.

Thank you,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:25:16 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Without question I fully support the replacement Effluent Treatment Facility Project for our province and itâ?Ts citizens. Forestry Nova Scotia is a fundamental part of our history and affects a tremendous amount of Nova Scotians either directly or indirectly and itâ?Ts unimaginable to consider our province losing another backbone of our economy. This project could achieve the balance of economic growth, healthier forests and increased respect cultural and environmental protection Name: Email: @hotmail.com Address: Municipality: Sydney/Margaree, NS Postal-Code: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 58 y: 25

From: @hotmail.com  
To: Environment Assessment Web Account  
Subject: Proposed Project Comments  
Date: November 6, 2019 12:34:29 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hi, Im writing this in support of Northern Pulps proposed new Wastewater Treatment Facility. Ive reviewed much of the information available to me. Northern Pulp - Paper Excellence have spared no expense in having the proper tests completed by top consultants available in all of the related fields. Within 5 meters of the diffuser all marine guidelines will be met, the water temperature will be less than 1 degree in the difference, and solids or residues will not have an effect on the area. These types of systems are implemented all over the world. With proper supervision from officials every step of the way which is stated will be the practice in the focus report there is no reason why this project cannot be executed in a way that is safe for the environment, and also beneficial for the forestry industry. In the past I have worked on a fishing vessel that traps lobster in the area of the current outfall location from Boat Harbor. Although they do not lay traps in the direct area that the outfall enters the strait, the area bordering that location is VERY plentiful with lobster and other sea life. A few of the boats in that area are responsible for some of the higher annual catches of lobsters in this area. The new site where the effluent is proposed to be released is said to be a much less fished area with mostly grass and rock crab so this shouldnt cause any direct damage to the fishing industry. After construction this sea life will be able to re-establish naturally over a short period of time. The financial impact over the region if this project is denied would be irreversible. As weve seen before after loss of employment on this scale most people will end up finding work elsewhere in the country to make ends meet. Losing any contributions to our municipal or provincial tax revenue is not productive. Also the skilled tradesmen and women leaving the province would be a terrible loss. I am 45 years old living in Pictou County with my small family. My wife, and myself rely on this industry. If Northern Pulp is forced to close, with the cost of raising a family I dont believe I could stay in this area. In order to give them the best life possible relocation would be a reality without doubt. If we look at all the facts, made available from Northern Pulps Environmental Assessment and industries like this all over the world. We can safely install this new treatment facility. I strongly support the project. Hopefully the province will also. Thank you. Name: [redacted] Email: [redacted] @hotmail.com Address: [redacted] Municipality: New Glasgow Postal-Code: [redacted] : ### ### - ##### email\_message: Privacy-Statement:

agree x: 74 y: 36

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:36:24 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a business owner within this community I think the importance of keeping Northern Pulp open is vital. After reading the focus report it shows that with the new facility they will meet the Canadian Marine Guidelines as well as significantly reduce their environmental footprint. The report also shows that the forestry and fishing industry have been coexisting for the past 50 years with the treated wastewater flowing into the strait. By updating to a new state of the art facility ensuring that no untreated effluent leaves the premises the new waste water that will flow into the strait will be much cleaner and safer than current day. My concerns are that if the environmental assessment does not get approved that myself and a lot of other local businesses within the province and county will be forced to close. I support the approval of the environmental assessment. Name: @gmail.com

Address: Municipality: New Glasgow Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 73 y: 37



Get [Outlook for Android](#)

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:37:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think this is a good project all Nova Scotians will benefit from it. Name: Email:  
@hotmail.ca Address: Municipality: Caladonia Postal-  
Code: : ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 42 y: 12

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:38:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I've grown up in Pictou and currently live in the town, I am years old and plan to have a future as a fisherman. There should be no question of how to keep the mill running, it has a go. There is no effluent entering our water and never will be. I will strongly stand behind my perspective against the mill in order to keep our air clean and water safe. No pipe no extension

Name: @gmail.com Address: Municipality:

Pictou Postal-Code: Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 79 y: 7

**From:** [Minister, Env](#)  
**Subject:** Comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 12:15:07 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003378.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Thank you for your time and consideration on this matter.

Name: \_\_\_\_\_

Address \_\_\_\_\_

*Cape Breton*

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

Attention: Hon. Gordon Wilson, Minister of Environment

I am in support of the approval for new Effluent Treatment Facility (ETF) for Northern Pulp. My job, my family, and rural Nova Scotia depend on it. The existing Boat Harbour ETF should remain open until such a time that the new facility is constructed. This existing provincial facility currently meets or exceeds all Provincial and Federal guidelines outlined by the corresponding Environment Departments. This was shown in the Focus Report in the benchmarking section. Once the construction of a new ETF is completed then the subsequent clean up of Boat Harbour can commence. It is my understanding through media and government reports that the cleanup of Boat Harbour can't start until a Federal EA is completed (which is project to be 24+ months to complete). This will allow for the subsequent construction of a new world class ETF which will allow our provincial forest industry to continue to thrive in the future.

The Focus Report data allows me to see that fishing has coexisted in the Northumberland Strait for 50+ years. Currently, lobster fishermen are setting traps in the existing outfall from the Boat Harbour facility. Obviously, if there was a negative impact on the fishery they would not be setting their traps at that location. The new ETF will be an improvement on the current situation.

To close Boat Harbour without having an existing facility operating would permanently collapse the forest industry in Nova Scotia. This would negatively impact thousands of people directly and indirectly employed in the forest industry and would devastate tens of thousands of private land-owners in N.S. The implementation of government initiatives such as the Lahey report will be impossible without a market for low grade pulpwood and will cause the closure of several sawmills throughout N.S.

The proposed facility will be an improvement over the existing situation where all effluent leaving the site will be treated. The pipe being used is well above industry standard and the new outfall location will be far superior to the existing situation. There are currently other similar pulp mills in the province that have existing ETF outfalls into the ocean. Numerous 3<sup>rd</sup> party expertises have concluded that the ETF indicates that there will be no significant environmental impact for the project's construction or future operation.

Forestry is a renewable resource that everyone in N.S. uses each and every day in their daily activities one way or another. We have the forests, science and expertise in our favour. Do not allow that vocal minority to jeopardize that.



Name \_\_\_\_\_

Address Bethel \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: jhst@mail.com

Signature: \_\_\_\_\_

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Name \_\_\_\_\_  
Addre \_\_\_\_\_  
E-mail @icloud.com  
Signat \_\_\_\_\_

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Since Paper Excellence purchased Northern Pulp in 2011 numerous improvements have been made to the facility to improve air particulate, effluent and odour. As shown in benchmarking section of the Focus Report Northern pulp is currently an average to above average mill when compared to other Kraft pulp mills currently operating in all other jurisdictions in Canada. The new proposed facility will only improve on these statistics.



Name: \_\_\_\_\_

Address \_\_\_\_\_

E-mail: postmail.com \_\_\_\_\_

Signature \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature \_\_\_\_\_

Sydney NS.  
@gmail.com

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Name: \_\_\_\_\_

Address \_\_\_\_\_

E-mail: 2@gmail.com

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

*@hotmail.com*

Signature: \_\_\_\_\_

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Name:

\_\_\_\_\_

Address

\_\_\_\_\_

E-mail:

mail.com

Signatur

\_\_\_\_\_

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Name: \_\_\_\_\_

Address: Sydney, NS

E-mail: nil.com

Signature \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_ Queensville \_\_\_\_\_

E-mail: \_\_\_\_\_ forestry.ca \_\_\_\_\_

Signature: \_\_\_\_\_

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Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Address: Port Hawkesbury, NS

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Address: Iron Mines, Nova Scotia

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: River Denny's \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: Queensville, NS

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Address: Orangetown \_\_\_\_\_

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 12:10:18 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003363.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Thank you for your time and consideration on this matter.

Name: \_\_\_\_\_

Address: Port Hawbury NS

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

\_\_\_\_\_  
LUBERT BRIDGE

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Address: \_\_\_\_\_

ALBERT BRIDCE

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_ a.vakoo.ca

Signature: \_\_\_\_\_

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Name: \_\_\_\_\_

Address: West River Antigonish N.S. \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

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**From:**  
**To:** [Minister, Env](#)  
**Subject:** Comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 12:05:54 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003348.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Thank you for your time and consideration of this matter.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

Haliburton NS  
@hotmail.com

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E-mail: @gmail.com  
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Name: \_\_\_\_\_

Address: Cape Breton \_\_\_\_\_

E-mail: \_\_\_\_\_

Signature \_\_\_\_\_

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Name: \_\_\_\_\_

Address: WHYCOMBAGH NS

E-mail: \_\_\_\_\_

Signature \_\_\_\_\_

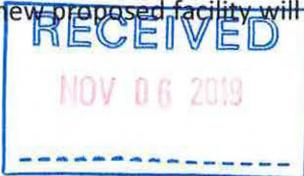
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Name: \_

Address: \_

E-mail: \_

Signature

Sydney NS

ca

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Name:   

Address:   

E-mail:   

Signature: \_\_\_\_\_

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Name: \_\_

Address: \_

E-mail: \_\_

Signature: \_\_\_\_\_

FE  
Hotmail.com

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Signature: \_\_\_\_\_

Coretechpro.com

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**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 12:42:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think that northern pulp is taking good action to cut down on the pollution that they are putting in the water ways and to help the fisheries to help out nova scotia. Name: Email:  
@gmail.com Address: Municipality: Queens County N.S.  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 84 y: 29

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:06:08 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 4. Third party environmental experts have concluded the ocean water quality within 5 meters of the proposed diffuser will meet Canadian marine guidelines and there is no history of ice scour at the planned location of the diffuser. Based on this information, I believe this project will have little impact on the Strait and fisheries. Name: @eastlink.ca  
Address: Municipality: Enfield Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 49 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:22:24 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I want the pulp mill to be closed because of the hazardous waste that is being put into our water. Name:

Email: @gmail.com Address: Pugwash , N.S. Municipality: Pugwash Postal-  
Code: ## - ###90# Fax: ### ### - #### email\_message:

Privacy-Statement: agree x: 77 y: 22

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:25:45 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the Project 100 I believe the findings of the Environmental Experts, there will be little impact on the Strait and Fisheries and Northern Pulp is within the Canadian Marine Guidelines with this Project. I stand behind the fact Nova Scotia Needs Forestry and the jobs this Mill provides is not just within their plant - Pictou County and the rest of Nova Scotia would suffer a great loss and that impact would be felt a hell of a lot further than to the Strait.... For those that PROTEST - get the facts, read the information that is available with regards to Replacement Effluent Treatment Facility Project. I have Family and Friends that depend on jobs related to daily operations at the Mill, right from planting trees to harvesting the trees to fellow co-workers that build the necessary roads to get there. And for those concerned about the impact on the Environment..... Fact: This proposed Wastewater Treatment Facility will be leading in its industry and will reduce our environmental footprint, making Northern Pulp one of the most environmentally responsible Mills in North America. Name:

@eastlink.ca Address:

Thorburn Postal-Code:

Privacy-Statement: agree x: 53 y: 28

Email:

Municipality:

\_message:

**From:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:38:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Lahey Report and good forestry depends on a market for the low-grade wood fibre in our forest and the major consumer of this product is Northern Pulp. Name: .com

Address: Municipality: Bedford Postal-Code: Phone:  
: ### ### - #### email\_message: Privacy-Statement: agree x: 82 y: 28

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:49:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 1. Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Name: @eastlink.ca Address:

SHUBENACADIE Municipality: Shubeacadie Postal-Code: -

Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 65 y: 31

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:54:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing to express my concern over Northern Pulp's proposed Effluent Treatment Facility. My husband is a fisherman, my family enjoys the benefits of living near the Northumberland Strait. I am outraged after reviewing Focus Report that was submitted by NP. Once again, they have done nothing. The report is lacking real science, there are no answers, there is nothing to ensure the fishery will not be impacted by this pipe. They have no plan. They had sufficient time, and they did nothing. Now they need more time, because they did nothing. This company does not care about our waters, they do not care about our fishery, and they do not care about our health. The fishermen do care, and they know the amount of irreversible damage that will be done to our environment, to their industry. It is time for our government to listen to someone other than Northern Pulp. They have proven time and time again that they can not be trusted. I support the closure of Boat Harbour on Jan 31, 2020 and I DO NOT support a pipe pumping 70 million litres of effluent into our rich fishing grounds. I do not support destroying our waters, I support a strong, healthy environment that does not include Northern Pulp. Name:

@hotmail.com Address: Municipality:

River John Postal-Code:

Fax: ### ## - ##### email\_message:

Privacy-Statement: agree x: 69 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 1:54:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In this comprehensive study and debate between the company, Paper Excellence and the Dept. of Environment, I feel there is only one direction to take and that is forward. The company has presented and met all the standards to which the state of the art new ETF will be built and maintained according to the Dept of Environment. We must trust that Paper Excellence will show respect for the environment and First Nations by complying with these standards and held accountable. The cleanup of boat harbour will be extensive and expensive but it has to start now with the environmental approval of the proposed effluent treatment facility. Paper Excellence supports thousands of jobs, not just in the Pictou area but across the province in the forestry sector. The effect of closing this mill would have a hugely negative impact on our economy of this already have not province. This industry puts billions of dollars into this provincial economy and we cannot afford to lose that. We need to keep every job and worker here in this province to sustain our growing and aging population as our health care system is desperately trying to cope with the financial demand. The only solution to keeping this vital forest industry growing in this province is for the government to accept the proposed new ETF plan and work with Paper Excellence to make this company environmentally responsible. This will keep thousands of Nova Scotians working in good jobs and contributing to the economy of this province. Name: Email:

@gmail.com Address: Municipality: Mahone Bay Postal-  
Code: : ### ### - #### Fax: ### ### - #### email\_message: Privacy-  
Statement: agree x: 68 y: 19

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 2:01:47 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I think of all of the jobs that will be lost, in rural Nova Scotia . Northern Pulp is a primary industry and the lost of this industry will effect at least 10,000 people directly. My and I are in the service industry and with out people spending money on automotive repairs and insurance we both could be unemployed and just victums of the economic downward spiral . It this were to happen there will be thousands seeking unemployment insurance benefit . Name:

@eastlink.ca Address: Municipality: Milford  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 38 y: 29

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 2:11:08 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I strongly suggest that you approve the Environmental Assessment for the following reasons. As a retired pulp mill worker I know firsthand how dependent our province is on the forestry sector and how devastating any closure of the Northern Pulp Mill would be to many hundreds of Nova Scotian families. Construction will have only minor impact on marine species as well as habitat. Treated wastewater will be discharged further out into the Strait and will not be visible.

Name:

Municipality: Stellarton Postal-Code:

Phone: - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

56 y: 25

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 2:14:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Name: @eastlink.ca Address:

Municipality: Dartmouth Postal-Code:

Fax:

### - ##### email\_message: Privacy-Statement: agree x: 45 y: 28

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Please say no to Northern Pulp  
**Date:** November 6, 2019 2:16:09 PM

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**From:** @gmail.com @gmail.com>  
**Sent:** November 6, 2019 12:44 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Please say no to Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I am writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region -- which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please reject this dangerous project. There are no longer economic arguments which can justify the damage this project would do to our environment and our citizens.

Sincerely,

Halifax NS

**From:**

[\\_Env](#)

**Subject:**

Say no to Northern Pulp

**Date:**

November 6, 2019 1:59:25 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 12:53:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Delaying on this action is only prolonging the inevitable problems with Northern Pulp. Future generations will be flabbergasted and angry that we even considered doing such a thing.

Sincerely

Sent from [Mail](#) for Windows 10

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 1:43:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 2:27:12 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: 1. Pumping the effluent into the ocean, via kms of pipelines, is neither environmentally sound nor acceptable to the fishery, property owners, etc. Based on the lab analysis of the sample effluent, the expected reduction in N, P, BOD, COD, etc. to more acceptable levels still â?~disposesâ?T of valuable N, P, and Org. C into a major watercourse which will negatively affect marine life and the ocean environment. In 2019, with the worldwide limitation of P sources, dumping valuable nutrients is not sustainable. 2. The proponent plans to use the paper mill sludge for combustion in the boiler. Firstly, wet sludge does not burn well, contributing to increased air pollution. Also, it would have to be dewatered an expensive but necessary way to handle the material. More importantly, there are many studies conducted the last. 20 years which prove that the sludge can be composted or otherwise converted into a useful soil and plant amendment. See the following: Pulp and paper mill by-products as soil amendments and plant nutrient sources. J J Camberato, et al. 2006. CJSS. 864: 641-653, <https://doi.org/10.4141/S05-120>. Recent advances in paper mill sludge management. M. Likon. 2012. In: Industrial Wastes Name:

Email: @gmail.com Address:

Municipality: Central Onslow Postal-Code:

Fax: ### ## -

##### email\_message: Privacy-Statement: agree x: 76 y: 20

**From:** [@northernpulp.com](mailto:@northernpulp.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 2:31:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I have reviewed the Focus Report for this project and believe that with the engineering and environmental studies that have been carried out during this process the proposed system will be industry leading and significantly reduce Northern Pulps environmental footprint. The outfall within 5 meters will meet guidelines for quality and temperature and no significant impacts are expected. As a 35year employee of Northern Pulp I have been involved in many environmental improvement projects over the years which have greatly improved air and effluent emissions from the mill already. I would like to see The Minister approve this project so we can move forward with the new treatment facility and prove that we can coexist with fisheries in the area. Name:

@northernpulp.com Address: Municipality:  
Bible Hill Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 50 y: 28

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 2:34:07 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and the jobs it produces for the people of Atlantic Canada. Name: Email:  
@hotmail.com Address: Antigonish, Nova Scotia Municipality: Antigonish Postal-  
Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 38 y: 15

From: @live.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 2:38:01 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: DEAR MR.GORDON WILSON AND MEMBERS OF THE ENVIRONMENT DEPT. I AM WRITING THIS LETTER TO YOU AND YOUR DEPT AS BOTH A CONCERNED CITIZEN AND RETIREEE OF 34 YEARS AT NORTHERN PULP. ALL NOVA SCOTIANS AND CANADIANS WANT TO PROTECT OUR ENVIRONMENT. I AM IN FULL SUPPORT OF AN EXTENSION TO THE BOAT HARBOUR AGREEMENT AS WELL AS THE APPROVAL FOR THE CONSTRUCTION OF THE NEW EFFLUENT TREATMENT FACILITY WHICH WILL BE STATE OF THE ART TECHNOLOGY FOR BLEACHED KRAFT PULP MILLS IN THE WORLD. THERE ARE TWO THINGS THAT SHOULD BE CONSIDERED IN MAKING YOUR DECISION ON THIS MATTER. THE FIRST BEING COMMON SENSE AND THE SECOND BEING THE SCIENCE AND TECHNOLOGY INVOLVED IN THE CONSTRUCTION OF SUCH A PROJECT OF THIS MAGNITUDE.THE COMMON SENSE PART IS THAT EVEN AT ITS WORST IN 1967 THE MILL HAS NEVER HAD A FISH KILL IN THE 50 YEARS IT HAS OPERATED. IN THE 1960S THE EAST RIVER HAD THE TOWN DUMP, MARITIME STEEL, TIBBETTS PAINTS, HAWKER SIDDELEY, NOVA SCOTIA POWER, ALL THE SEWAGE FROM THE 4 TOWNS S TELLARTON, NEW GLASGOW, TRENTON AND PICTOU MAKING IT WAY TO THE NORTHUMBERLAND STRAIT AND STILL THERE WAS NO HARM DONE TO THE FISHING INDUSTRY. TO THIS DAY THE TOWN OF PICTOU STILL DUMPS ABOUT 35 OF IT RAW SEWAGE INTO THE HARBOUR WHICH LEADS TO THE STRAIT.YES WE ARE ALL CONCERNED ABOUT THE WELL BEING OF FISHING INDUSTRY BUT WE SHOULD BE MORE CONCERNED ABOUT THE 95 NITRATE WHICH POURS INTO THE STRAIT FROM THE FARMERS FIELDS IN PEI AS WELL AS THE 100 COMMUNITIES ALONG THE ST. LAWRENCE RIVER WHICH DUMP MILLIONS OF LITRES OF RAW SEWAGE INTO THE RIVER WHICH MAKES IT WAY TO NORTHUMBERLAND STRAIT.THERE IS NOT ONE GROUP THAT CAN HONESTLY SAY THAT THEY HAVE NO EFFECT ON THE ENVIRONMENT. THE FISHERMEN ARE GUILTY OF PUTTING THEIR EXHAUST DIRECTLY INTO THE WATER AS WELL AS HYDAULIC OIL, THEIR BILGE, GARBAGE THEY THROW OVERBOARD, LOST FISHING GEAR LET ALONE THE DAMAGE THE SCALLOP DRAGGERS DO TO THE OCEAN FLOOR AND FISHING GROUNDS. SO, YES NONE OF US CAN POINT A FINGER AT THE OTHER ONE. N OW WE HAVE AN OWNER THAT HAS AGREED TO CLOSE BOAT HARBOUR AND BUILD A NEW STATE OF THE ART TREATMENT FACILITY EVEN THOUGH HE HAS AN AGRREMENT TO RUN TO 2030. THIS OWNER HAS INHERITED THIS PROBLEM FROM PREVIOUS OWNERS BUT IS WILLING TO CLOSE BOAT HARBOUR IF GIVEN THE CHANCE. SURE PEOPLE SAY THE MILL HAS BEEN GIVEN 5 YEARS TO HAVE THIS DONE BUT THEY CLEARLY DO NOT COMPREHEND THE MAGNITUDE OF SUCH A PROJECT. THE GOVERNMENT FIRST WANTED 7 STUDIES WHICH GREW TO 27 AND THEN MARGARET MILLER WANTED AN EXTRA 19 STUDIES TO ANSWER SOME QUESTIONS HER DEPT. HAD ON THIS PROJECT. THIS ALL TAKES TIME AS

YOU CAN SEE BY THE 4000 PAGE FOCUS REPORT RECENTLY SUBMITTED TO YOU AND YOUR DEPT. EVEN IN BUILDING A HOUSE THINGS POP UP DELAYING THE PROJECT AS IS THE CASE WITH THE MILL. PEOPLE WANT A CLASS 2 ASSESSMENT ON THE PROJECT AND THE MILL WOULD HAVE GIVEN IT IF THEY HAD THE TIME BUT THEY WERE TRYING TO MAKE THE DEADLINE PREMIER MCNEIL HAD SET FOR BOAT HARBOUR. CLEARLY, MR. MCNEIL UNDER ESTIMATED THE SCOPE OF THIS PROJECT. WITH THE 46 STUDIES DONE ON THIS SURELY THERE IS AN OVERLAP BETWEEN A CLASS 1 AND CLASS 2 ENVIRONMENTAL STUDY. EVEN AFTER ALL THAT HAS BEEN DONE THE FISHERMEN AND THE FIRST NATIONS ARE NOT WILLING TO ACCEPT A CLASS 2 ASSESSMENT OR LISTEN TO THE SCIENCE IN THE FOCUS REPORT DONE BY MANY REPUTABLE COMPANIES WHICH HAVE PUT THEIR NAME ON THIS DOCUMENT. SO THERE IS NO WINNING WITH THESE GROUPS WHO HAVE BEEN FED A LOT OF MISINFORMATION THROUGH THE SOCIAL MEDIA BY SO CALLED EXPERTS WHO HAVEN'T GOT A CLUE WHAT IS INVOLVED IN A BLEACH KRAFT PULP MILL. THESE PEOPLE HAVE BEEN LED TO BELIEVE THAT THERE IS A CLOSED LOOP SYSTEM AVAILABLE FOR BLEACHED KRAFT PULP MILLS BUT IT HAS BEEN PROVEN THAT THE SCIENCE IS THERE BUT NOT THE TECHNOLOGY TO MAKE THIS WORK. THIS TYPE OF PULP MILL NEEDS A BODY OF WATER TO DISCHARGE ITS TREATED EFFLUENT INTO BEING A LAKE, RIVER OR OCEAN. NOW FOR SOME ECONOMIC SENSE. THE MILL CLOSURE WILL RESULT IN THE COMPLETE DEVASTATION OF THE FOREST INDUSTRY FOR NOVA SCOTIA. SAW MILLS LIKE ELMSDALE LUMBER, LEDWIDGE LUMBER, FREEMANS LUMBER JUST TO NAME WILL CEASE OPERATION ALMOST IMMEDIATELY AS THEY WILL HAVE NO MARKET FOR THEIR CHIPS, BARK, OR SAWDUST WHICH THE PULP MILL TAKES. THIS WILL RESULT IN 10,000 - 12,000 JOBS LOST IN THE FORESTRY SECTOR. THERE ARE 42,000 TRUCKS GO INTO THE MILL EVERY YEAR, THAT WILL STOP. THE SPINOFFS WILL RESULT IN 1500 COMPANIES WHO DO BUSINESS WITH THE MILL WILL CEASE. 60 OF CONTAINER TRAFFIC TO THE PORT OF HALIFAX WILL BE NO MORE. THE COUNTIES OF CUMBERLAND, PICTOU AND COLCHESTER WILL BE THE HARDEST HIT ALONG WITH THE PROVINCES OF NS, PEI AND NB FEELING THE EFFECTS OF SUCH A CATASTROPHE. MALLS, GROCERY STORES, GAS STATIONS, CAR DEALERSHIPS, REAL ESTATE COMPANIES, PRICES OF HOMES WILL BE WORTHLESS ETC. JUST GO TO TOWNS IN NS LIKE LIVERPOOL OR IN NB LIKE DALHOUSIE, MIRAMICHI THAT HAVE LOST A PULP MILL AND SEE THE RESULTS OF A CLOSURE OF A PULP MILL. A PERSON COULD GO ON AND ON ABOUT WHAT WILL HAPPEN TO THE ECONOMY OF NS AND THE FOREST INDUSTRY. FISHERIES, FORESTRY AND MINING HAVE COEXISTED FOR MANY YEARS AND THERE IS NO REASON FOR IT NOT TO CONTINUE IF COMMON SENSE AND SCIENCE IS APPLIED TO THIS SITUATION. ENVIRONMENTAL SAFEGUARDS ARE IN PLACE TO PROTECT THE FISHERIES. GIVE THIS OWNER THE CHANCE TO BUILD THIS FACILITY AND APPLY THIS STATE OF THE ART TECHNOLOGY THAT EXISTS IN OVER HALF OF THE 88 MILLS IN CANADA AND IS PREVALENT IN MILLS IN FINLAND, SWEDEN, NORWAY. COUNTRIES THAT ARE VERY STRINGENT ON FOLLOWING ENVIRONMENTAL LAWS AND STANDARDS. THE COMPANY HAS DONE THEIR HOMEWORK ON THIS PROJECT BY HIRING VERY REPUTABLE COMPANIES WHICH ARE LEADERS IN THEIR FIELDS IN THE CONSTRUCTION OF EFFLUENT TREATMENT FACILITIES THROUGHOUT THE WORLD. NOT ONE EMPLOYEE OF NORTHERN PULP IS NOT CONCERNED ABOUT

THE FUTURE OF THE ENVIRONMENT BE IT ON LAND OR WATER. WE ALL LIVE HERE WITH OUR FAMILIES,FRIENDS,NEIGHBOURS,ETC. RIGHT NOW THE EFFLUENT GOING TO BOAT HARBOUR IS UNTREATED. WITH THE NEW SYSTEM THE EFFLUENT LEAVING THE MILL WILL BE ALREADY TREATED SO A LEAK WILL NOT BE DETRIMENTAL TO THE ENVIRONMENT EVEN THOUGH NO HARMFUL HAVE OCCURRED IN THE PAST. THE NEW SYSTEM WILL HAVE THICKER PIPE,EMPLOY STATE OF THE ART LEAK DETECTORS,CHILLERS TO REDUCE TEMPERATURE DIFFERENCE IN EFFLUENT TEMPERATURE AND SEAWATER. ALSO, PART 2 OF THE PROJECT WILL RESULT IN O2 DELIGNIFICATION INSTALLED IN THE MILL TO REDUCE CHEMICAL USAGE AND WATER REDUCTION WHICH IS A WIN/WIN FOR BOTH THE MILL AND THE ENVIRONMENT. A PERSON COULD GO ON AND ON ABOUT THIS PROJECT BUT I HOPE WHEN IT COMES DOWN TO YOU AND YOU DEPARTMENT MAKING A DECISION ON THIS VERY IMPORTANT PROJECT THAT YOU WILL USE COMMON SENSE AND SCIENCE AND TECHNOLOGY TO RENDER YOUR DECISION. THE ECONOMY OF NOVA SCOTIA AND THE WELL BEING OF THOUSANDS RESTS IN YOUR HANDS. DO NO BE INFLUENCED BY A MISINFORMED GROUP THAT GETS UP IN THE MORNING AND ASKS THEMSELVES WHAT AM I GOING TO PROTEST TODAY OR A GROUP THAT HAS BEEN AGAINST THE MILL SINCE IT OPENING.DO THE RIGHT THING AND GRANT AN EXTENSION TO BOAT HARBOUR UNTIL THE NEW TREATMENT FACILITY IS BUILT AND UP AND RUNNING. IF DOES NOT MEET ENVIRONMENTAL STANDARDS THEN YOU KNOW WHAT HAS TO BE DONE. I HAVE ALL CONFIDENCE THAT THIS PROJECT WILL BE AN OVERWHELMING SUCCESS FOR ALL. I AWAIT YOUR DECISION IN THE NOT SO DISTANT FUTURE. Name: @live.com Address:

Municipality: NEW GLASGOW Postal-Code: Phone:  
Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 45 y: 11

**From:**  
**To:** [Environment Assessment Web Account](#); [ceaa.northernpulp.acee@ceaa-acee.gc.ca](mailto:ceaa.northernpulp.acee@ceaa-acee.gc.ca); [Sean.Fraser@parl.gc.ca](mailto:Sean.Fraser@parl.gc.ca)  
**Subject:** Colour of Effluent is more than an Aesthetic Issue  
**Date:** November 6, 2019 3:01:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Hello Minister Wilson,

On pg 93 the Focus Report the proponent describes "colour" as "an aesthetic issue, not regulated or measured". It continues on pg 94 to say, In the future, with the proposed AST process and expected reductions in COD, treated effluent will have less colour than today at Point A of Boat Harbour.

This is concerning since they are comparing future treated effluent to present untreated effluent. Also, this is more than an "aesthetic issue" with several scientific documents pointing to the risks and impacts the colour of effluent can cause .

In this [article](#) , on page 6 it states that **"The dark colour and turbidity often has serious consequences on disposal into water bodies"** .

Page 8 states, **"The dark color and high turbidity due to suspended solids can cause the problems of both water opacity and blanketing of river or lakebeds. Severe blanketing may result in anaerobic decomposition under the blanket releasing hydrogen sulphide into aquatic ecosystems. The dark colour and blanketing can reduce photosynthetic activity in aquatic plants (Singh et al 2004). This leads to a chain of adverse effects on the aquatic ecosystem as the growth of primary consumers as well as secondary and tertiary consumers are adversely affected (Ruggicro et al. 1989). Therefore, it becomes necessary to remove color and toxicity before they can be accepted into surface waters."**

One more [article](#) for your review. One section in their paper stated **"Moreover, studies seem to indicate that the residual colour in pulp mill effluents could be linked to the recalcitrant COD [35]. Recalcitrant organic matter is supposed to be partly responsible for long-term toxicity in receiving waters [21]. As discussed earlier, it is widely reported that the residual recalcitrant organic matter is composed predominantly by high molecular weight components, which are not metabolized due to its size."**

With the following info above, the Focus Report cannot be approved because they are not taking Colour of Effluent into consideration.

Sincerely,

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**From:** [@freemanlumber.com](mailto:@freemanlumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 3:15:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: this is a very good plain as it will be better for the environment and the fisherys Name: Email:  
@freemanlumber.com Address: Municipality: greenfield Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 54 y:  
20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 3:22:55 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a tradesmen, family member of fishermen and my father and grandfather retired from the silviculture field all here in Nova Scotia, having Northern Pulp is very important to everyone here in the province. It is not just a job, but thousands of jobs, whether its in the mill, sub-contracted tradesmen, product and sales personel, and people who are involved with forestry are all affected with the survival AND upgrades at Northern Pulp. These thousands of jobs if lost will cause the economy more than money, but a future. The government says they will help with those affected getting jobs and education, but the reality is there are few jobs. And to go back to school is not something most of us can do easily. With this new water treatment facility it will not only offer full-time and part-time jobs, but also improve the enviroment, which is Canadas first priority. Right? To appose this will jeopardise the mills existance and allow another country to see this and create a pulp mill less efficient and cause more global enviromental impact. Does our province, and country want this? It is faft we have high standards here in Canada, lets be the example and prove to the world why we have them! Thanks, Name:

Email: @gmail.com Address:

Municipality: Cheticamp Postal-Code:

Fax:

email\_message: Privacy-Statement: agree x: 45 y: 30

**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 3:26:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am an employee at Northern Pulp, of years. With all the data requested to be collected in the recent focus report, I like the fact that it indicates there will be no significant impact on marine species. The findings on potential ice scour at 3m in depth state that the pipeline burial inside outside the harbour is appropriate to offset any potential impacts. Also, 3rd party experts compiled data and analyzed it in the focus report and indicated no significant residual environmental impacts predicted for the construction of this future project. With all the data provided in the focus report, science based, there is no reason not to give Northern Pulp approvals for this state of the art treatment facility. Name: @northernpulp.com

Address: Municipality: Hilden Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 65 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Focus Report  
**Date:** November 6, 2019 3:36:47 PM  
**Attachments:** [focus report response.doc](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Pictou NS

Dear Premier Stephen McNeil and Minister for the Environment Gordon Wilson,

I am writing in relation to Northern Pulp's Focus Report for their Replacement Effluent Treatment Facility project.

My name is . I grew up in Pictou, moved to Halifax in 1991 and then moved back home in 2005. I have followed and been very involved in most things related to Northern Pulp since 2013. I am one of the .

I responded to Northern Pulp's EA submission and I don't feel all of my concerns were actually addressed. Looking at their responses in concordance to other questions, I get the sense that others weren't either. Seeing an answer like "This question will be relayed to NSE" is not an answer to a question, it's sending the question somewhere else and whatever the results of that question/concern being sent to NSE does not show up in the focus report.

The first point I want to make is on Northern Pulp's failure to adequately go through the process for filing their EA submission as well as their response to the focus report. Public engagement is a key component to the process. The open houses that Northern Pulp had in 2017 presented a plan to pump the effluent into the mouth of Pictou Harbour and their ETF proposal material showed that an oxygen delignification system would be part of the process. I expressed concerns during the consultation process that there were no public information sessions in Pictou - the largest community who would be affected by the effluent being discharged at the mouth of Pictou Harbour. Northern Pulp completely changed their pipe route and submitted their ETF proposal that did not include an oxygen delignification system without a public consultation open house to explain their changes. Therefore anyone who attended the previous sessions were misled going into the submission portion of the process into believing a different plan was being put forward. It was bad enough that there had not been a session in Pictou or anywhere else that had shown that the pipe would traverse Pictou's watershed. People in Caribou who did not know the plan would be to pump the effluent into their front yard were suddenly dealing with needing to play catch up with understanding how the plans in the 1700 page submission would affect them.

On page one, it reads, "NPNS proposes to build a new replacement ETF to facilitate and support the Province's rehabilitation of A'se'k (Boat Harbour)." Northern Pulp do not support the province's plan to rehabilitate A'se'k. Asking for an indefinite extension that ignores the province's legislated deadline of Jan 31, 2020 impedes the province's plans for the rehabilitation of A'se'k (Boat Harbour).

With the Focus Report, the instructions included keeping key stakeholders aware of information being gathered. In September, the fishers association expressed concern over not being kept in the loop. A couple days before NP announced they were submitting their Focus Report response, they did an information dump without giving stakeholders adequate time to process the information. That goes against the intent of the Focus Report's direction on stakeholders. Northern Pulp gives their consultation engagement level a mark from medium to high involvement. Correct information and timeliness must not have been included in that assessment.

Northern Pulp have 14 failed air emissions tests, 2 Ash slurry spills, 8 directives, 5 ministerial order and 2 warning reports. They were put on Canada's Environmental Offenders Registry for their 47 Million Litre effluent leak in 2014 and their present Industrial Approval says they have to have a flow monitoring system in place to indicate if there were another leak. In October 2018 another major leak was only discovered when someone was walking their dog in the woods - not by any leak detection monitoring system that Northern Pulp put in place. That is currently under investigation.

Section 7 of the mill's industrial Approval states that:

d) The Approval Holder shall monitor flow at Point A, the end of the effluent transmission pipe, on a continuous basis. This data shall be recorded daily and tabulated monthly e) The Approval Holder shall operate and maintain real time flow monitoring equipment at the end of the effluent transmission pipeline which is designed to immediately notify the Approval Holder in the event of a total loss of flow or a reduction of flow below normal operating conditions f) The Approval Holder shall immediately investigate any flow reduction or loss notification received from equipment outlined in Condition 7(e). These incidents, together with the reason for the loss or reduction of flow causing the alarm, shall be recorded and tracked monthly g) The Approval Holder shall immediately notify the Department of a loss or reduction of flow which results or may result in a release of untreated effluent to the environment.

On page 48 of Northern Pulp's Focus report response, it says "Point A flow data would have been used for the design review if the flow meter at that location possessed the accuracy required for the evaluation."

Point A is where the effluent comes out of the pipe and spills into the settling ponds. If Northern Pulp were meeting the terms of their industrial approval, why wasn't there adequate flow monitoring equipment at Point A?

The biggest concern I have with Northern Pulp's plan has to do with their inability to meet the terms of their IA. One of the points that was brought up as a concern by myself and the Town of Pictou was Northern Pulp's plan to pump water over our watershed. In NP's response they said they would use thicker pipes with leak detection capabilities. NP has a proven track record of failing to either prevent leaks or to monitor their pipes adequately. They did not even explore the idea in the context of the

concern brought up through their EA application for their ETF to move the pipe route away from our water. I would be concerned with this proposal even if I trusted a company to do what they said they were going to do. Northern Pulp have not done anything to earn that trust.

Where is the accountability for Northern Pulp's inability to meet the terms of their industrial approval? What influence does being placed on Canada's Environmental Offenders Registry have on this ETF proposal? There is a lot of language in both NP's EA submission as well as their Focus Report response that says they 'will' do something or that the details will be laid out in their Industrial Approval. There is even reference to their seeing improvement in air emissions with the adding of an oxygen delignification system and it directs the reader to the appendix 1.0 for 'more details'. In that addendum it states "the future Oxygen Delignification system was considered in the design of the ETF and will be managed as a separate project to be undertaken after the ETF project is completed." There is nothing in the focus report or NP's original EA application that says when this will be added. First of all, I don't really believe this will be added at any point or they would have stated a time frame. Secondly, NP's "using BATEA (Best Available Technology Economically Achievable) principles" tells me that they aren't going to pay for it if they don't have to. If they are granted an IA based on a new ETF that doesn't have the oxygen delig, then those BATEA principles says that either the taxpayer is on the hook or it's not getting installed because they can Economically Achieve the goal of operating without it. And most importantly, if this is a component that isn't part of the current ETF plan, it shouldn't be in the Focus Report because it has nothing to do with what Northern Pulp is planning to build right now. It should have no affect on any decisions. I feel that Northern Pulp are asking for a leap of faith that they have not earned.

From page iv) of the report "Constructing and operating methodologies conducted in a manner consistent with Northern Pulp Environmental Management System (EMS) which incorporates operational policies and practices for monitoring and management of, for example, land and soil resources, air and water, noise and vibration, hazardous materials and waste, community health and safety, and cultural heritage; and Developing and implementing an overall Environmental Management Plan (EMP) and Environmental Protection Plan (EPP) for construction activities that will be included in, and enforced through, construction contracts."

Has Northern Pulp's "Environmental Management System" with its "operational policies and practices for monitoring and management" been in place the entire time that they have been working under their Industrial Approvals? Was this the practice that lead to failing their emissions tests in Dec 2016 and June 2017 while failing one of the 3 stack tests in June 2019 only getting a pass thanks to averaging three tests? Is their "Environmental Management Plan (EMP) and Environmental Protection Plan (EPP)" practices showing up in their receiving a ministerial order on October 10th, 2017 or the Directive issued in February 2018 after the slurry ash leak?

Now we're being asked to trust their plan to move upwards of 85 million litres of effluent per day through Pictou Harbour, across the Town of Pictou's watershed, over various water courses exiting into Caribou Harbour at an as yet undecided location, pumped about 4kms into the Northumberland Strait after passing by Munroe's Island which is part of the province's 12% protected area because of its delicate eco system.

And let's get to that 85 million litres. According to NP's present Industrial Approval, they are supposed to reduce water consumption to 70 million litres a day. In NP's response to the focus report, I see they are using 85 million litres as their standard metric for calculations. A Foipop shows that they are using that amount because of direction they've gotten from NSE. Does this mean that water reductions are off the

table should NP be granted a new Industrial Approval despite their litany of failings?

When it comes to the amount of effluent NP would be pumping into the Strait, Northern Pulp has said that it would be about 62 million litres per day on average. They've also explained in their response to the focus report that the discrepancy in the amount of water consumed by the mill and the amount coming out in the form of effluent has to do with the pulping process where about 10% of water is used in the process. That would lead me to believe the numbers they are using for water consumption would be the 70 million litres when they are coming up with that 62 million litres number. 90% of 85 million would suggest that number should be 76.5 Million litres of effluent. I find that concerning where it creates the impression that they could be using 85 million litres for their concentration calculations and 62 Million litres for their aggregate dissolvable calculations. Being an ordinary citizen who does not have the resources to do source testing I guess that's just another leap of faith that Northern Pulp, a company on Canada's Environmental Offenders list, is on the up and up with everything they're doing.

Earlier this year, Northern Pulp finally released their EARD. As was pointed out by respondents and confirmed by NSE and then Minister for the Environment Margaret Miller, the EARD was lacking in a lot of information as well as requiring direction on how to proceed which led the province to issue the Focus Report. In the leadup to the EARD being submitted there were two notable events which speak to Northern Pulp's credibility.

First there was the Fishers/First Nations blockade. After delaying the announcement of their first pipe route, Northern Pulp chose to blame their not moving quicker on their ETF plan on having to battle water reduction targets as laid out in the original 2015 Industrial Approval through 2016. Thanks to a recent foipop, we found out that NP and the govt were in negotiations to decide how much money the govt was going to pay to NP to complete their EA process. As it turned out, we the tax payer footed that bill. Then through the NFA and foipop, we found out that the delay through 2017 was actually caused when Bruce Chapman tried to draw a line in the sand stating that Northern Pulp needed 10 year terms for their industrial approvals and the water reduction targets weren't working for them. NSE held firm and pointed out that they couldn't even issue an Industrial Approval to NP if they didn't have a functioning ETF. Finally, NP presented their first plan that had aspects that had failed in previous attempts to do the same that included ice scouring from the shallow waters in their chosen outflow location. Northern Pulp's attempts to survey their new location was met with a blockade. Kathy Cloutier, Paper Excellence's Communications person said that the reason why there was a delay in NP's getting anything submitted was due to the blockade. When they did submit their EARD, as expected, marine surveys were not complete. Of course, neither were the land surveys, migratory bird surveys, risk to human health studies or species at risk studies none of which were blocked by anyone.

The other notable event was on January 31st, 2019 when NP decided to have their press conference announcing that they were going to submit their EARD within the next week. During their press conference that they scheduled to take place during the Pictou Landings First Nations celebration to mark the Closure of Boat Harbour to begin in one year, Kathy Cloutier said that NP wanted to build a better relationship with the PLFN, wanted to see Boat Harbour remediated, that they had "shared goals" with the PLFN and that they wanted to put the sad legacy of Boat Harbour behind them. Then, after years of saying they would honour the Boat Harbour Act, Cloutier stated that they were asking for an indefinite extension on the use of Boat Harbour.

These two incidents demonstrate that Northern Pulp care more about spin and manipulation of facts than reality. The blockade didn't cause NP to be late with their submission. They caused that but wanted it characterized as being someone else's fault. Northern Pulp doesn't want the image of someone at odds with the community so they lied in saying they had shared goals with the PLFN with an event timed to

coincide in an attempt to take media focus away from the PLFN because they did not want the reality clear that the Pictou Landings First Nations are not accepting of an extension. When Northern Pulp comes to 'conclusions' that there will be no harm to fisheries, the marine environment, our drinking water, the air we breathe, our human health, species at risk or anything else, I don't believe them. They stated the same conclusions with their EARD without doing the work. How have any of the actions that I have been describing proven that Northern Pulp deserves the social license to proceed with a project of this magnitude when so much could be put at risk economically through the potential to hurt the fishing and tourism industries, environmentally and our health?

Right from the get go in NP's focus report response, they state that the effluent has been going into the Northumberland Strait for over 50 years. The effluent dilution model on page 95 (figure 4.2-6) shows in a one-month simulation from 2016 that what leaves Boat Harbour hugs the coast line and backs up into Pictou Harbour. It gives no indication that the flow of effluent that leaves Boat Harbour goes very far into the Strait. That is a far cry from NP's present plan to pump their effluent directly into the Northumberland Strait. NP also talks about the effluent that leaves the diffusers reaching back ground levels within 20 metres. Even using NP's metric of 62,000 cubic metres (62 million litres) a day, that would mean that over 40 cubic metres of effluent would be pumped into that 20 metre range every single minute, 60 minutes an hour, 24 hours a day, 365 days a year. The only way I can see that small 20 metre box of effluent consistently reaching background levels with such a low rate of outflow of water in the Northumberland Strait thanks to tidal conditions that basically moves the water one way for six hours and then back for another six hours is if the effluent becomes the background.

"Treated effluent" is what comes out of Boat Harbour now. According to what a Northern Pulp engineer said to NSE that was accessed by lawyer Jamie Simpson through a foipop, the effluent coming from Boat Harbour now is better than what will be coming out of the new proposed facility. The flow charts in NP's response to the focus report (page 95 of focus report) that shows the concentration of effluent seems to mimic the charts on where you cannot eat mussels due to health concerns over Leukemia. "Treated Effluent" is effluent.

Why was the modeling data only collected over a one month period? Are there different modeling conditions that would exist in other times of the year? From page 7-8: "The higher density of the marine water in winter compared to the effluent density may increase the mixing of the effluent (improved dilution) in winter under ice." The word 'may' indicates that it also 'may not'. This report uses the word 'may' a lot. It's the 'who knows' catchall for incomplete research that seems to show the bias that has gone into this process. With Northern Pulp's EARD submission, they stated that no harm were predicted when it came to fishing/fisheries, marine life, species at risk and human health even though they hadn't done the work which precipitated the government issuing the Focus Report. This is yet another in a long litany of Northern Pulp going with what they want the results to indicate before or without proving that the results are so.

On page iii, the report says, "A variety of environmental protection and management measures have been adopted through the development of the project to date in order to guide the planning, design, construction, operation and maintenance, and ultimate decommissioning of the project." After listing 6 points it adds, "Northern Pulp has emphasized project design and siting so that the location and configuration of the project facilities considers the above measures **wherever possible** so as to avoid or minimize the potential environmental effects of the project. **Where avoidance is not possible, mitigation or compensation measures** have been developed as part of the Environmental Assessment (EA), and will be implemented in consultation with the applicable regulatory authorities."

This tells me a few of things:

- 1) They have not identified all areas where their measure for protection and management are needed.
- 2) They do not have a plan to deal with potential risks
- 3) They believe that mitigation and compensation are equal to prevention.

Mitigation and prevention are definitely not equal to prevention. What sort of compensation will be given out to the Town of Pictou should we not be able to drink our water due to another Northern Pulp leak that occurred while they were supposed to be monitoring for leaks? What sort of compensation would be given to the fishing industry should fishing be shut down due to the area losing its stewardship? Fishing is a \$2B industry in Nova Scotia. When a single case of Mad Cow disease hit Alberta, it cost their beef industry approximately \$3B. You can quarantine cattle. You can't quarantine the Northumberland Strait while continuing to pulp up to 85 million litres of effluent into the Northumberland Strait each day.

From page 158: "The proposed realigned treated effluent pipeline route is within an area that was previously, and continues to be, a highly disturbed habitat (due to construction, maintenance and noise from roadways, commercial areas, and agricultural activities)." I find this to be flawed logic in trying to justify any stress that construction or facilitation of any part of the pipeline. If a migratory species like the double breasted cormorant that nests along the highway already faces risks due to traffic, how does adding more risk to their habitat become justified? To me, that's like holding a cup of coffee that is filled to the brim and believing it's okay to risk burning your hand by adding another half cup to that mug because it's already at risk of overflowing. This seems to be the logic that's at play with other birds and species at risk with this report. That quote that I took at the start is being used as justification by Northern Pulp to build the pipe when in actuality, it's a statement of how precarious of a situation these identified species are and how building the pipe creates added risk.

Talks about using the highway's ROW with TIR are still ongoing. Part of the focus reports directions was to address the plan to build the pipeline into the shoulder of the road. Stating that NP still does not have permission to do what they want with their pipe route shows that they haven't met the terms of the focus report at the time of their response. And how does that affect this proposal should all or even portions of the route be unacceptable? Respondents are given a short window to respond to this massive submission. If alterations, even slight, are made after that window is closed, the public would not have a chance to respond. This is an admission that Northern Pulp did not meet the conditions or directions what was asked of the focus report.

On page four it states that the project "May, in fact, reduce fossil fuels." The word 'may' indicates that it also 'may not' reduce fossil fuels. What evidence is there that shows this will happen?

From Page xxxvii:

"Northern Pulp will be responsible for:

1. Operation, maintenance, and inspection of ETF components, the effluent pipeline, and marine outfall and diffuser assembly;
2. Sludge management and operation of the facility's power boiler for incineration of sludge, including air quality monitoring;
3. Monitoring of effluent quality discharged to the receiving environment;
4. Ensuring the effluent pipeline system is operated in accordance with applicable regulations;
5. Maintenance of above and below ground facilities;
6. Emergency response; and

7. Awareness and education of local stakeholders, including members of the public and emergency responders."

With NP being in charge of everything from creation to release and every aspect in between, will Northern Pulp now own the effluent and all of the liabilities involved? With Northern Pulp being so negligent with their current implementation of the effluent process, I do not see how the province can accept a deal where this company is held without liability for their actions given their track record. Why is there no leak detection system on the marine portion of the pipe? The marine portion takes the pipe past Munroe's Island which is supposed to be a protected environmental area.

On page 20 it says Marine Geotechnical survey work was done in the summer. It also states that ice scour must be considered. Why wasn't marine work done in the winter? I know someone reading this may say that it wasn't done in the winter because of the fisher's blockade. The problem with that argument is that if that work had been completed (which would have occurred in October/November, not the winter) that info would have been presented with NP's EARD submission and I would have been left asking why there wasn't any summer survey work done, since they made no attempts to do any survey work in the summer prior to their EARD submission. How would bathymetry have changed if the survey work were done in the other seasons?

The diffuser will not be buried. The intense ice flow in the winter poses a major risk to it being damaged.

The pipe has a 'guaranteed' design life of 50 years. There should be a plan to remove and replace this pipe in that time. The mill itself had a design life of 25 years and is going into its 53 year. Where is the plan to replace that?

The portion of the Focus Report response on the Spill Basin Overflow, makes no reference to air emissions or odours. There also isn't anything related to monitoring the spill basin for emissions. Why is the spill basin basically a well lined open pit with pumps? Would the toxic emissions that would come from this open air overflow basin be akin to the emissions present at Point A of Boat Harbours ETF? There is also no information on human risk assessment related to this basin. I appreciate the need for their being a plan in place for a basin like this in the event that this 50+ year old mill that was designed to last 25 years which has many ongoing issues. This protection plan should be self contained and monitored in addition to having information on any human health risks it may cause.

Best Available Technology Economically Achievable (BATEA) is a concern when it is being applied to a project this concerning that poses such a risk to our health, the environment and other industries. If something needs to be done, but Northern Pulp deems they don't want to pay for it, it's not getting done. That principle is being used throughout the design of this proposal. This is why a key component like the oxygen delignification system is mentioned but not part of this ETF plan. That is likely Best Available Technology but they don't want to pay for it.

Why is it not known if the sediment will be replaced on the seafloor as preferred or at sea? "At this time, the construction method described in Section 3.0 assumes that sediment will preferably be placed back on the seafloor. However, if during construction it is decided the sediment would best be disposed of at sea, NPNS will apply to ECCC for approval to dispose of the dredging material at sea. The quantity of

sediment to be dredged will be better known once final design is complete." Why isn't a decision on this able to be made as part of the project design? How much is BATAE coming into play with making this decision? What are the affects on the Strait when it comes to digging up to 4kms of sediment and dumping it at sea on marine life? What happens if it can't be replaced and permission is not granted for dumping the sediment at sea?

"Arsenic concentrations exceeded the CCME ISQG benchmark of 7.24 mg/kg at several sampling locations and sediment depths ranging from 7.3 mg/kg to 12 mg/kg). Exceedances for this parameter were generally localized to the area between the Caribou Harbour Ferry Terminal and Munro's Island and concentrations remained below the CCME Probable Effects Level (PEL). The PEL is defined as the level above which adverse biological effects are usually or always observed; · Copper exceeded the CCME ISQG of 18.7 mg/kg in two samples collected within along the proposed pipeline at VC-12-2 (41 mg/kg) and VC-16-3 (19 mg/kg) (z), but did not exceed the PEL at any location. Two chlorinated dioxin compounds (1,2,3,4,6,7,8-Hepta CDD and 1,2,3,4,6,7,8- Hepta CDF) exceeded the CCME ISQG benchmark (0.85 pg/g both compounds) at VC16-1 which was located just west of Munro's Island. " How does disturbing 4kms of sediment with exceedances in arsenic and copper or the two chlorinated dioxin compounds affect marine life?

On page xxi, Northern Pulp describes their connectivity to the forest industry. Again, like the Oxygen Delignification system that is not part of their plans to build with this ETF plan and Northern Pulp's economic data included in this report, it has nothing to do with how well the ETF and pipe plan will work from an environmental assessment stand point and shouldn't be included in this report. I have friends/family who either work or have worked at the mill under different owners and spin offs related to the mill. Through my involvement with trying to understand the process, I've been fortunate enough to have had a couple dozen people who either work at the mill or mill related businesses who have reached out to me to help me. Even the people who are worried about losing their jobs whose main motivation in reaching out to me is in hopes that their help would lead my thinking to end with my supporting this proposal have been very helpful. There are a lot of good people who are at risk with Northern Pulp putting together a bad plan. All this connectivity does for me is remind me of how much Northern Pulp is letting everyone down with their bad plan based more on spin then science, their own personal economic gain than the health and welfare of the community or even other industries, that cannot be accepted.

On the topic of the Boat Harbour Act's closure date. That date was a negotiated agreement between the Government of Nova Scotia and the Pictou Landings First Nations. That was a deal that prevented Northern Pulp from having to close in 2014 after Northern Pulp's 47 million litre effluent leak. The Pictou Landings First Nations have promises of a Boat Harbour closure with remediation made and broken many times by many premieres going back to 1991. Northern Pulp were given 5 years to come up with a replacement. The Forestry Industry of Nova Scotia had 5 years to prepare for the possibility that Northern Pulp may fail to put the effort forward to protect their mill. The use of Boat Harbour of Boat Harbour is a well documented case of environmental racism which has been acknowledged by our govt. Mr. McNeil has stated that this is not the 1960's anymore and those sort of practices cannot continue. He has also stated that he would not simply move a disaster from one location to another. This present disaster is costing tax payers currently an estimated \$217M. This proposed plan has no proof that it won't create the same sort of disaster on a larger scale. Northern Pulp is asking for an indefinite extension until they build their ETF.

Here are the reasons why you cannot legislate an extension:

1) Extending the deadline would be an extension of environmental racism. Changing the Boat Harbour Act at this point would state that the PLFN's rights are not as important as the economic gain of Northern Pulp.

2) The PLFN took a huge leap of faith based on 25 years of broken promises to the same promise that this present government has made to them. That leap of faith gave Northern Pulp enough time to come up with a plan. The premiere has acknowledged that several times.

3) There is no timeline on Northern Pulp's ask for an extension. If there is a deadline and the ETF has not been completed by that point and a future government were to strike down the Boat Harbour Legislation, this government would have opened the window to that possibility

4) As stated by Premier McNeil several times, Northern Pulp have had 5 years which was enough time to come up with a plan. Nova Scotia Forestry also had 5 years to plan for this possible eventuality. The PLFN should not have to pay for the failure of Northern Pulp and the Industry to do what they knew they had to do.

5) Present cost of clean up is estimated at \$217M. That price is only going to increase the longer it is put off.

6) This proposal is a bad plan.

So far, Premier McNeil has been steadfast in his and the government's position. He has stated many times that Boat Harbour exists because of the way people did things (racism) in the 1960's and we can't repeat those ways. He has stated many times that the mill was given enough time to come up with a solution. He has also stated that we can't just move a disaster from one location to another. Please do not add your name to a long list of Premiers who have broken promises to the PLFN to close the Boat Harbour ETF and remediate Boat Harbour. Please stay on the right side of history.

I am also including my submission minus my introduction to CEAA from earlier this year so my comments from there can be included in the provincial process for consideration since the provincial govt keeps referring to federal involvement in the provincial process included in the provincial process. If federal perspectives/positions are being included in the provincial process, than my federal concerns should be addressed as well:

Hello CEAA,

I am writing in relation to Northern Pulp's Replacement ETF project and to express my concerns for their wanting to put an effluent pipe into the Northumberland Strait.

According to our MP Sean Fraser through various discussions and from what I have gathered through understanding the process for decisions assessments in regards to pulp mills in Canada, pulp mills are treated differently and have their own set of rules. Basically, federally there are guidelines to be met in regards to the effluent and the effects of the physical pipe itself. Mr. Fraser spoke to our town council last year where he pointed out that these are guidelines that are set up in order to give industry some understanding of the expectations that have to be met in order to conduct business. This does not mean that the scope of a decision is limited as a straight pass or fail. This is a starting point to give industry direction and any other concerns are to be considered.

The Pictou Landings First Nations have stated that they will not agree to an extension and they have expressed strong opposition to any ETF so far proposed by Northern Pulp that results in an effluent pipe releasing effluent into the Northumberland Strait. The PFLN are not only First Nations which warrants special consideration from the federal government on these matters, they have the unique experience of living with the results of the environmental racism that has gone on with Boat Harbour for more than five

decades.

"The Supreme Court of Canada confirmed that Mi'kmaq and Maliseet First Nations continue to have treaty rights to hunt, fish and gather towards earning a moderate livelihood. These treaty rights must be implemented. Along with these treaty rights, First Nations maintain they continue to hold Aboriginal rights and title throughout their traditional territory. This creates a special situation unlike any other found in Canada. There is no model or generic approach to follow on how to proceed which meets everyone's circumstances, needs and interests." (1) This tells me that where there is special concern and request from either Mi'kmaq or Maliseet First Nations that according to the Supreme Court of Canada, the Federal government has to ensure a process that is acceptable to those Nations is undertaken. In regards to the state of reconciliation with the First Nations especially at the hands of more than 50 years of environmental racism, it behooves the Federal Government to ensure their concern are met.

The outflow location of the pipe is in the Northumberland Strait which is Federal waters. Multiple provinces have expressed concern for their economy, environment and health over this decision. There is a strong belief that due to the nature of the Nova Scotia provincial govt in relation to Northern Pulp as a financier and regulator as well as motivation created through liability due to the indemnity agreement that they are in a conflict of interest. I believe that that on its own is not reason enough to warrant the Federal govt to step in. That conflict of interest combined with the concerns that people have and the general belief that Nova Scotia is not doing due diligence with its assessment thanks to a decision to go with a class one environmental assessment instead a class two assessment, which according to Nova Scotia's description is warranted as described for "undertakings (that) are typically larger in scale and are considered to have the potential to cause significant environmental impacts and concern to the public" (2) creates a greater mistrust of the decision making that creates a federal concern. A waste water treatment facility capable of dumping 75+ million litres of effluent per day into the Northumberland Strait IS a large undertaking, that creates potential to cause significant environmental impacts and as this committee is aware, thousands of people have expressed their concerns. That concern has spilled over into a blockade of survey work and is likely the tip of the ice berg and a harbinger of things on a federal level involving multiple provinces should a hasty decision that can't be justified in the minds of those concerned.

Canada has made a commitment to keeping our water safe and clean and have earmarked \$1.5B towards that goal. According to Canada's Ocean Protection Plan "Canada is a maritime nation, with more coastline than any other country in the world. Canadians rely on their coasts and waterways for recreation, to deliver products to market, and to earn their livelihood, but also cherish them for cultural reasons. the Oceans Protection Plan will help keep Canadians water and coasts safe and clean, for today's use and for future generations. The Government of Canada will partner with Indigenous and coastal communities to develop a world-leading marine safety system that meets the unique needs of Canada from coast-to-coast-to-coast." (3) How is Canada making that commitment if they aren't doing assessments on projects like this? Indigenous and coastal communities from multiple provinces are asking the federal government to take the action this plan has put into writing.

The federal guidelines that concern effluent are weak. The idea that the quality of the effluent being such that putting ten trout in a bucket with the effluent and receiving a passing grade if six survive is a terrible measure for what should be acceptable in any case, let alone a case that puts a \$2B fishing industry at risk. The idea that effluent returning to background levels after 100 meters that can be manipulated by putting six diffusers spread evenly over a distance of 125 meters shows that there really isn't a limit on the amount of effluent that can be released. By that logic, if a pulp mill wanted to release one hundred times the amount of effluent, it could just have one hundred times the amount of effluent reaches and according to the same theory, it would reach background levels by 100 metres even though the spread of

diffusers would reach over one kilometre. I understand that the govt is currently working on new guidelines on dealing with the oceans. It does not make any sense to recognize that current guidelines are wrong and need change and to simply approve of a project based on problematic guidelines.

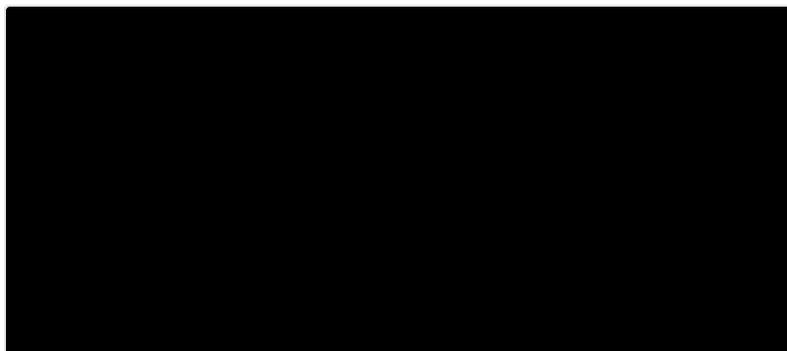
This is a summation of the points that I believe creates a strong case for Northern Pulp's Replacement ETF project requiring a Federal Environmental Assessment.

- 1) The Pictou Landing First Nations request for a Federal Assessment.
- 2) The effluent pipe would pump effluent into the Northumberland Strait which is shared by three provinces.
- 3) Large public concern from multiple provinces
- 4) Canada's Commitment to keeping Canadian waters and coasts safe and clean, for today's use and for future generations.
- 5) Protecting Canadians of multiple provinces from civil unrest by not showing not doing due diligence on a matter of Federal importance.
- 6) My belief that the guidelines don't adequately limit the amount or concentration of effluent released by a pulp mill.

Thank you for the consideration of having this project receive a federal environmental assessment. This is major issue for the Maritimes no matter what someone's positions on it are and will have a great influence on the future of our province.

Footnotes to federal portion:

- (1) <https://www.aadnc-aandc.gc.ca/eng/1100100028589/1100100028591>
- (2) [Frequently Asked Questions | Environmental Assessment | Nova Scotia Environment](#)
- (3) [Canada's Oceans Protection Plan - Transport Canada](#)



**Canada's Oceans Protection Plan - Transport Canada**

Oceans Protection Plan

Dear Premier Stephen McNeil and Minister for the Environment Gordon Wilson,

I am writing in relation to Northern Pulp's Focus Report for their Replacement Effluent Treatment Facility project.

My name is . I grew up in Pictou, moved to Halifax in 1991 and then moved back home in 2005. I have followed and been very involved in most things related to Northern Pulp since 2013.

I responded to Northern Pulp's EA submission and I don't feel all of my concerns were actually addressed. Looking at their responses in concordance to other questions, I get the sense that others weren't either. Seeing an answer like "This question will be relayed to NSE" is not an answer to a question, it's sending the question somewhere else and whatever the results of that question/concern being sent to NSE does not show up in the focus report.

The first point I want to make is on Northern Pulp's failure to adequately go through the process for filing their EA submission as well as their response to the focus report. Public engagement is a key component to the process. The open houses that Northern Pulp had in 2017 presented a plan to pump the effluent into the mouth of Pictou Harbour and their ETF proposal material showed that an oxygen delignification system would be part of the process. I expressed concerns during the consultation process that there were no public information sessions in Pictou - the largest community who would be affected by the effluent being discharged at the mouth of Pictou Harbour. Northern Pulp completely changed their pipe route and submitted their ETF proposal that did not include an oxygen delignification system without a public consultation open house to explain their changes. Therefore anyone who attended the previous sessions were misled going into the submission portion of the process into believing a different plan was being put forward. It was bad enough that there had not been a session in Pictou or anywhere else that had shown that the pipe would traverse Pictou's watershed. People in Caribou who did not know the plan would be to pump the effluent into their front yard were suddenly dealing with needing to play catch up with understanding how the plans in the 1700 page submission would affect them.

On page one, it reads, "NPNS proposes to build a new replacement ETF to facilitate and support the Province's rehabilitation of A'se'k (Boat Harbour)." Northern Pulp do not support the province's plan to rehabilitate A'se'k. Asking for an indefinite extension that ignores the province's legislated deadline of Jan 31, 2020 impedes the province's plans for the rehabilitation of A'se'k (Boat Harbour).

With the Focus Report, the instructions included keeping key stakeholders aware of information being gathered. In September, the fishers association expressed concern over not being kept in the loop. A couple days before NP announced they were submitting their Focus Report response, they did an information dump without giving stakeholders adequate time to process the information. That goes against the intent of the Focus Report's direction on stakeholders. Northern Pulp gives their consultation engagement level a mark from medium to high involvement. Correct information and timeliness must not have been included in that assessment.

Northern Pulp have 14 failed air emissions tests, 2 Ash slurry spills, 8 directives, 5 ministerial order and 2 warning reports. They were put on Canada's Environmental Offenders Registry for their 47 Million Litre effluent leak in 2014 and their present Industrial Approval says they have to have a flow monitoring system in place to indicate if there were another leak. In October 2018 another major leak was only discovered when someone was walking their dog in the woods - not by any leak detection monitoring system that Northern Pulp put in place. That is currently under investigation.

Section 7 of the mill's industrial Approval states that:

d) The Approval Holder shall monitor flow at Point A, the end of the effluent transmission pipe, on a continuous basis. This data shall be recorded daily and tabulated monthly e) The Approval Holder shall operate and maintain real time flow monitoring equipment at the end of the effluent transmission pipeline which is designed to immediately notify the Approval Holder in the event of a total loss of flow or a reduction of flow below normal operating conditions f) The Approval Holder shall immediately investigate any flow reduction or loss notification received from equipment outlined in Condition 7(e). These incidents, together with the reason for the loss or reduction of flow causing the alarm, shall be recorded and tracked monthly g) The Approval Holder shall immediately notify the Department of a loss or reduction of flow which results or may result in a release of untreated effluent to the environment.

On page 48 of Northern Pulp's Focus report response, it says "Point A flow data would have been used for the design review if the flow meter at that location possessed the accuracy required for the evaluation."

Point A is where the effluent comes out of the pipe and spills into the settling ponds. If Northern Pulp were meeting the terms of their industrial approval, why wasn't there adequate flow monitoring equipment at Point A?

The biggest concern I have with Northern Pulp's plan has to do with their inability to meet the terms of their IA. One of the points that was brought up as a concern by myself and the Town of Pictou was Northern Pulp's plan to pump water over our watershed. In NP's response they said they would use thicker pipes with leak detection capabilities. NP has a proven track record of failing to either prevent leaks or to monitor their pipes adequately. They did not even explore the idea in the context of the concern brought up through their EA application for their ETF to move the pipe route away from our water. I

would be concerned with this proposal even if I trusted a company to do what they said they were going to do. Northern Pulp have not done anything to earn that trust.

Where is the accountability for Northern Pulp's inability to meet the terms of their industrial approval? What influence does being placed on Canada's Environmental Offenders Registry have on this ETF proposal? There is a lot of language in both NP's EA submission as well as their Focus Report response that says they 'will' do something or that the details will be laid out in their Industrial Approval. There is even reference to their seeing improvement in air emissions with the adding of an oxygen delignification system and it directs the reader to the appendix 1.0 for 'more details'. In that addendum it states "the future Oxygen Delignification system was considered in the design of the ETF and will be managed as a separate project to be undertaken after the ETF project is completed." There is nothing in the focus report or NP's original EA application that says when this will be added. First of all, I don't really believe this will be added at any point or they would have stated a time frame. Secondly, NP's "using BATEA (Best Available Technology Economically Achievable) principles" tells me that they aren't going to pay for it if they don't have to. If they are granted an IA based on a new ETF that doesn't have the oxygen delig, then those BATEA principles says that either the taxpayer is on the hook or it's not getting installed because they can Economically Achieve the goal of operating without it. And most importantly, if this is a component that isn't part of the current ETF plan, it shouldn't be in the Focus Report because it has nothing to do with what Northern Pulp is planning to build right now. It should have no affect on any decisions. I feel that Northern Pulp are asking for a leap of faith that they have not earned.

From page iv) of the report "Constructing and operating methodologies conducted in a manner consistent with Northern Pulp Environmental Management System (EMS) which incorporates operational policies and practices for monitoring and management of, for example, land and soil resources, air and water, noise and vibration, hazardous materials and waste, community health and safety, and cultural heritage; and Developing and implementing an overall Environmental Management Plan (EMP) and Environmental Protection Plan (EPP) for construction activities that will be included in, and enforced through, construction contracts."

Has Northern Pulp's "Environmental Management System" with its "operational policies and practices for monitoring and management" been in place the entire time that they have been working under their Industrial Approvals? Was this the practice that lead to failing their emissions tests in Dec 2016 and June 2017 while failing one of the 3 stack tests in June 2019 only getting a pass thanks to averaging three tests? Is their "Environmental Management Plan (EMP) and Environmental Protection Plan (EPP)" practices showing up in their receiving a ministerial order on October 10th, 2017 or the Directive issued in February 2018 after the slurry ash leak?

Now we're being asked to trust their plan to move upwards of 85 million litres of effluent per day through Pictou Harbour, across the Town of Pictou's watershed, over various water courses exiting into Caribou Harbour at an as yet undecided location, pumped

about 4kms into the Northumberland Strait after passing by Munroe's Island which is part of the province's 12% protected area because of its delicate eco system.

And let's get to that 85 million litres. According to NP's present Industrial Approval, they are supposed to reduce water consumption to 70 million litres a day. In NP's response to the focus report, I see they are using 85 million litres as their standard metric for calculations. A Foipop shows that they are using that amount because of direction they've gotten from NSE. Does this mean that water reductions are off the table should NP be granted a new Industrial Approval despite their litany of failings?

When it comes to the amount of effluent NP would be pumping into the Strait, Northern Pulp has said that it would be about 62 million litres per day on average. They've also explained in their response to the focus report that the discrepancy in the amount of water consumed by the mill and the amount coming out in the form of effluent has to do with the pulping process where about 10% of water is used in the process. That would lead me to believe the numbers they are using for water consumption would be the 70 million litres when they are coming up with that 62 million litres number. 90% of 85 million would suggest that number should be 76.5 Million litres of effluent. I find that concerning where it creates the impression that they could be using 85 million litres for their concentration calculations and 62 Million litres for their aggregate dissolvable calculations. Being an ordinary citizen who does not have the resources to do source testing I guess that's just another leap of faith that Northern Pulp, a company on Canada's Environmental Offenders list, is on the up and up with everything they're doing.

Earlier this year, Northern Pulp finally released their EARD. As was pointed out by respondents and confirmed by NSE and then Minister for the Environment Margaret Miller, the EARD was lacking in a lot of information as well as requiring direction on how to proceed which led the province to issue the Focus Report. In the leadup to the EARD being submitted there were two notable events which speaks to Northern Pulp's credibility.

First there was the Fishers/First Nations blockade. After delaying the announcement of their first pipe route, Northern Pulp chose to blame their not moving quicker on their ETF plan on having to battle water reduction targets as laid out in the original 2015 Industrial Approval through 2016. Thanks to a recent foipop, we found out that NP and the govt were in negotiations to decide how much money the govt was going to pay to NP to complete their EA process. As it turned out, we the tax payer footed that bill. Then through the NFA and foipop, we found out that the delay through 2017 was actually caused when Bruce Chapman tried to draw a line in the sand stating that Northern Pulp needed 10 year terms for their industrial approvals and the water reduction targets weren't working for them. NSE held firm and pointed out that they couldn't even issue an Industrial Approval to NP if they didn't have a functioning ETF. Finally, NP presented their first plan that had aspects that had failed in previous attempts to do the same that included ice scouring from the shallow waters in their chosen outflow location. Northern Pulp's attempts to survey their new location was met with a blockade. Kathy Cloutier, Paper Excellence's Communications person said that the reason why there was a

delay in NP's getting anything submitted was due to the blockade. When they did submit their EARD, as expected, marine surveys were not complete. Of course, neither were the land surveys, migratory bird surveys, risk to human health studies or species at risk studies none of which were blocked by anyone.

The other notable event was on January 31st, 2019 when NP decided to have their press conference announcing that they were going to submit their EARD within the next week. During their press conference that they scheduled to take place during the Pictou Landings First Nations celebration to mark the Closure of Boat Harbour to begin in one year, Kathy Cloutier said that NP wanted to be build a better relationship with the PLFN, wanted to see Boat Harbour remediated, that they had "shared goals" with the PLFN and that they wanted to put the sad legacy of Boat Harbour behind them. Then, after years of saying they would honour the Boat Harbour Act, Cloutier stated that they were asking for an indefinite extension on the use of Boat Harbour.

These two incidents demonstrate that Northern Pulp care more about spin and manipulation of facts than reality. The blockade didn't cause NP to be late with their submission. They caused that but wanted it characterized as being someone else's fault. Northern Pulp doesn't want the image of someone at odds with the community so they lied in saying they had shared goals with the PLFN with an event timed to coincide in an attempt to take media focus away from the PLFN because they did not want the reality clear that the Pictou Landings First Nations are not accepting of an extension. When Northern Pulp comes to 'conclusions' that there will be no harm to fisheries, the marine environment, our drinking water, the air we breathe, our human health, species at risk or anything else, I don't believe them. They stated the same conclusions with their EARD without doing the work. How have any of the actions that I have been describing proven that Northern Pulp deserves the social license to proceed with a project of this magnitude when so much could be put at risk economically through the potential to hurt the fishing and tourism industries, environmentally and our health?

Right from the get go in NP's focus report response, they state that the effluent has been going into the Northumberland Strait for over 50 years. The effluent dilution model on page 95 (figure 4.2-6) shows in a one-month simulation from 2016 that what leaves Boat Harbour hugs the coast line and backs up into Pictou Harbour. It gives no indication that the flow of effluent that leaves Boat Harbour goes very far into the Strait. That is a far cry from NP's present plan to pump their effluent directly into the Northumberland Strait. NP also talks about the effluent that leaves the diffusers reaching back ground levels within 20 metres. Even using NP's metric of 62,000 cubic metres (62 million litres) a day, that would mean that over 40 cubic metres of effluent would be pumped into that 20 metre range every single minute, 60 minutes an hour, 24 hours a day, 365 days a year. The only way I can see that small 20 metre box of effluent consistently reaching background levels with such a low rate of outflow of water in the Northumberland Strait thanks to tidal conditions that basically moves the water one way for six hours and then back for another six hours is if the effluent becomes the background.

"Treated effluent" is what comes out of Boat Harbour now. According to what a Northern Pulp engineer said to NSE that was accessed by lawyer Jamie Simpson through a foipop, the effluent coming from Boat Harbour now is better than what will be coming out of the new proposed facility. The flow charts in NP's response to the focus report (page 95 of focus report) that shows the concentration of effluent seems to mimic the charts on where you cannot eat mussels due to health concerns over Leukemia. "Treated Effluent" is effluent.

Why was the modeling data only collected over a one month period? Are there different modeling conditions that would exist in other times of the year? From page 7-8: " The higher density of the marine water in winter compared to the effluent density may increase the mixing of the effluent (improved dilution) in winter under ice." The word 'may' indicates that it also 'may not'. This report uses the word 'may' a lot. It's the 'who knows' catchall for incomplete research that seems to show the bias that has gone into this process. With Northern Pulp's EARD submission, they stated that no harm were predicted when it came to fishing/fisheries, marine life, species at risk and human health even though they hadn't done the work which precipitated the government issuing the Focus Report. This is yet another in a long litany of Northern Pulp going with what they want the results to indicate before or without proving that the results are so.

On page iii, the report says, "A variety of environmental protection and management measures have been adopted through the development of the project to date in order to guide the planning, design, construction, operation and maintenance, and ultimate decommissioning of the project." After listing 6 points it adds, "Northern Pulp has emphasized project design and siting so that the location and configuration of the project facilities considers the above measures **wherever possible** so as to avoid or minimize the potential environmental effects of the project. **Where avoidance is not possible, mitigation or compensation measures** have been developed as part of the Environmental Assessment (EA), and will be implemented in consultation with the applicable regulatory authorities."

This tells me a few of things:

- 1) They have not identified all areas where their measure for protection and management are needed.
- 2) They do not have a plan to deal with potential risks
- 3) They believe that mitigation and compensation are equal to prevention.

Mitigation and prevention are definitely not equal to prevention. What sort of compensation will be given out to the Town of Pictou should we not be able to drink our water due to another Northern Pulp leak that occurred while they were supposed to be monitoring for leaks? What sort of compensation would be given to the fishing industry should fishing be shut down due to the area losing its stewardship? Fishing is a \$2B industry in Nova Scotia. When a single case of Mad Cow disease hit Alberta, it cost their beef industry approximately \$3B. You can quarantine cattle. You can't quarantine the

Northumberland Strait while continuing to pulp up to 85 million litres of effluent into the Northumberland Strait each day.

From page 158: "The proposed realigned treated effluent pipeline route is within an area that was previously, and continues to be, a highly disturbed habitat (due to construction, maintenance and noise from roadways, commercial areas, and agricultural activities)." I find this to be flawed logic in trying to justify any stress that construction or facilitation of any part of the pipeline. If a migratory species like the double breasted cormorant that nests along the highway already faces risks due to traffic, how does adding more risk to their habitat become justified? To me, that's like holding a cup of coffee that is filled to the brim and believing it's okay to risk burning your hand by adding another half cup to that mug because it's already at risk of overflowing. This seems to be the logic that's at play with other birds and species at risk with this report. That quote that I took at the start is being used as justification by Northern Pulp to build the pipe when in actuality, it's a statement of how precarious of a situation these identified species are and how building the pipe creates added risk.

Talks about using the highway's ROW with TIR are still ongoing. Part of the focus reports directions was to address the plan to build the pipeline into the shoulder of the road. Stating that NP still does not have permission to do what they want with their pipe route shows that they haven't met the terms of the focus report at the time of their response. And how does that affect this proposal should all or even portions of the route be unacceptable? Respondents are given a short window to respond to this massive submission. If alterations, even slight, are made after that window is closed, the public would not have a chance to respond. This is an admission that Northern Pulp did not meet the conditions or directions what was asked of the focus report.

On page four it states that the project "May, in fact, reduce fossil fuels." The word 'may' indicates that it also 'may not' reduce fossil fuels. What evidence is there that shows this will happen?

From Page xxxvii:

"Northern Pulp will be responsible for:

1. Operation, maintenance, and inspection of ETF components, the effluent pipeline, and marine outfall and diffuser assembly;
2. Sludge management and operation of the facility's power boiler for incineration of sludge, including air quality monitoring;
3. Monitoring of effluent quality discharged to the receiving environment;
4. Ensuring the effluent pipeline system is operated in accordance with applicable regulations;
5. Maintenance of above and below ground facilities;
6. Emergency response; and
7. Awareness and education of local stakeholders, including members of the public and emergency responders."

With NP being in charge of everything from creation to release and every aspect in between, will Northern Pulp now own the effluent and all of the liabilities involved? With Northern Pulp being so negligent with their current implementation of the effluent process, I do not see how the province can accept a deal where this company is held without liability for their actions given their track record. Why is there no leak detection system on the marine portion of the pipe? The marine portion takes the pipe past Munroe's Island which is supposed to be a protected environmental area.

On page 20 it says Marine Geotechnical survey work was done in the summer. It also states that ice scour must be considered. Why wasn't marine work done in the winter? I know someone reading this may say that it wasn't done in the winter because of the fisher's blockade. The problem with that argument is that if that work had been completed (which would have occurred in October/November, not the winter) that info would have been presented with NP's EARD submission and I would have been left asking why there wasn't any summer survey work done, since they made no attempts to do any survey work in the summer prior to their EARD submission. How would bathymetry have changed if the survey work were done in the other seasons?

The diffuser will not be buried. The intense ice flow in the winter poses a major risk to it being damaged.

The pipe has a 'guaranteed' design life of 50 years. There should be a plan to remove and replace this pipe in that time. The mill itself had a design life of 25 years and is going into its 53 year. Where is the plan to replace that?

The portion of the Focus Report response on the Spill Basin Overflow, makes no reference to air emissions or odours. There also isn't anything related to monitoring the spill basin for emissions. Why is the spill basin basically a well lined open pit with pumps? Would the toxic emissions that would come from this open air overflow basin be akin to the emissions present at Point A of Boat Harbours ETF? There is also no information on human risk assessment related to this basin. I appreciate the need for their being a plan in place for a basin like this in the event that this 50+ year old mill that was designed to last 25 years which has many ongoing issues. This protection plan should be self contained and monitored in addition to having information on any human health risks it may cause.

Best Available Technology Economically Achievable (BATEA) is a concern when it is being applied to a project this concerning that poses such a risk to our health, the environment and other industries. If something needs to be done, but Northern Pulp deems they don't want to pay for it, it's not getting done. That principle is being used throughout the design of this proposal. This is why a key component like the oxygen delignification system is mentioned but not part of this ETF plan. That is likely Best Available Technology but they don't want to pay for it.

Why is it not known if the sediment will be replaced on the seafloor as preferred or at sea? "At this time, the construction method described in Section 3.0 assumes that

sediment will preferably be placed back on the seafloor. However, if during construction it is decided the sediment would best be disposed of at sea, NPNS will apply to ECCC for approval to dispose of the dredging material at sea. The quantity of sediment to be dredged will be better known once final design is complete." Why isn't a decision on this able to be made as part of the project design? How much is BATAE coming into play with making this decision? What are the affects on the Strait when it comes to digging up to 4kms of sediment and dumping it at sea on marine life? What happens if it can't be replaced and permission is not granted for dumping the sediment at sea?

"Arsenic concentrations exceeded the CCME ISQG benchmark of 7.24 mg/kg at several sampling locations and sediment depths ranging from 7.3 mg/kg to 12 mg/kg). Exceedances for this parameter were generally localized to the area between the Caribou Harbour Ferry Terminal and Munro's Island and concentrations remained below the CCME Probable Effects Level (PEL). The PEL is defined as the level above which adverse biological effects are usually or always observed; · Copper exceeded the CCME ISQG of 18.7 mg/kg in two samples collected within along the proposed pipeline at VC-12-2 (41 mg/kg) and VC-16-3 (19 mg/kg) (z), but did not exceed the PEL at any location. Two chlorinated dioxin compounds (1,2,3,4,6,7,8-Hepta CDD and 1,2,3,4,6,7,8- Hepta CDF) exceeded the CCME ISQG benchmark (0.85 pg/g both compounds) at VC16-1 which was located just west of Munro's Island. " How does disturbing 4kms of sediment with exceedances in arsenic and copper or the two chlorinated dioxin compounds affect marine life?

On page xxi, Northern Pulp describes their connectivity to the forest industry. Again, like the Oxygen Delignification system that is not part of their plans to build with this ETF plan and Northern Pulp's economic data included in this report, it has nothing to do with how well the ETF and pipe plan will work from an environmental assessment stand point and shouldn't be included in this report. I have friends/family who either work or have worked at the mill under different owners and spin offs related to the mill. Through my involvement with trying to understand the process, I've been fortunate enough to have had a couple dozen people who either work at the mill or mill related businesses who have reached out to me to help me. Even the people who are worried about losing their jobs whose main motivation in reaching out to me is in hopes that their help would lead my thinking to end with my supporting this proposal have been very helpful. There are a lot of good people who are at risk with Northern Pulp putting together a bad plan. All this connectivity does for me is remind me of how much Northern Pulp is letting everyone down with their bad plan based more on spin then science, their own personal economic gain than the health and welfare of the community or even other industries, that cannot be accepted.

On the topic of the Boat Harbour Act's closure date. That date was a negotiated agreement between the Government of Nova Scotia and the Pictou Landings First Nations. That was a deal that prevented Northern Pulp from having to close in 2014 after Northern Pulp's 47 million litre effluent leak. The Pictou Landings First Nations have promises of a Boat Harbour closure with remediation made and broken many times by many premiers going back to 1991. Northern Pulp were given 5 years to come up with a

replacement. The Forestry Industry of Nova Scotia had 5 years to prepare for the possibility that Northern Pulp may fail to put the effort forward to protect their mill. The use of Boat Harbour of Boat Harbour is a well documented case of environmental racism which has been acknowledged by our govt. Mr. McNeil has stated that this is not the 1960's anymore and those sort of practices cannot continue. He has also stated that he would not simply move a disaster from one location to another. This present disaster is costing tax payers currently an estimated \$217M. This proposed plan has no proof that it won't create the same sort of disaster on a larger scale. Northern Pulp is asking for an indefinite extension until they build their ETF.

Here are the reasons why you cannot legislate an extension:

- 1) Extending the deadline would be an extension of environmental racism. Changing the Boat Harbour Act at this point would state that the PLFN's rights are not as important as the economic gain of Northern Pulp.
- 2) The PLFN took a huge leap of faith based on 25 years of broken promises to the same promise that this present government has made to them. That leap of faith gave Northern Pulp enough time to come up with a plan. The premiere has acknowledged that several times.
- 3) There is no timeline on Northern Pulp's ask for an extension. If there is a deadline and the ETF has not been completed by that point and a future government were to strike down the Boat Harbour Legislation, this government would have opened the window to that possibility
- 4) As stated by Premier McNeil several times, Northern Pulp have had 5 years which was enough time to come up with a plan. Nova Scotia Forestry also had 5 years to plan for this possible eventuality. The PLFN should not have to pay for the failure of Northern Pulp and the Industry to do what they knew they had to do.
- 5) Present cost of clean up is estimated at \$217M. That price is only going to increase the longer it is put off.
- 6) This proposal is a bad plan.

So far, Premier McNeil has been steadfast in his and the government's position. He has stated many times that Boat Harbour exists because of the way people did things (racism) in the 1960's and we can't repeat those ways. He has stated many times that the mill was given enough time to come up with a solution. He has also stated that we can't just move a disaster from one location to another. Please do not add your name to a long list of Premiers who have broken promises to the PLFN to close the Boat Harbour ETF and remediate Boat Harbour. Please stay on the right side of history.

I am also including my submission minus my introduction to CEAA from earlier this year so my comments from there can be included in the provincial process for consideration since the provincial govt keeps referring to federal involvement in the provincial process included in the provincial process. If federal perspectives/positions are being included in the provincial process, than my federal concerns should be addressed as well:

Hello CEAA,

I am writing in relation to Northern Pulp's Replacement ETF project and to express my concerns for their wanting to put an effluent pipe into the Northumberland Strait.

According to our MP Sean Fraser through various discussions and from what I have gathered through understanding the process for decisions assessments in regards to pulp mills in Canada, pulp mills are treated differently and have their own set of rules. Basically, federally there are guidelines to be met in regards to the effluent and the effects of the physical pipe itself. Mr. Fraser spoke to our town council last year where he pointed out that these are guidelines that are set up in order to give industry some understanding of the expectations that have to be met in order to conduct business. This does not mean that the scope of a decision is limited as a straight pass or fail. This is a starting point to give industry direction and any other concerns are to be considered.

The Pictou Landings First Nations have stated that they will not agree to an extension and they have expressed strong opposition to any ETF so far proposed by Northern Pulp that results in an effluent pipe releasing effluent into the Northumberland Strait. The PFLN are not only First Nations which warrants special consideration from the federal government on these matters, they have the unique experience of living with the results of the environmental racism that has gone on with Boat Harbour for more than five decades.

"The Supreme Court of Canada confirmed that Mi'kmaq and Maliseet First Nations continue to have treaty rights to hunt, fish and gather towards earning a moderate livelihood. These treaty rights must be implemented. Along with these treaty rights, First Nations maintain they continue to hold Aboriginal rights and title throughout their traditional territory. This creates a special situation unlike any other found in Canada. There is no model or generic approach to follow on how to proceed which meets everyone's circumstances, needs and interests." (1) This tells me that where there is special concern and request from either Mi'kmaq or Maliseet First Nations that according to the Supreme Court of Canada, the Federal government has to ensure a process that is acceptable to those Nations is undertaken. In regards to the state of reconciliation with the First Nations especially at the hands of more than 50 years of environmental racism, it behooves the Federal Government to ensure their concern are met.

The outflow location of the pipe is in the Northumberland Strait which is Federal waters. Multiple provinces have expressed concern for their economy, environment and health over this decision. There is a strong belief that due to the nature of the Nova Scotia provincial govt in relation to Northern Pulp as a financier and regulator as well as motivation created through liability due to the indemnity agreement that they are in a

conflict of interest. I believe that that on its own is not reason enough to warrant the Federal govt to step in. That conflict of interest combined with the concerns that people have and the general belief that Nova Scotia is not doing due diligence with its assessment thanks to a decision to go with a class one environmental assessment instead a class two assessment, which according to Nova Scotia's description is warranted as described for "undertakings (that) are typically larger in scale and are considered to have the potential to cause significant environmental impacts and concern to the public" (2) creates a greater mistrust of the decision making that creates a federal concern. A waste water treatment facility capable of dumping 75+ million litres of effluent per day into the Northumberland Strait IS a large undertaking, that creates potential to cause significant environmental impacts and as this committee is aware, thousands of people have expressed their concerns. That concern has spilled over into a blockade of survey work and is likely the tip of the ice berg and a harbinger of things on a federal level involving multiple provinces should a hasty decision that can't be justified in the minds of those concerned.

Canada has made a commitment to keeping our water safe and clean and have earmarked \$1.5B towards that goal. According to Canada's Ocean Protection Plan "Canada is a maritime nation, with more coastline than any other country in the world. Canadians rely on their coasts and waterways for recreation, to deliver products to market, and to earn their livelihood, but also cherish them for cultural reasons. the Oceans Protection Plan will help keep Canadians water and coasts safe and clean, for today's use and for future generations. The Government of Canada will partner with Indigenous and coastal communities to develop a world-leading marine safety system that meets the unique needs of Canada from coast-to-coast-to-coast." (3) How is Canada making that commitment if they aren't doing assessments on projects like this? Indigenous and coastal communities from multiple provinces are asking the federal government to take the action this plan has put into writing.

The federal guidelines that concern effluent are weak. The idea that the quality of the effluent being such that putting ten trout in a bucket with the effluent and receiving a passing grade if six survive is a terrible measure for what should be acceptable in any case, let alone a case that puts a \$2B fishing industry at risk. The idea that effluent returning to background levels after 100 meters that can be manipulated by putting six diffusers spread evenly over a distance of 125 meters shows that there really isn't a limit on the amount of effluent that can be released. By that logic, if a pulp mill wanted to release one hundred times the amount of effluent, it could just have one hundred times the amount of effluent reaches and according to the same theory, it would reach background levels by 100 metres even though the spread of diffusers would reach over one kilometre. I understand that the govt is currently working on new guidelines on dealing with the oceans. It does not make any sense to recognize that current guidelines are wrong and need change and to simply approve of a project based on problematic

guidelines.

This is a summation of the points that I believe creates a strong case for Northern Pulp's Replacement ETF project requiring a Federal Environmental Assessment.

- 1) The Pictou Landing First Nations request for a Federal Assessment.
- 2) The effluent pipe would pump effluent into the Northumberland Strait which is shared by three provinces.
- 3) Large public concern from multiple provinces
- 4) Canada's Commitment to keeping Canadian waters and coasts safe and clean, for today's use and for future generations.
- 5) Protecting Canadians of multiple provinces from civil unrest by not showing not doing due diligence on a matter of Federal importance.
- 6) My belief that the guidelines don't adequately limit the amount or concentration of effluent released by a pulp mill.

Thank you for the consideration of having this project receive a federal environmental assessment. This is major issue for the Maritimes no matter what someone's positions on it are and will have a great influence on the future of our province.

Footnotes to federal portion:

(1) <https://www.aadnc-aandc.gc.ca/eng/1100100028589/1100100028591>

(2) [Frequently Asked Questions | Environmental Assessment | Nova Scotia Environment](#)

(3) [Canada's Oceans Protection Plan - Transport Canada](#)

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**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** NP replacement effluent treatment facility project (public comment)  
**Date:** November 6, 2019 3:39:13 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Dear Honourable Gordon Wilson, Minister of Environment

Our names are \_\_\_\_\_ and we are writing in response to the Focus Report on Northern Pulp's proposed replacement effluent treatment facility project. We have lived and worked in the health care profession in Pictou County for 40 years and have raised \_\_\_\_\_ children here. We have also spent a great portion of our lives doing community service work and have from day one of our adult lives, supported and worked both Provincially and Federally for the \_\_\_\_\_ Party.

We are asking that you rule against Northern Pulp's proposal to put a pipe into the Northumberland Straight to discharge the mill's effluent. We understand that this part of the decision process is to be science based. We are not environmental scientists and cannot therefore speak to every aspect of this very "lengthy" proposal. Here however, are the scientific facts we do know.

1). FACT

Every scientist in the world agrees that the earth environmentally is in crisis and, if large scale, effective measures are not soon taken, we will not be able to reverse the "Global Warming Effect".

2). FACT

It is CLEAR from our recent election that Canadians have put environment issues at the top of their list of concern and want effective change. They chose the Liberal Party (both provincially and federally) because they believe in your ability to make this change happen.

3). FACT

**WE HAVE THE TECHNOLOGY**

Donald Burt MacKenzie was hired as an engineer for the construction of this mill in 1965. At that time they were looking at a 20 year life span. The technology now exists to have a "closed loop system" where NO effluent is released from any mill. In Mr. MacKenzie's own words, "Yeah, it has passed it's life". (The Mill by Joan Baxter pg. 37)

4). FACT

**OUR OCEANS AND TIDES ARE CHANGING**

Bruce Hatcher (Cape Breton University biologist). Mr Hatcher says he understands the argument of "diffusion is the solution to pollution", where the proposed water effluent may flow into a current that mainly flows west to the Atlantic. But, major changes are coming to the Straight from climate change, and research shows the waters may become more like a swirling washing machine than a conveyor belt to deeper waters. Global climate change is accelerating and any standard predictive models of what water does in the Northumberland Straight are less valid. (The Chronicle Herald, Nov. 30, 2018)

This could very well become an environmental effect that cannot be mitigated.

In closing, if this pipe is approved to pump this mill's waste into our waters, it will mean another 50 yrs of sickness and misery - only now it will come from "Land, Air and Sea"!

Honourable Minister, we are your people. Please help us.

Most sincerely,

Abercrombie, NS

Sent from my iPad

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 3:48:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Im pleased to have an opportunity to provide comments regarding the Focus Report for the Northern Pulp Replacement Effluent Treatment Facility Project, an essential development for the future of forestry in Nova Scotia. Im a past Forestry employee and in particular the former employee at the Spruce Falls Mill in Kapuskasing. For many years the mill was allowed to dump mass volumes of very toxic chemicals into the Kapuskasing River. In the 1980s, the mill moved to develop and implement a Chemical Treatment Plant. Today, the waterways again are vibrant and all stakeholders get to enjoy this waterway in many different ways. The future of the Northern Pulp mill, is to have Boat Harbour facility close. I firmly believe there can be a solution that supports good jobs, protects the environment and respects First Nations rights. The employees, and their families, live and work in the communities around the mill and have the highest interest in building a truly sustainable future. The science clearly supports approval of Northern Pulp's proposed wastewater treatment facility. The proposed new treatment facility will see the replacement of the existing plant with a state of the art wastewater treatment facility that will result in a significant improvement in the way treated wastewater is discharged. All stakeholders will profit from this investment. The Focus Report provided a science-based review arising from twenty plus different investigations and analyses. These scientific analyses include environmental baseline studies, engineering designs, archaeological investigations, receiving water modeling, and Mi'kmaq Ecological Knowledge Studies, among others. The new effluent treatment facility will meet all requirements of the Nova Scotia Environment Act, it will also comply with several other essential regulations. This facility will be well regulated to ensure that it meets the highest standards for safe operation and environmental protection and additionally, third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Since Paper Excellence has taken over the mill their goal has been to improve safety, efficiency, productivity and to make environmental improvements. Millions have been invested since 2011 toward reducing effluent flow reducing odorous, particulate, and greenhouse gas emissions and to improve air quality monitoring. Strong regulations in a global industry, Canada has world-leading environmental regulation, including some of the most forward thinking and sustainable forestry management legislation and practices in the world. Nova Scotia, like all provinces, has excellent forestry management legislation through the Nova Scotia Forestry Act, and continues to modernize and improve on policy and regulation through the Nova Scotia Code of Forest Practice. A comparison of Northern Pulp's effluent performance to Canada's other 22 stand alone Kraft facilities was performed and additionally, Paper Excellence provided air emissions and solid waste data for its nine other facilities in Canada and France. Keeping in mind that each of these mills already operate in accordance with all existing environmental regulations, the evidence shows that Northern Pulp performs as well, or better, than the majority of the other mills. The Nova Scotia Environment Act is recognized as an essential piece of legislation designed to protect our shared environment, and guides our economic development. The link between environmental and economic prosperity, recognizes that long-term economic prosperity depends upon sound

environmental management and that effective environmental protection depends on a strong economy. It is on this principle that policy-makers need a full understanding of the vital economic role played by Northern Pulp in the broader forestry industry, rural communities and the wider Nova Scotia economy. The mill provides for good jobs in many smaller and rural communities with high unemployment, and where good jobs are scarce. If the mill is allowed to close, the impact will be devastating not only for the workers at Northern Pulp, their families, and communities, but for the entire province. There is a very large supply chain that support the mill operation. About 2,679 full-time equivalent jobs are supported by the mill. Millions in tax revenues is generated annually to the provincial and federal governments and a closure of the mill would remove tax revenue benefits from the economy. Forestry is one of the most sustainable industries we have, with prospects for a bright future, but only if we make the right choices. There is choice in front of us now. I strongly believe that approval of the Northern Pulp Replacement Effluent Treatment Facility Project is the right choice for the members of Northern Pulp, the broader forestry sector, all stakeholders and rights holders, and the province of Nova Scotia. Name: @gmail.com Address:

Municipality: Bath Postal-Code:

Fax:

email\_message: Privacy-Statement: agree x: 60 y: 27

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Comments on Northern Pulp Focus Report  
**Date:** November 6, 2019 3:53:11 PM  
**Attachments:** [BRN3C2AF46228E4\\_0000003396.pdf](#)

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**From:** @scotsburnlumber.com>  
**Sent:** November 6, 2019 3:51 PM  
**To:** Minister, Env <Minister.Environment@novascotia.ca>  
**Subject:** Comments on Northern Pulp Focus Report

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Thank you for your time and consideration on this matter.

Name: \_\_\_\_\_

Address:       Pictou      

E-mail:       @ScotsburnLumber.com      

Signature \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

Attention: Hon. Gordon Wilson, Minister of Environment

As an employee / family member of Scotsburn Lumber Ltd. Our mill has been running successfully since we restarted operations in 2012. We currently operate on a two shift basis and process about 90+ MMBF per year. Our operation is vitally dependant on Northern Pulp. Currently, 65% of the studwood we process ends up either as sawmill chips, hogfuel or sawdust and shavings. We sell the product we make at Scotsburn throughout Canada and the United States. If we have no market for our residual products then we will be in a very dire situation. Our industry is very interconnected where each section is critically dependant on the other for material for success. The loss of the largest pulpmill in the province that currently purchases over 90% of the sawmill chips would be a devastating blow to our industry..... one that would be difficult if not impossible to overcome. The vast majority of studwood that our sawmill uses comes from private land in Nova Scotia. If there is little or no market for studwood and pulpwood in the province then the 60,000+ landowners will be negatively impacted by this decision.

We have had the opportunity to review the Focus Report for the new Environmental Treatment Facility (ETF). It is my understanding that this facility will be world class that will meet and exceed all Provincial and Federal environmental regulations. The current Boat Harbour ETF through benchmarking by 3<sup>rd</sup> party experts shows that Northern Pulp is currently operating as an average to above average facility when compared to like facilities throughout Canada. The new facility will be an improvement on this.

I trust that the science presented through the Focus Report will allow the future construction of a new ETF for Northern Pulp. I know that the Forestry and Fishing sector has co-existed for the last 50+ years and both have had long term success. I see in the focus report that fishermen are setting traps close to the outfall of Boat Harbour. If there was truly an impact on fishing I know that this would not occur. The Focus Report was prepared by 3<sup>rd</sup> party experts and show data that indicate no significant adverse environmental impacts have been predicted for this projects construction or future operation.

We all want Boat Harbour restored to its natural state. We need the government of N.S. to keep the commitment to clean up this area, at the same time allow Northern Pulp the time to construct their new ETF facility before clean up begins. Failure to do so will cause irreparable damage to the forest industry as a whole in N.S.

Name: \_\_\_\_\_

Address: Westville, NS

E-mail: @scotsburnlumber.com

Signature: \_\_\_\_\_

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Attention: Hon. Gordon Wilson, Minister of Environment

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Name: \_\_\_\_\_

Address: Scotsburn NS

E-mail: @icloud.com

Signature: \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

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As an employee / family member of Scotsburn Lumber Ltd. Our mill has been running successfully since we restarted operations in 2012. We currently operate on a two shift basis and process about 90+ MMBF per year. Our operation is vitally dependant on Northern Pulp. Currently, 65% of the studwood we process ends up either as sawmill chips, hogfuel or sawdust and shavings. We sell the product we make at Scotsburn throughout Canada and the United States. If we have no market for our residual products then we will be in a very dire situation. Our industry is very interconnected where each section is critically dependant on the other for material for success. The loss of the largest pulpmill in the province that currently purchases over 90% of the sawmill chips would be a devastating blow to our industry..... one that would be difficult if not impossible to overcome. The vast majority of studwood that our sawmill uses comes from private land in Nova Scotia. If there is little or no market for studwood and pulpwood in the province then the 60,000+ landowners will be negatively impacted by this decision.

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Name: \_\_\_\_\_

Address: Scotsburn N.S.

E-mail: @eastlink.ca

Signature: \_\_\_\_\_

**RE: Northern Pulp Environmental Assessment Focus Report**

Attention: Hon. Gordon Wilson, Minister of Environment

As an employee / family member of Scotsburn Lumber Ltd. Our mill has been running successfully since we restarted operations in 2012. We currently operate on a two shift basis and process about 90+ MMBF per year. Our operation is vitally dependant on Northern Pulp. Currently, 65% of the studwood we process ends up either as sawmill chips, hogfuel or sawdust and shavings. We sell the product we make at Scotsburn throughout Canada and the United States. If we have no market for our residual products then we will be in a very dire situation. Our industry is very interconnected where each section is critically dependant on the other for material for success. The loss of the largest pulpmill in the province that currently purchases over 90% of the sawmill chips would be a devastating blow to our industry..... one that would be difficult if not impossible to overcome. The vast majority of studwood that our sawmill uses comes from private land in Nova Scotia. If there is little or no market for studwood and pulpwood in the province then the 60,000+ landowners will be negatively impacted by this decision.

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**From:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 3:53:28 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This mill should be closed down due to the pollution created and for the sake of the massive clearcuts currently being inflicted on this province! In this climate emergency that we are now faced with, we should be planting trees to act as a carbon sink, not clearcutting!!! Name: Email:  
@nshealth.ca Address: Municipality: New Glasgow Postal-Code: Phone: ### ###  
- ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 46 y: 19

Caribou Island, NS  
October 20, 2019

Hon. Gordon Wilson, Environment Minister  
Nova Scotia Environment  
1894 Barrington Street  
P.O. Box 442  
Halifax, NS B3J 2P8



Dear Minister Wilson:

Enclosed are my comments on the *Dillon Consulting Northern Pulp Nova Scotia Focus Report Replacement Effluent Treatment, Facility*, dated October 2019.

First, I would like to congratulate Dillon Consulting for an extremely detailed document. When I was in an aerospace company I managed the writing and publication of a few documents of this scope and magnitude, so I know it is a tour de force to just get it all put together and printed.

Attached is a *Project Comments/Environmental Assessment Sheet* for the document.

Following my comments on the Dillon document there are a few observations on the overall project you may be interested in; now to my comments.

#### CIOMMENTS

- Page xvi: Northern Pulp generates \$35 million with 300 employees. Clearly, this includes direct wages and salaries, payment to supplier, a Keynesian Multiplier. I would suggest a better number might be 300 employees times and average wage/salary of \$70,000, or \$21 million.
- Page xxiv: 20 tonnes of sludge is, or will be combusted daily into the atmosphere. This is totally unacceptable. Filtering of the combusted output is a necessity.
- Page 39, Table 2.4-3: TOS (Total Suspended solids) to be discharged: , kg/day, would be 1717, or 1.7 metric tonnes per day. Whatever the current allowable specification is (which I understand was written in 1992, THIS IS TOTALLY UNACDEPTALBE.
- Page 45, Figure 3.2-1: Location of Select Point Spots occurs on NPNS property. Why not just extend the currently existing pipe line into Pictou Landing, and then run it some distance form and parallel to the existing road, and then out to the Strait?
- Appendix 2.3 Characterization of Effluent: a lot of numbers no comparison as to allowable levels in drinking water of the effects of the items on humans. As a specific, arsenic in drinking water at any level is a known carcinogen

- Appendix 2.4, Treated Effluent Characteristics, Table 1-1, Time average Design Specification, Total Suspended specification, 325 mg/liter. But the Mill will be discharging some 40 m60 60 million liters per day. I calculate this to be 12 metric tonnes per day. Totally unacceptable.
- Page 11, Table 1-2, guaranteed Effluent Quality, TSS (Total suspended solids < 1875 kg/day. This is 1.875 metric tonnes per day. Totally unacceptable.

## OBSERVATIONS

This document apparently is presenting a design based on 1992 specifications for allowable pollutants. When I was in industry and we prepared a document like this, we “pushed the edge of the technology”. If the aircraft industry had not continually pushed the edge of the technology, airplanes would still look like 1903 Wright Fliers and if the automobile industry had not continuously pushed the edge of the technology, cars would still look like Model T Fords.

What I find missing is what I would call a Top Level Management Control Chart (a Gantt chart to you and me). It would show the major efforts to be performed, over time, with expected start and end dates.

In my Management course, I always had my MBA students add a spending or funds version of a Gantt Chart, coupled to the Top Level Management Control Chart. People who do this for a living would also show the Critical Path.

Based on reports in the media and personal observation, I’m not sanguine concerning the current Administration to manage anything, much less an effort of this magnitude. It must be something in the water, but don’t think this Administration could manage a hot dog at a family picnic without dropping it on the ground several times. As evidence I offer the NSHA fiasco, the War with the Teachers Union, the War with the Crown Prosecutors, the war with the health practitioners and administrators, ferry fiascos, etc., etc., etc.

In my opinion, the most likely outcome of the Dillon effort will be more shilly-shallying, and nothing will really get done.

My suggestion as to the solution to the Northern Pulp Mill environment issues is simple: Nationalize it by the Federal Government, shut it down, put all current employees on extended UI, bulldoze the current mill to the ground, and rebuild it, pushing the latest in pulp mill technology. My estimated cost for the: \$1 billion. But the jobs would be preserved for the next 50 or so years, the pollution issue would be solved and almost everyone would be happy. But nobody’s asked me.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 3:59:24 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Ns needs forestry Name:  
@hotmail.com Address: Municipality:  
Pleasantville N.S Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 53 y: 21

**From:** @live.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 4:24:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: with increasing lash back against all industries for the harm or impact they have against the environment the fact that the northern pulp project has proven that its new proposal shows no significant impact on the local marine species. Along with the oceanic life, the quality above the water will be sound as well with VOCs Volatile Organic Compounds as well as other air impurities being extremely low and well within the regulatory limits during construction and production. These statistics show that compared to previous and other locations providing similar services, northern pulp should be the last to receive any negativity. Name: @live.com  
Address: Municipality: Truro Postal-Code: Phone: ### ### - ##### Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 34 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 4:26:10 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We have been retired residents of Pictou for almost twenty years and have not seen such a contentious issue arise as The Mill controversy. There are actually many conflicting opinions and positions and so many people affected that it is hard to take a stand concerning the continuing existence of the Mill and this proposed pipe. It seems to me, in the end, that one industry has no right to endanger an existing fishing industry and in 2020 we as a province need to put concerns about air and water pollution at the top of our priorities. Name: Email:

@gmail.com Address:

Municipality: Pictou Postal-Code:

Phone:

Fax: ### ## - ##### email\_message: Privacy-Statement:

agree x: 58 y: 16

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 4:41:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: - Choose - Comments: new facility state of the art very impressed ,nice to see such great updates to mill,very much needed for enviroment Name: Email:  
@bellaliant.net Address: Municipality: antigonish Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 49 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 4:41:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a pulp mill worker at Northern Pulp. I have a young family and grew up in this community. I believe the new system should be approved if the science is there to back up the process. In the report it shows a much lesser impact to the waters surrounding Pictou County and beyond. This should be a large consideration in the decision of the report. The economics of the pulp mill are also a factor to consider as a large amount of money is generated and spent by Northern Pulp. With my young family growing up here I would not want to cause them harm and believe this facility would be an asset to them and the community. I believe an approval is the correct thing to do. Name: @hotmail.com Address:

Road Municipality: Scotsburn Postal-Code: Fax: ### ## -  
##### email\_message: Privacy-Statement: agree x: 54 y: 24

**From:** [@yahoo.co.uk](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 5:08:05 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: When is the Government going to see sense and stop this environmental monster. Shut them down for good - they do nothing for the environment except destroy it with no care for indigenous peoples, people who live in the area, wildlife, fisheries, trees or anything other than making money. Stop the greed and payoffs and do the right thing! Nova Scotia does not need this! Name: Email:  
@yahoo.co.uk Address: Municipality: Greenfield Postal-Code:  
Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 56 y: 26

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Boat Harbour  
**Date:** November 6, 2019 5:09:35 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please please stop this foolishness. The pipe can not go into the straight. North Pulp must **MUST** be held accountable and held to a higher standard. A choice to do nothing is a choice. The environment is a non negotiable product....stop this company from pillaging our province!

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Facility Project  
**Date:** November 6, 2019 5:11:05 PM

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Hon.Gordon Wilson;

This is concerning the Focus Report from Northern Pulp Nova Scotia.I think the Company has really done there homework

concerning the enviromental effects with the new effluent system.They got all the scientific proof that was required to install

this new system noting that it would be state of the art and the best in the industry.They do not wish to cause any hardship

on anyone especially the people of Pictou County.I think the Government Of Nova Scotia should give the Company an

extention so they can complete this very important project for the benifit of all Nova Scotians.Without this employer i am

afraid Pictou County will become a Ghost Town. I have worked in this industry for 37 years and am very proud to say so.

I beleive it is a no brainer decision.GIVE THE COMPANY A CHANCE TO KEEP PEOPLE EMPLOYED AS WELL AS

PROTECTING THE THE ENVIROMENT

YOURS SINSERELY

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 5:35:59 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the new  
effluent treatment facility project Name: Email:

@hotmail.com Address:

Municipality: Westville NS

Postal-Code:

### - ##### Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 62 y: 26

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 5:38:50 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We can not let this mill close it would be devastating to the entire province.there would be to many families that would suffer from tbis closure Name: @hotmail.com Address:

Municipality: Antigonish Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 73 y: 24

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [Colwell, Hon. Keith \(DFA\)](#); [Mike.Kelloway@parl.gc.ca](#); [sean.fraser@parl.gc.ca](#); [Lenore.Zann@parl.gc.ca](#); [Serge.Doucet@dfo-mpo.gc.ca](#); [pictouwestmla@bellaliant.com](#); '  
**Subject:** Focus Report GNSFPB submission  
**Date:** November 6, 2019 5:43:35 PM  
**Attachments:** [GNSFPB Focus Report Submission.pdf](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Good afternoon,

The GNSFPB respectfully submits the attached review in response to the Northern Pulp Focus Report submitted on Oct 2, 2019. The GNSFPB represents over 600 multi-species harvesters in the Gulf of Nova Scotia. As you will find in our report, we maintain that we have significant concerns related to the data gaps, broad assumptions and general lack of scientific evidence provided by Northern Pulp Nova Scotia.

Please confirm receipt of this review.

Gulf Nova Scotia Fleet Planning Board  
[@gmail.com](#)

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***The information above (and any additional links or articles) are intended for information purposes only. The Gulf Nova Scotia Fleet Planning Board did not create this content. The views and opinions expressed in the email belong to the original author, and do not necessarily mirror the views of the Gulf Nova Scotia Fleet Planning Board.***



**GULF NOVA SCOTIA FLEET PLANNING BOARD**

P.O. BOX 312

CHETICAMP, NS

BOE 1H0

Telephone: 1-902-224-2004 Fax: 1-902-224-3774

E-mail: [leonard.leblanc2@ns.sympatico.ca](mailto:leonard.leblanc2@ns.sympatico.ca)

Honourable Minister Gordon Wilson  
Nova Scotia Environment  
PO Box 442  
Halifax, NS B3J 2P8

**Re: Northern Pulp Nova Scotia, Focus Report, Replacement Effluent Treatment Facility**

Dear Hon. Minister Gordon Wilson,

The Gulf Nova Scotia Fleet Planning Board has reviewed the Focus Report submitted by Northern Pulp Nova Scotia (NPNS) on Oct 2, 2019. Due to limitations in time and resources, the comments below only cover the portions of the Focus Report relevant to the fisheries and marine environment. The Gulf Nova Scotia Fleet Planning Board represents over 600 multi-species license holders in the Gulf of Nova Scotia and is part of a fishermen's working group which represents the interests of over 3000 commercial fishing licenses and 215 communal commercial licenses in New Brunswick, Prince Edward Island, Gulf Nova Scotia and Pictou Landing First Nation.

The GNSFPB has been engaged since the beginning of this process and has reviewed the previously submitted registration and Environmental Assessment documents. We still have significant concerns that the Focus Report has failed to adequately respond to the Terms of References outlined by the Minister. NPNS has failed to present relevant and adequate evidence to prove that the fishery, considering the biological and economic components, will not be seriously harmed as result of the proposed effluent treatment facility. The Focus Report inadequately addresses the impacts of the construction of the pipeline and discharge of effluent on key fisheries life stages, habitat and general population level health. The Focus Report does not provide the necessary contextual background that identifies the Southern Gulf of St. Lawrence as an ecologically significant area, which is currently undergoing climactic shifts in ambient water quality, considering temperature and oxygen levels. The ongoing changes in the Southern Gulf are altering the ecosystem resilience and baseline tolerance thresholds for environmental conditions. There are major gaps and assumptions made throughout this Focus Report which do not sufficiently meet the terms of reference assigned by the Minister of Environment.



## American Lobster Biology

**7.0 Fish and Fish habitat TOR:** *Conduct additional impact assessment for treated effluent on representative key marine fish species important for commercial, recreational and Aboriginal fisheries. This must be based upon updated information, additional studies and/or an understanding of expected movement of contaminants. Assessment methodology must first be agreed upon by NSE in consultation with relevant federal departments.*

**7.5 Fish and Fish Habitat TOR:** *Clarify what contingency measures will be in place to mitigate potential impacts (e.g., thermal shock to fish) due to potential large and rapid fluctuations in water temperature in the winter at the diffuser location during low production or maintenance shut down periods.*

There are significant concerns regarding the potential for negative population level impacts on American lobster from the effluent discharge, specifically the presence of dioxins, furans and phenols. In addition to the presence of chemicals, there are concerns about the impacts of altering the pH, temperature, oxygen level and salinity in the receiving environment.

Considering water quality and effluent composition, we have several key concerns with the information presented by NPNS and the potential impacts on lobster health. First, NPNS predicts that effluent will have a temperature range of 25-37°C. DFO temperature probes throughout the Gulf of NS have shown annually that even during the warmest months, the average temperature does not go above 15-20°C. The effluent temperature is significantly higher than the ambient temperature in the receiving environment, and in the winter months, the thermal shock from heated effluent will be even greater. The Canadian Water Quality Guidelines for the Protection of Aquatic Life state that “Human activities should not cause changes in ambient temperature of marine and estuarine waters to exceed  $\pm 1^\circ\text{C}$  at any time, location, or depth. The natural temperature cycle characteristic of the site should not be altered in amplitude or frequency by human activities. The maximum rate of any human-induced temperature change should not exceed  $0.5^\circ\text{C}$  per hour” (CCME 2003). NPNS only outlines the contingency methods to keep the effluent within the 25-37°C temperature range but does not describe how they will meet the guideline for rate of change, or elaborate on any biological impacts resulting from the expected temperature range.

In addition to this, the near and far-field modelling was completed for a 30-day tidal cycle to identify how and where the effluent will concentrate, given tidal condition and seasonal ice cover. The model only accounts for 30 days of effluent discharge during two seasonal conditions; and does not indicate what the entrainment and dilution rates would be over months or years of accumulation. Figure 4.2-4: Simulated Effluent Concentration by End of One-month Simulation Period in February shows that after 30 days there is accumulation in the North East corner of Caribou Island. The graph supplied is difficult to analyze, but it appears that there are concentrations at least at 2.00-2.25 mg/L after just 30 days. Dilution ratios are



expected to change over the winter months, with increased accumulation rates from annual ice cover from January to April. An accumulative model is necessary to predict the accumulation of parameters of concern; parameters such as resin acids, fatty acids, AOX, PAH, and TDF which are known to bioaccumulate in sediment, tissues of invertebrates, vertebrates (El-Shahawi 2010, Lander 1990).

## **American Lobster Habitat Concerns**

### **7.2 Fish Habitat Baseline Survey TOR:** *Conduct fish habitat baseline surveys for the marine environment, to the satisfaction of Fisheries and Oceans Canada*

The proposed effluent treatment facility will cause extensive habitat displacement or destruction during the construction phase. NPNS conducted Underwater Benthic Habitat Surveys to understand the habitats and benthic communities that are present along the proposed pipeline corridor and diffuser area. The UBHS was conducted for a very limited period of only 5 days from May 3 to May 7, 2019. This limited sample window does not allow for a fulsome picture of the marine and benthic environment. The marine environment, including plant communities, benthic communities and planktonic composition fluctuate significantly on a seasonal cycle. Results from a study by Mutsamaki (2015) shows that “the patterns observed in one depth zone or season cannot be directly extrapolated to larger areas and that drawing meaningful conclusions on the small-scale distribution in the fish assemblage structure require sufficient replication of sampling in space and time”. This indicates the evidence presented in the UBHS should not be considered as a ‘meaningful’ representation of the full benthic and invertebrate communities.

The results of the limited UBHS show that there is valuable lobster habitat in all 3 areas studied (Pictou Harbour, Caribou Harbour and Diffuser Area). Lobster require different types of habitat throughout their life cycle; and DFO research indicates that availability of appropriate habitat types is a limiting factor for lobster population viability. Following the larval stage, stage IV lobsters will begin to settle on the ocean floor. Stage IV lobsters seek gravel, cobble and larger sediment to provide shelter. Younger stage IV lobsters may also use sand or silty environments to bury themselves to provide protection. As lobsters grow and mature, they are able to use multiple habitat types to create shelter. NPNS does not present any adequate plan to mitigate habitat loss or effectively replace habitat.

The Focus Report states that there is a potential effect on marine fish habitat by “direct removal, disturbance of existing substrates utilized by multiple species and their life stages due to the staging, excavation, pipe placement and material backfilling” (Table 7.3-2 Summary of Marine Impacts, Mitigation Measures and Overall Significance). The Focus Report does not provide any description of mitigation measures, including how they will replace the existing habitat or how they will design a staged timing protocol to “incorporate fisheries timing windows to avoid sensitive life stages, periods of adverse weather or spring tides to reduce



turbidity and sedimentation”. NPNS repeatedly applies a vague blanket statement that they will time the in-water work to consider a multitude of factors (life stages, weather, tides, fisheries activity) while still meeting practical requirements. In order for NPNS to meet the TOR above, and for the Minister to make an informed decision on the effectiveness of proposed mitigation measures, NPNS must provide a detailed plan on these mitigation activities (ex: staged timing of work, Erosion and Sediment Control Plans). Mitigation measures must be assessed by their specific merits and ability to reduce or eliminate harm. It cannot be sufficient to state that a plan will be developed in the future.

## **Atlantic Herring Vulnerability**

**7.3 – Impact Assessment for Marine Fish TOR:** *Conduct additional impact assessment of treated effluent on representative key marine fish species important for commercial, recreational and Aboriginal fisheries. This must be based upon updated information, additional studies and/or an understanding of expected movement of contaminants. Assessment methodologies must first be agreed upon by NSE in consultation with relevant federal department.*

Beyond the 8 ‘important fisheries’ identified for commercial, recreational and Aboriginal value, NPNS has recognized three “key indicator species” that warrant further investigation due to their importance in commercial and Indigenous harvests occurring within the LAA: American lobster, rock crab and Atlantic herring. Upon review of potential impacts on the herring fishery, NPNS has ignored a fundamental component related to the vulnerability of the herring population to impacts from the construction of the pipeline and discharge of effluent. The proponent only refers to the direct interaction with harvest activities, with no regard for the potential biological impacts.

There are two spawning stocks of herring in the Southern Gulf, Spring Spawning (SS) and Fall Spawning (FS). The SS stock has been in the critical zone since 2004, and the FS stock has been in the cautious zone since 1999 (Surette 2016). The Fall Spawning stock has 5 major spawning grounds in the Gulf of St. Lawrence; one of these few remaining spawning grounds is located near the mouth of Pictou Harbour, directly adjacent to the proposed project area (Figure 1, Surette 2016). DFO is currently developing rebuilding plans for both Spring and Fall Spawning stocks. DFO states that “Elevated fishing mortality, during the mid-1990s to 2010, declines in weights-at-age, and low recruitment rates are contributing to declines in SSB, further impeding the rebuilding of the stock.” (DFO 2018). Given DFO’s mandate to support the protection of habitat and fish stocks using the Precautionary Approach, NPNS must provide further evidence that the pipeline construction and discharge of effluent will not further inhibit the rebuilding of this critically important fish stock; including sublethal effects on reproduction and recruitment rates in order to meet the TOR for fish health.

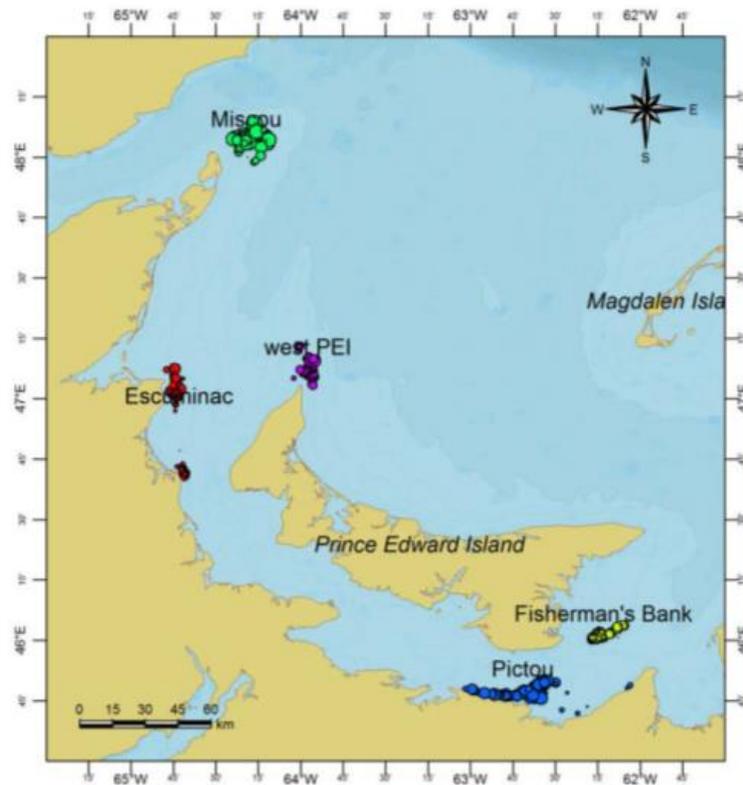


Figure 1: Herring Spawning grounds from 'Estimation of local spawning biomass of Atlantic Herring from acoustic data collected during fall commercial gillnet fishing activities in the southern Gulf of St. Lawrence' (NAFO Div. 4T). (Surette et al., 2016).

## Unique and Vulnerable Habitat Concerns

**7.3 – Impact Assessment for Marine Fish TOR:** *Conduct additional impact assessment of treated effluent on representative key marine fish species important for commercial, recreational and Aboriginal fisheries. This must be based upon updated information, additional studies and/or an understanding of expected movement of contaminants. Assessment methodologies must first be agreed upon by NSE in consultation with relevant federal department.*

In addition to the general habitat concerns above, NPNS also proposes the pipeline to be placed directly through a federally protected marine refuge, Scallop Buffer Zone 24. The Department of Fisheries and Oceans has established SFA 24 to conserve important juvenile American lobster habitat, as it is essential to the life cycle of the species. DFO states that “no human activities that are incompatible with the conservation of the ecological components of interest may occur or be foreseeable within the area” (DFO List of Marine Refuges, 2019). The construction and operation of a marine pipeline is directly incompatible with the conservation of the identified conservation objectives of SFA 24.



The presence of eelgrass is also identified by NPNS to be valuable in the life cycle of a variety of species, especially as a nursery shelter to provide protection in sandy and silty bottom types. In Table 7.3-2 Summary of Marine Impacts, Mitigation Measures, and overall significance, NPNS states that there is potential for “direct removal, disturbance of highly important habitat type for multiple species and their life stages due to the staging, excavation, pipe placement and material backfilling”. The effects are expected to be “long-term, reversible”, with the only mitigation method listed to “avoid direct removal of eel grass beds where feasible”. NPNS fails to define the extent of ‘reversible’ impacts, and does not provide an estimate of the extent to which they can feasibly avoid eel grass beds throughout Caribou Harbour. Considering the Terms of Reference, NPNS has not assessed the impact of the loss of valuable and unique habitat to the overall health of the key marine species.

## Ice Scour

**2.2 Marine Geotechnical Survey TOR:** *Conduct geotechnical surveys and provide the survey results to confirm viability of the marine portion of the pipeline route. The surveys must determine the potential impacts of ice scour on the pipeline.*

The risk of ice scouring is also present throughout the proposed area (Focus Report Section 2.2 Marine Geotechnical Survey). The marine geotechnical survey identified 146 ice scour features within the survey area. NPNS states that burying the pipeline 3 m under the seabed is appropriate to avoid scour impacts. This conclusion is based on limited information; NPNS relies on one sample from 2019 and does not consider any additional research or evidence.

## Environmental Effects Monitoring

**7.3 – Impact Assessment for Marine Fish:** *Conduct additional impact assessment of treated effluent on representative key marine fish species important for commercial, recreational and Aboriginal fisheries. This must be based upon updated information, additional studies and/or an understanding of expected movement of contaminants. Assessment methodologies must first be agreed upon by NSE in consultation with relevant federal department.*

NPNS acknowledges that there is potential for the following impacts: changes to water quality, increase in sound and vibration, disturbance to benthic habitat, disturbance to highly important nursery habitat and spawning grounds, direct mortality (of marine shellfish, benthic invertebrate community) (Table 7.3-2). Despite these impacts, they predict that “no significant residual impacts to marine water quality are expected to arise on any fisheries or fish habitat as a result of this project” (7.0 Fish and Fish Habitat). In order to confirm this conclusion, that there will be no significant residual impacts, NPNS states that they will follow up with the federally-regulated Environmental Effects Monitoring program. Given the predicted conditions, the EEM would NOT require NPNS to conduct a fish community study component or a benthic invertebrate community study. NPNS would have zero mandated requirements to monitor



impacts on the fish or benthic communities. Considering for a moment just the impacts on the lobster population, negative effects will not be fully observed until a full life cycle (6-7) has reached the commercial size. Without thoughtful, frequent and thorough monitoring, there could be catastrophic ecosystem level impacts where it is too late to intervene.

## **Fishing Activity, Human Health and Market Access**

**9.1 Baseline Study Marine Survey:** *Complete baseline studies for fish and shellfish tissue (via chemical analysis) of representative key marine species important for commercial, recreational and Aboriginal fisheries in the vicinity of the proposed effluent pipeline and diffuser location.*

The proponent is required to conduct impact assessments on the key marine fish species important for commercial, recreational and Aboriginal fisheries. In order to verify that there will be no negative impact on fisheries, NPNS must understand and take measures to mitigate interactions with physical fishing activities. NPNS uses a visual observation of lobster buoys in 2019 as a proxy for the exact location of lobster fishing activities (Figure 7.3-3: Northumberland Strait Lobster Buoy Locations). The graphic only shows buoy “clusters” observed on 3 different dates throughout the regular lobster fishing season. This attempt to pinpoint the location of fishing effort lacks relevant information in terms of the number of harvesters/vessels that fish within the area, how many buoy/lines are represented within each ‘cluster’. Generally, this shows that there was a lack of effort from NPNS to understand the most basic facts of the lobster fishing efforts in the area. The graphic fails to show that there are 20 vessels that fish lobster within 300 meters of the proposed marine outfall.

Under the TOR for the Human Health Risk Assessment portion of the Focus Report; NPNS is required to consider the impacts of human consumption of fish, other seafood and other exposure pathways. Of equal importance to the physical and biological impacts on the marine ecosystem, harvesters are concerned with the potential for challenges in marketability and the global reputation of pristine, healthy Canadian lobster. The Canadian lobster industry has an extensive export market, supplying international markets with much of our landed seafood. Canadian seafood harvesters, and the entire lobster sector, are fulfilling food security needs while providing a healthy, pristine renowned product.

NPNS states that there is a risk for tainting of seafood due to the chemical parameters identified in the effluent characterization (9.0 Human Health). NPNS compared the concentration of the parameters to the guidelines for taste and odour in water to identify the risk for tainting. There is potential for tainting under the following pathways: Total Iron, Catechol, 2-Chlorophenol, 2,3 Dichlorophenol, 2,6 Dichlorophenol, 3,4 Dichlorophenol, 2, 3, 4, 6 Tetrachlorophenol, 2,4,5 Trichlorophenol (9.0 Human Health). In addition to the physical risks of consuming tainted product, there will be detrimental impacts to the global reputation of Canadian lobster (and other seafood) products. Market perceptions of poor product quality (by tainting) can persist even if the results show safe exposure levels for consumption. This



persistent perception will prolong and deepen the impacts for harvesters and other industry stakeholders. The magnitude of this impact should not be underestimated; this a 'Canadian lobster' issue, not just a Pictou or Caribou Harbour issue.

Throughout several areas of the Focus Report, NPNS uses proxy data and conditions from other Paper Excellence Mills, including Howe Sound and Crofton kraft mills in British Columbia. NPNS considers factors such as operating temperature and sedimentation rates to act as a surrogate for expected effluent quality at the proposed ETF. Upon investigation, there are challenges related to seafood tainting and contamination throughout the BC coastline. First, in fishing areas 28-1, 28-3; consumption of crab hepatopancreas should not exceed 55g/week due to dioxin contamination. Secondly, there is a permanent prohibition of all species of bivalve molluscs across the entire coastline and connected water sources of British Columbia. The closure is due to the widespread presence of biotoxins. While these closures are not solely attributable to the Pulp and Paper Mills; NPNS is unable to prove that there would not be similar closures as a result of the increase in dioxins or biotoxins from their proposed effluent.

In closing, the GNSFPB would like to reiterate that NPNS has failed to adequately address the Terms of Reference outlined in section 7.0 Fish and Fish Habitat, 9.0 Human Health and 2.0 Project Description. Due to limitations in time and capacity, this report only reviewed the information that was relevant to the fisheries. Northern Pulp relies on major assumptions and blanketed statements to suggest that there will be no harm to the marine environment, including fish and fish habitat. There are gaps in the evidence presented, including but not limited to: impact on lobster development and population health, incomplete or non-existent commitment to follow up monitoring, lack of evidence to protect vulnerable populations or habitat such as fall spawning herring, other SARA (Cod, White Hake), Scallop Buffer Zone 24, eel grass beds, limited understanding of the seasonal impacts of ice cover and ice scouring. The importance of the global optics of the Canadian seafood brand can not be undervalued or excluded from this Environmental Assessment approach.

All of the above is respectfully submitted to the Nova Scotia Minister of Environment, the Honourable Gordon Wilson, within the 30-day public comment period for consideration of the Northern Pulp Effluent Treatment Facility Focus Report.

Sincerely,

**Gulf Nova Scotia Fleet Planning Board**



### Works Cited

2003. Canadian Water Quality Guidelines for the Protection of Aquatic Life. Canadian Environmental Quality Guidelines, Canadian Council of Ministers of the Environment.

Department of Fisheries Oceans Canada. 2019. Other Effective Area-Based Conservation Measures. Web: <https://www.dfo-mpo.gc.ca/oceans/oeabcm-amcepz/index-eng.html>

Department of Fisheries and Oceans Canada. 2018. Assessment of the Southern Gulf of St. Lawrence (NAFO DIV. 4T) Spring and Fall Spawner Components of Atlantic Herring (*Clupea Harengus*) with advice for the 2018 and 2019 Fisheries. *Canadian Science Advisory Secretariat, Science Advisory Report*

El-Shahawi MS, Hamza A, Bashammakh AS, Al-Saggaf WT. An overview on the accumulation, distribution, transformations, toxicity and analytical methods for monitoring of persistent organic pollutants. *Talanta* (2010). Vol 80 (1587-1598).

Lander L, Lindstrom K, Karlsson M, Nordin J, Sorensen L. Bioaccumulation in fish of chlorinated phenols from kraft pulp mill bleachery effluents. *Bull Environ Contam Toxicol* (1990) **18**:663–673.

Mutsamaki, N., Scheinin, M., Jokinen, H., Bonsdorff, E. 2015. Seasonal small-scale variation in distribution among depth zones in a coastal Baltic Sea fish assemblage. *ICES Journal of Marine Science*, volume 72.

Surette, T., LeBlanc, C., Claytor, R., and McDermid, J. 2016. Estimation of local spawning biomass of Atlantic Herring from acoustic data collected during fall commercial gillnet fishing activities in the southern Gulf of St. Lawrence (NAFO Div. 4T). *DFO Can. Sci. Advis. Sec. Res. Doc.* 2016/097. v + 23 p.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 5:48:40 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a forestry silviculture worker. For the past years, Ive been working for Forestry consultants and often work on Northern Pulp land. Nova Scotia needs forestry. We need to grow and tend our forests as we would our gardens otherwise, planting and maintaining it would just be another waste. Name: @hotmail.com Address:

Municipality: Westville Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 66 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 5:57:46 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am opposed to the approval of the pumping of Northern Pulps effluent in the Northumberland Strait. Northern Pulp has not provided proper proof that the effluent will not affect fisheries and water quality. The fisheries are opposed. Municipalities dont want the piped effluent anywhere near where leaks will affect their water supply. Pictou Mayor Jim Ryan said he told Northern Pulp in November, 2018 that any plans for a pipe that carries treated or untreated effluent through the watershed would be unacceptable to the town. Mayor Ryan comments about the new environmental assessment from Northern Pulp: That theres so little change to the pipeline route is a problem for Jim Ryan, Pictous mayor. The route still crosses the towns watershed, something Ryan said is unacceptable. Although Ryan and his council colleagues have made their feelings known to the company throughout the process, the mayor said hes not sure those feelings were taken seriously enough. above quote from: <https://www.cbc.ca/news/canada/nova-scotia/northern-pulp-boat-harbour-environmental-assessment-1.5309452> Sean Fraser, the newly re-elected MP for Central Nova said, We dont have enough information yet to assess whether its safe, let alone conclude that its safe, so at this time we simply dont have enough information to allow it to go ahead. above quote from: <https://www.cbc.ca/news/canada/nova-scotia/fallout-from-northern-pulp-mill-intrudes-in-central-nova-1.5305062> If approved, the Nova Scotia tax payers will end up once again paying for trying to clean up industrys irresponsible waste management agreed to by an irresponsible government decision. As we know, that cleanup can never be complete it always has a tremendous health risk as well as price tag. I refer to the multi-million dollar cleanups we are presently libel for, according to our auditor general. The province recorded a total of \$372 million this year in liability for contaminated sites, including the \$48 million for the two former mines and \$230 million for Boat Harbour. From: <https://www.thestar.com/halifax/2019/10/29/auditor-general-concerned-with-nova-scotias-inaction-on-clean-up-of-abandoned-mines.html> As long as the Nova Scotia government is continuing to subsidize and invite irresponsible industry, including irresponsible forestry practices, we will lay waste to our natural resources when we could be attracting and subsidizes healthy green industries. The tax payers of Nova Scotia will not continue to put up with this. I offer the following headline on front page of Chronicle Herald from September 17, 2019. Nova Scotia had secret pact with Northern Pulp to share environmental assessment costs <https://www.thechronicleherald.ca/news/provincial/nova-scotia-had-secret-pact-with-northern-pulp-to-share-environmental-assessment-costs-353558/> It is very clear this is an extremely bad deal for Nova Scotians. Name: @gmail.com Address: Municipality: Head Of St Margarets Bay Postal-Code: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 57 y: 19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:18:18 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I would hope that you can find a balance between good jobs and the environment. Simply shutting something down and tossing hundreds of people out of work can devastate a community. Respect for all is crucial. I trust you have the fortitude to protect families and communities. Name:

@gmail.com Address: Municipality:  
Nanaimo Postal-Code: Fax: email\_message: Privacy-Statement:  
agree x: 53 y: 29

**From:** @live.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:30:12 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please stop the pollution!!! Please, for the sake of future generations, for our current fisheries, for the sake of climate change! This mill clearly needs to be shit down! I beg you to think with you hearts on this matter! Name: @live.com Address:

Municipality: Halifax Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 48 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:33:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The company has known from studies done by their own people that the pipe method was not viable. Still, five years later they have consistently stuck to the pipe into the strait plan. They have had enough time. Do not cave in to their warnings of massive employment problems should they not get their way. Let them pay the price . Other plants owned by them have changed. They could have but didnt. Name: @gmail.com Address:

Brookfield, N.S., Municipality: Postal-Code: Phone: Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 64 y: 33

From: [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 6:40:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: November 6, 2019  
Replacement Effluent Treatment Facility Project To: Mr. Gordon Wilson and The Nova Scotia Department of Environment My name is \_\_\_\_\_ and I am a lifelong citizen 65years of the Town of Pictou. Today I am writing to you in regards to the application for permission to build an effluent treatment plant it is NOT waste water at the Northern Pulp site in Granton which also includes a pipe that will carry same said treated effluent out into the Northumberland Strait via an overland route to Caribou Harbour. This plan is due to the planned shutdown of Boat Harbour, as per the Boat Harbour Act which was passed in 2015. I am totally against this happening and I shall go into further details as to why. I am not a scientist, by trade or education, but have a Millwrights Certificate and have practiced that trade for some 35 years. In all honesty I feel with everything I have managed to get a hold of and read and what I have seen with my own eyes, one does not need much education to come to the same conclusions that I have. I find the report is lacking in many ways with much needed information that has yet to be studied and produced. But really pretty much all you need is one simple thing, which seems to be a bit of a rarity these days and that is just some good old common sense. So let's get to it and I will try to explain to you what I mean. First off, have you ever visited Boat Harbour? If not you should above all do so, before you do anything else. If you did, it makes me wonder why you would even entertain the thought of moving what is in Boat Harbour out into the middle of Prime Fishing grounds in the Northumberland Strait. Because from all that I have read, and what I have witnessed as to what is now going on in Boat Harbour and to think that basically it will be much the same thing going into the Strait. My reasoning for this is : First this comment taken from the Halifax Examiner: "Chapman's on-air boasts about effluent from the new system being better than it is now contradicts the views Northern Pulp's technical manager expressed in private communication. In an email of November 29, 2017 to Dillon consultants, she writes: Some say effluent quality [from the replacement treatment facility] will be worse than today because of all the polishing that is happening across the Boat Harbour basin" and they are correct to some extent! Then this taken from the EA 9.0 Human health Evaluation pg 489 At this time, effluent chemistry characteristics including the specific substances present in treated effluent and their anticipated concentrations will not be known with certainty until the project is operational. Finally this taken from same section of EA page 491 In the EA they also used as their example a report from Tasmania of the proposed Bell Bay Pulp Mill as to what the effluent would be like. So here they are planning to put a by product into the Strait, where Northern Pulp say they do not know what it contains now, why do they do not know that, have they not ever had it tested? Then they use a report that is in fact imaginary and just pure speculation on top of that have a technical manager from Northern Pulp saying the new treated effluent will not be as good as to what flows into Boat Barbour at present day. Does that sound good to you? Well it certainly does not feel very comforting to me at all. Now not only will this Treated Effluent have all kinds of different pollutants in it like Furins, Dioxins even Mercury and Cadmium plus some other heavy metals, there is also the fact that it will also be hot and will contain nutrients that will be a type of BOD, Biochemical Oxygen Demand and

Suspended Solids SS. All of these things are known to be acutely lethal to fish. The pipe will of course create a dead zone in the Strait. How big that dead zone will be is yet to be determined, as we are lead to believe that the effluent coming out of the pipe will be apparent all be gone within five meters of dispersal. Northern Pulp states it will meet Marine Guidelines according to one ad that they have been posting on the internet. A statement that is actually false advertising ,as there are no Marine Guidelines, where ever they got that idea from? So if you will imagine please, if you can, using the Town of Pictouâ?Ts Freshwater Containment Standpipe at the top of our Town. Then picture a total 19 of these full of effluent spilling out in the Strait in one specific place, every single day. Now tell me you believe that it will all just vanish? There is that Common Sense thing again jumping out at you! Then letâ?Ts not forget the possibility of Pipe Leaks like the three known ones. Two major ones that have happened between Boat harbour and Northern Pulp one in 2014 of 47 million lts and a more recent one in 2018, that DOE is still sitting on to tell us the results even after 13 months of investigation. So where does Northern Pulp want to run their Pipe? The route would take it right over the Town of Pictouâ?Ts watershed. This is the good and friendly neighbour that they say they are. So they want to put at risk a whole townâ?Ts water supply? Hello Common Sense ! Then of course we have the Pipe route into the Strait. Well as we all know the Strait freezes in the winter and during the breakup in the Spring we get ice moving all over the place from winds and tides. This can cause many problems, it moves underwater Buoy Bases, it gouges the seabed and it destroys wharfs and pretty much anything that gets in its way. Do a little research and find out the issue of buried sea cables and wharfs like one at Cape Pele in NB have suffered at the expense of moving ice in the Strait. The sea bed at Caribou Harbour according to Navigation Charts is made up of sand and mud which are two types of underwater terrain that are never in a stable state but continually in some kind of movement. You only need to view a sandbar at the beach and see how it changes from Tide to Tide. The pipe diffusers cannot be buried so could sustain possible damage along with the pipe itself under these types of conditions. Considering the changes in the weather these last few years and the increases in wind storms, how much does that increase the odds of damage occurring? I have seen nothing in the EA or the FR that address the problem of the pipe being damaged in the Strait and what they will do or how they will fix it. If damage happens what are the plans to repair it during the time ice is prevalent in the Strait? Will they 1. Just keep running and pumping effluent into the Strait, until such time as the ice is gone and work can be done. Or 2. Will they shutdown and cease production for perhaps two to three months till conditions are right ? OK so suppose you are happy with the Pipe and the treatment facility. Letâ?Ts turn now to what they want to do with the dried effluent by product from the facility. My understanding is they want to take that product, which they still do not know what it contains, or perhaps refuse to tell us what it contains and burn it in their power boilers. Considering Northern Pulpâ?Ts track record when it comes to air emissions I find that to be a very troubling way to deal with the destroying of the Effluent by product. Has any testing at all been done to evaluate at what temperatures the contents of the Effluent will be destroyed, if at all or if the Particular matter will be less than the 2.5m? From April 2011 to October 10, 2018, they had 14 Failed air emission tests. With it exceeding air contaminant emissions limits by nearly 50 per cent in June of 2017. They are on one hand saying they are preventing some of the by product from getting to the water, but then they are basically just putting it back into the air. So not only are we looking at dealing with water pollution we are also looking at a very disturbing possibility of our air quality being even worse than it is now. With the number of respiratory cases in Pictou County over the years, can considering this kind of waste disposal actually make any sense? There it is again, that dam Common Sense. I might as well add this extra bit as it also has to do with DOE and Northern Pulp. We are hearing from Forestry that if Northern Pulp fails to operate, that the Forest Industry in Nova Scotia will be decimated. I

think that the word decimated is used in the sentence in a very wrong way. Due to the operations and work methods of Northern Pulp it is not the Forestry Industry that is being decimated it is actually the forests themselves. I used to be an avid fisher and you would find me in the woods, on a lake or a river enjoying my favorite sport of Angling all the time. One of my favorite places to do that was in the Liscombe Game Sanctuary. In the end I had to finally give it all up, as I could no longer enjoy a day out when I would have to view the devastation from both my truck on the way or from the waters of my favorite lakes. A Game Sanctuary Clear Cut, not just a little but hundreds of acres, quite simply destroyed. Oh, they say no worries, it is a renewable resource. Yes it may be a renewable resource to some but I am afraid I do not have 80 years of life left to see it back in its previous state again. Some claim 30 years for harvestable trees. I call BS, been there after 20 years and it is still hardly taller than me and what is growing up in its place? Softwood, lots and lots of softwood and why? Because Northern Pulp sprayed it with Gylsophates. So looks like not only are they killing things with the use of their Pulp Emission Stacks, they are also killing with their spray programs and clear cutting practices. To think they say it only kills the hardwood? Guess the birds and small animals read spay warning signs and stay away when the spray is in progress. Is common sense ringing that bell again? So in closing in my non scientific way, I ask you Mr. Gordon Wilson and the Liberal Governmentâ?Ts Nova Scotia Department of Environment and all its staff. What will your legacy be? Now please think very carefully about this before you answer? Are you going to have a legacy of being the ones who: Saved the Northumberland Strait from becoming Polluted Saved our wonderful fresh Ocean Air and Forest air from being contaminated. Saved our Forests and all the creatures in it from devastation. Or will your legacy be you saved a Multi Billion Dollar International Company and some 2700 jobs that all feel it would be a positive thing just for them lone? Letâ?Ts just hope you use all your common sense? I am certain your families, friends and the majority of the people in Nova Scotia, Prince Edward Island and New Brunswick who are all negatively affected by it will want you to use your common sense and do the right thing. Name:

@ns.sympatico.ca Address:

Municipality: Pictou Postal-Code:

Fax: ### ## - ####

email\_message: Privacy-Statement: agree x: 71 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:47:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I strongly oppose Northern Pulps plan to pump pulp effluent into the Northumberland Strait. Name:

@gmail.com Address:

Municipality:

HALIFAX Postal-Code:

Fax: ### ### - #### email\_message:

Privacy-Statement: agree x: 40 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:49:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Focus report data has indicated that there will be no significant impact on marine species near or around the discharge area. This has been the case for the past 50 years since the pulp mill has been there. There is no reason this will not continue into the future with this new plant and all the world class technology being utilized here. Name: @hotmail.com  
Address: Municipality: Truro Postal-Code: Fax:  
### ## - ##### email\_message: Privacy-Statement: agree x: 72 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 6:57:34 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The focus report makes it clear that the new pipe transporting the effluent will be more than adequate to take the effluent across the watershed and out into the water with all safety issues being addressed

Name: @hotmail.com Address: Municipality:  
Truro Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 57 y: 29

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Support of Northern Pulps Environmental Assessment  
**Date:** November 6, 2019 6:59:38 PM  
**Attachments:** [image003.png](#)  
[Focus report for new treatment plant.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Sir

Please find attached, my letter, in support of approving Northern Pulps Environmental assessment.

Regards



Northern Pulp Nova Scotia

Paper Excellence Canada  
[www.paperexcellence.com](http://www.paperexcellence.com)

Excellence... It is in our name, our vision, and our values

**Hon Gordon Wilson**  
**Minister of Environment**  
**Nova Scotia Environment**  
**PO Box 442**  
**Halifax NS B3J 2P8**

**Dear Sir**

**I am writing this letter to express my support to approve the Environmental Assessment. This new treatment facility will more than handle the needs of the mill (New treatment facility is designed to handle a flow rate of 85,000m<sup>3</sup>/day compared to the discharge of the mill only being 55,000 to 75,000 over 90% of the time) and not only that, the new treatment facility will be an improvement over the old boat harbour facility now in place. I also like that we are going to upgrade the thickness of the pipe, to have a greater wall thickness that the design calls for.**

**I work as a \_\_\_\_\_ at the Northern Pulp Nova Scotia Mill, I have been employed by Paper Excellence (Northern Pulp) for approximately \_\_\_\_\_ years. I love my job and have worked very hard, as all the 300 or so immediate employees at the mill have to make this a successful place to work and make a good living to support our families. Our mill supports many local and province wide contractors that benefit from our mill being here and some may not be around if our mill didn't exist. I lived and worked \_\_\_\_\_ from our mill until I was lucky enough to become an employee of Paper Excellence (northern pulp) and since, I have moved to the county and contributed to the economy of Pictou County and the local businesses and many businesses in Nova Scotia, be it hotels or shopping in other towns and cities. My employment contributes to my ability to be able to spend money as well as contribute to the tax base of Nova Scotia with a good paying job. I have a skill set that is in great demand across Canada but my roots are in Nova Scotia where my \_\_\_\_\_ and I were born and would love to continue to live here. But if the mill closes I will be forced to look for a job and relocate out in the oil fields of Alberta, like so many other Nova Scotians have done for so many years, or relocate to another province just to find a job that will pay me for my skills. Personally I really don't understand much about the political side of all this, but I do understand facts like are all through our focus report. I struggle to understand if all the scientific studies, the information in our focus report, this facility will be world class and this type of system is being used all over the world with success and one key is it passes all the**

Canadian Environmental guidelines, this company is willing to invest in the future of our Mill people and Nova Scotia, which will keep people in this province employed, not only at the mill but also in the forestry sector, construction and logistics companies that rely on our Mill. What reason would there be not to approve the assessment? If you look at our air emissions we have lessened our greenhouse gases by 44% since 1990 so we are serious about the environment. I have seen what happens when companies that all of a sudden for whatever reason close. I worked for

to name a few which all closed. I had good friends that lost their jobs and had to move away from Nova Scotia to try and make a living, some families broke up because of this and to be honest no one came and set up a new company to take the place of the ones that closed. In closing I hope that this is approved, so we as employees and Nova Scotians, can always look at Nova Scotia as our home and so that we can help support the economy of Nova Scotia long into the future.

Regards

Plymouth NS

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:00:18 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think there trying to do the right thing.if given a chance to prove there project will work Name: Email:

@yahoo.ca Address: Municipality: Scotsburn Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 80 y: 33

**From:** [@eastlink.ca](mailto:@eastlink.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:01:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: There has to be an end to the pollution. This has gone on far too long with the public purse paying - the paper companies being able to pass the buck. A pipe that just pushes the problem effluent further out into the strait just spreads it over a wider area where the effects are likely both harder to recognize or evaluate. Name: @eastlink.ca Address: Municipality:  
Wolfville Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 66 y: 15

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:01:14 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I oppose Northern Pulps plan to pump effluent into the Northumberland Strait. This must end once and for all.

Name: @bellaliant.net Address: Municipality:

Halifax Postal-Code: ##### Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 62 y: 18

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:02:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a Nova Scotia citizen with teenage university students, it is a no brainer to fix and upgrade northern pulp treatment facility and keep job in our province that we love than to close the doors and make our children move to other provinces to work. We want to keep our children and grandchildren in the Nova Scotia to build their life here. Shame on Mr MacNeil  
Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Address: @eastlink.ca \_\_\_\_\_ mahonebay ns Municipality: Mahonebay  
Postal-Code: \_\_\_\_\_ Phone: ###-###-#### Fax: ###-###-#### email\_message: Privacy-  
Statement: agree x: 74 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:10:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a forestry contractor in Nova Scotia I employe full time employee salary average a year. My company and my family depends directly on the forest industry. The closer of norther pulp will directly effect 16 familyâ?Ts in my area. The options for employment for people in rural communityâ?Ts are minimum and if mr McNeil take the forestry sector to a stop in Nova Scotia will be catastrophic Name: @gmail.com Address:

nova scotia Municipality: Mahonebay Postal-Code: Phone:  
### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 58 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:11:03 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: What To Do? In 1964, Northern Pulp received from the Government of Nova Scotia the following: 1. A lot of cheap water 2. Access to 200,000 acres of Crown Land for timber 3. Use of Boat Harbour owned by Pictou Landing First Nation for mill effluent. Northern Pulp is basically spuing stench, smoke, steam and pollutants. In 2014, 47 million litres of toxic effluent spilled into sacred Miâ? Tkmaq burial grounds. There was another leak in 2018. That investigation is still ongoing. Premier MacNeil has admitted that Nova Scotians would have to pay for their part in this project. The wise decision for Nova Scotians is to end their support of Northern Pulp, their government hand-outs and last but not least stop their environmental damage. It is time for the gift that keeps on giving to Northern Pulp since 1964 to come to an end. Name:

@gmail.com Address:

Municipality:

Postal-Code:

Phone: ### ### - ##### Fax: ### ### - #####

email\_message: Privacy-Statement: agree x: 60 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:12:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not want to see any more effluent coming into the bay waters or straight around Pictou or caribou landing areas from waste from the Pulp Mill. If the mill cannot guarantee clean management of its waste it must close by the designated date stipulated by the government of Nova Scotia. Name:

@gmail.com Address:

Municipality: Wolfville

Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-

Statement: agree x: 54 y: 19

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:13:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: You with all the nanotechnology options available to clean up this effluent there is no excuse to using 19th century methods. Enough damage has been done to our environment by this industry. Time to show some responsibility to the next generation. Name: Email:  
@ns.sympatico.ca Address: Municipality: Dartmouth Postal-Code:  
Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 56 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:17:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia cannot afford any more pollution being directed into the waters of the Picton area. Govt should have started a retraining program for affected workers but they should also take on some responsibility for moving to more green jobs. Name: Email:

@gmail.com Address: Municipality: Halifax Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x:  
70 y: 33

**From:** [@bellaliant.net](mailto:@bellaliant.net)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:26:48 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia has invested far too much money in a failed endeavour that is clearly not in the best interests of our Indigenous Peoples and the people of our province. Shut it down. Name: Email:

@bellaliant.net Address:

Municipality: Halifax Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 67

y: 25

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:36:38 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: To Whom it may concern, I am writing this letter with regards to my concerns involving the forest industry of Nova Scotia, and how Northern Pulp has an immense value in rural Nova Scotia. As a concerned individual about Northern Pulp, I feel that we can not allow this mill to shut down, as it will have such a huge impact on the future of the forest industry in Nova Scotia, as we know it. Northern Pulp provides \$800 million to Nova Scotias GDP alone, and not to mention all of the direct and in-direct jobs. With the information that Northern Pulp has brought forward, relating to the environment issues, they are willing to address making changes to meet all environmental guidelines, to keep the mill up and running. As the government of Nova Scotia, you can not allow this mill to shut down, as Northern Pulp has expressed they are willing and wanting to work with the government, to keep this mill operating in Nova Scotia. If the Nova Scotia government allows Northern Pulp to shut down it will destroy what is left of the forest industry in this province. Thank you for listening, Name:

@hotmail.ca Address:

, Nova Scotia Municipality: Laconia

Postal-Code:

Fax: ### ## - ##### email\_message: Privacy-

Statement: agree x: 55 y: 20

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:39:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I strongly oppose Northern Pulpâ?Ts plan to pump effluent into the Strait. I want to see an end to this toxic legacy. Name: Email: @yahoo.ca Address:

Municipality: Ottawa Postal-Code: Fax: ### ### - ####  
email\_message: Privacy-Statement: agree x: 56 y: 27

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 7:50:37 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern Pulp passes the stringent Environmental Assessment, there is no reason not to complete the project. When this state of the art wastewater treatment plant is in place, Northern Pulps environmental footprint will be greatly reduced, and the cleanup of Boat Harbour can begin. Name: @hotmail.ca Address: Municipality: Upper Stewiacke Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 63 y: 18

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:**  
**Subject:** EA:Pulp Mill's Pipeline Expels 90 MILLION LITERS OF EFFLUENT WASTE CONTAINING CONTAMINANTS i.e.MERCURY,CO2,ARSENIC,LEAD INTO NORTHUMBERLAND STRAIT, WE LIVE IN PICTOU PARALLEL TO HWY.106, PIPE LEAKS DO & WILL OCCUR  
**Date:** November 6, 2019 7:57:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

To: Honorable Environment Minister Gordon Wilson,  
Just to quickly point out my strongest concern is the Amount of Effluent Waste Expelled Daily at over 90 MILLION LITERS with Contaminants such as Mercury, Neurotoxin, CO2, Lead, Arsenic, just these Few Contaminants Expelled to the Vast Amount of 90 MILLION LITERS DAILY is The Biggest Reason for my family's and the Town of Pictou's Concern, as well as the Inclusion of Northumberland Fisheries Association of Fishermen who have Fished the Northumberland Strait at that location the Wadjaja Pipeline will be Expelling those 90 MILLION LITERS DAILY! That Is A Horrendous Amount of CONTAMINANTS to Expel into The Northumberland Strait/Atlantic Ocean on a Daily Basis. Just in a Month of 31 Days adds up to 2,790 BILLION LITERS!

That Is Simply Playing Russian Roulette with Lives of Nova Scotians who Live within Close Proximity to the Pulp Mill's Pipeline along the Highway 106. Also Nova Scotia Exports OVER 680 MILLION DOLLARS OF FISH AND SEAFOOD, and It Will Affect the \$256 MILLION DOLLAR NOVA SCOTIA TOURISM INDUSTRY. The Figures don't add up on the Value? of Keeping the Pulp Mill Going when The 5 YEAR STIPULATION TO IMPROVE THE PROCEDURE OF OPERATION OF TREATING THE PULP WAS IGNORED BY THE WADJAJA PAPER EXCELLENCE Organization. The Wadjaja Family of Indonesia are Multi-Millionaires already so they say Money is Not the Issue, as per the  
at the Pulp Mill in Pictou. Then why was there No Appropriate Action taken to Rectify the Environmental Aspects of Treating Pulp? One Example would have be the Closed Loop Method of Treating Pulp already done in Canada and throughout the world. The other appropriate action would be to use Poly Oxo-Methylate's Solution which uses Hydrogen Peroxide and is Environmentally friendly. These are some examples of what the Wadjaja –

Paper Excellence Mill Could Have Done Within the 5 Year Time Period Stipulation IF they took the matter of Environmental Concern as a Matter of Importance to the Community the Mill Owners Operate their Pulp Treatment business in, and to the Ocean's Marine Life which they apparently do not have serious concerns about either!

Either way, the Nova Scotians residing within close proximity to the Pulp Mill have suffered enough, with Neurotoxins infiltrating our air and water. I am asthmatic and I cannot walk the Jitney Trail or even breathe with medication when the wind changes before heavy precipitation such as rain or snow. Breathing in those toxic fumes have definitely affected my life here in Pictou. I can only imagine how horrible the First Nation People of Pictou Landing have felt for over 52 years now with the Boat Harbor pollution disaster that had been a Outer Room for the Pictou First Nation and was considered "Sacred and Called Asek A-se-K!" for that very reason.

For the Pulp Mill Workers I am certain they can find work in other related fields or be re-trained to another occupation of interest to them. I often changed careers within my lifetime,

travelling through several provinces in Canada, then choosing to become a

and then I took Trade Courses such , etc. Life is a learning process and when we stop learning and being interested in life, then we do also lose the will for life by choosing to give up entirely.

I am confident that as our Honorable Environment Minister for Nova Scotia, Gordon Wilson, that you will make the right decision to Promote and Extend The Life and Well-Being of Nova Scotians and Continue to Promote and Develop New Markets for the Important Fishing Industry and Also the Implementation of Modern Sawmills for the Forestry Industry!

We Nova Scotians have the opportunity to Increase The Long Term Gain for Short Term loss of the Pulp Mill with Modern Sawmill Operations such as the Irving Sawmill in Sussex, N.B.

In actual account, this would Not be the Only Time that the Pulp Mill closed down, as it was Closed for a number of years before the Wadjaja Paper Excellence were owners of the Pictou Pulp Mill.

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Virus-free. [www.avg.com](http://www.avg.com)

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:04:48 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Would be a much  
needed improvement to this pulp mill for years to come! Name: Email:  
@hotmail.com Address: Municipality: Antigonish Postal-  
Code: Fax: ### ### - ##### email\_message: Privacy-Statement:  
agree x: 68 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:07:19 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The forest industry is a very important business for Nova Scotia. A lot of job depend on that extension. The company is working to make a better water treatment, but that take time. Better take more time and do it properly. Name: Email: @hotmail.com Address:  
Municipality: Chelsea Postal-Code: Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 40 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:08:31 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please allow norther  
pulp to be able to do the right things Name: Email:  
@hotmail.com Address: mahonebay ns Municipality:  
Mahonebay Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 83 y: 31

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:08:48 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Honorable Minister, I beg you to consider the environmental implications in regards to this proposed project in the Northumberland Strait. We must strive to better our economy using methods that can be environmentally sustainable for future generations to come. Your objection would presumably be at the utmost disapproval of many important financial and political influencers in our current economy. Your reputation is absolutely at stake. I can only hope that you are a God fearing man, the same God who created this beautiful home. He forgives his children, but will you forgive yourself? What decision would your parents make, if they had the same access to scientific data and the personal authority to make a difference? What will we truly leave behind for our future generations? Your actions will be your legacy. With utmost respect, I challenge you to consider these words of mine... A voice in the crowd, a fellow caring person who can only hope to acknowledge the strength it will take for you to challenge this detrimental pipeline. I myself and many others trust you have all of the right information to make decisions that recognize present scientific data, and also a spiritual foresight we inherit from our ancestors. Thank you. Name: @gmail.com Address:

Municipality: Harriestfield Postal-Code:

Fax: ###

### - #### email\_message: Privacy-Statement: agree x: 38 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:21:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please save northern  
pulp Name: @hotmail.com Address:  
Municipality: Mahonebay Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 67 y: 23

**From:** [@tncweb.ca](mailto:@tncweb.ca)  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [@tncweb.ca](mailto:@tncweb.ca)  
**Subject:** Northern Pulp Focus Report  
**Date:** November 6, 2019 8:21:54 PM  
**Importance:** High

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercice caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Minister Gordon Wilson  
re- Focus report from Northern Pulp

Nov 6/19

I am writing in regard to the focus report submitted by Northern Pulp. After reading through some of the sections in regard to commercial fishing, i had alot of concerns.

I want to bring your attention to

Table 4-5: Criteria to assess the significance of residual effects, Uner the "Residual Effects" heading:

For Rock Crab it states:

"Rock Crab is fished within Caribou Harbour along a majority of the proposed pipeline corridor, yet not at greater depths > 10 m or in the vicinity of the diffuser location. With implementation of mitigation and through offsetting as required, Rock Crab productivity will be maintained".

This is simply not accurate. My dad is a self employed fisher and I go out fishing with him alot. He fishes both Rock crab and lobster in the exact area of the diffuser location. To say there is no rock crab harvesting in the vicinity of the diffuser location is false.

For lobster it states:

"The Lobster resource and its habitat extent throughout Caribou Harbour and Pictou Harbour and will be directly impacted by the project. However, the areas of Lobster harvest are generally located outside of the LAA."

Again, my Dad fishes both lobster and rock crab. to say that lobster harvest are generally outside of the LAA is false. My dad has traps in the vicinity of the diffuser location. He is not the only one fishing in that area. Northern Pulp is making false statements.

My Dad's livelihood and that of other fishers will be directly impacted by this pipe. This is too much of a risk. Once its built , there will be no going back.What happens if the lobster and rock crab become tainted and no longer edible? How will my dad make a living ?

The Strait is a very sensitive ecosystem and it should not be damaged so this company can continue to make white toilet paper. They should be forced to switch processes to a closed loop system if they want to continue operating. Considering climate change, this pipe plan is a step in the wrong direction.

I urge you to deny this project.

Pictou, NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:22:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is just purely bad for everyone. The responses from the public, the municipality and the fishery are clear. There is no good that will come from this for the people of Nova Scotia. As usual, it will only benefit a few people and do irreversible harm to the environment. Stop it now! Name:

@gmail.com Address: Municipality: Head of St.  
Margarets Bay Postal-Code: Fax: ### ## - ####  
email\_message: Privacy-Statement: agree x: 56 y: 20

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:26:17 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: I dont know why these letters and petitions and reviews need to be done at this point, it is so obvious that effluent pumped into Northumberland Strait is irresponsible and political and completely against the people of Nova Scotia and their generations to come. I do not want to see effluent from Northern Pulp or its successors pumped into the Northumberland Strait. Just please stop all these expensive delays and consultations and studies and GET ON WITH IT. Its time for foreign-owned companies like these to go. Name: Email:

@gmail.com Address: Municipality: Grand Etang Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 61 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:29:05 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: As a self employed forestry contractor, it frustrates me that I have to resort to making a positive comment in hopes to outweigh the negative in order to prevent uncertainty in the forestry sector and protect my livelihood. I would hope that the decision will be based on the application submitted and the science based facts associated with the new treatment facility and not the negative propaganda via social networks etc. I'll leave that to the experts involved. Hopefully the government will take into account the importance of the forest industry as well as the other industries involved and find a way for them to co-exist. I support Northern Pulp and trust the experts involved in the process. Once approval is achieved the government needs to grant the extension necessary in order to complete the new facility and allow the forestry sector to continue to operate without uncertainty. Name: Forestry Ltd

Email: @hotmail.com Address: Municipality: Masstown Postal-  
Code: Fax: ### ### - #### email\_message: Privacy-

Statement: agree x: 54 y: 21

**From:** [@seasidehighspeed.com](mailto:@seasidehighspeed.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:32:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The scientific information in this report must be considered and acted on with unbiased minds. The economy and the environment must work together. Nova Scotia needs forestry. Northern Pulp grows millions of trees every year. Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulps plan is to re-route the treated effluent to a different location. The fishing industry has successfully fished the Strait for the past 50 years. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitats as a result of this project. Based on the scientific facts in the environmental assessment, I support this project for Northern Pulp. I am also in favor of giving Northern Pulp an extension At Boat Harbour. Thank you for considering my comments. Name: [@seasidehighspeed.com](mailto:@seasidehighspeed.com) Address:

Municipality: Barneys River Stn Postal-Code: Phone:  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 45 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:32:30 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am proud of the forest industry in Nova Scotia. Forestry, fishing and agriculture have shown they can work together. I believe in the science regarding this issue. The economy and the environment must work together. Name: @gmail.com Address:  
Municipality: Upper stewiacke Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 73 y: 20

From: [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 8:34:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: For the purposes of this letter, we will assume that some people see the mill in a negative context while others view it in a more positive light. It is not not right that Boat Harbour is in the current state that it is. Blame could be placed on previous companies or government inactions. We cannot go back in time to change things. We have to move forward. It is now 2019 it is time for a serious investment in this mill if it going mohave any future in Nova Scotia. This investment must come from the corporate sector. The government has made a perpetual investment in the mill by agreeing to handle the effluent. The current Liberal government should be praised for its attempt to divest of this asset, or liability, depending on your perspective. The problem herein lies- how do you replace it? For anyone who thinks the Northern Pulp mill is not vital to Nova Scotia's economy, they either do not understand the forest industry or don't care. Everything is so integrated that the flow from top to bottom is felt almost immediately. People see things from their own perspective. PERIOD. I would call my occupation a "tree farmer". Trees grow on my land and I harvest them in a way that attempts to provide a longterm sustainable source of wood. As with any farm, I depend on selling my harvest to cover my input costs, and thus keep farming. A disruption in the market for my products could be devastating in the long term. To say that the proposed effluent replacement project is controversial would be understating the obvious. Different concerns from various parties has created a situation where progress is going to be hard won. When you can read in reports stating "unlikely" or similar adjectives it creates skepticism that is hard to change. We have the government of Nova Scotia trying to find a solution. So, where do we go from here? I am going to suggest something that will likely appeal to very few people, but it is simply my opinion. Boat Harbour must be cleaned up. In 2019, it is not acceptable for it to exist in its current state. Boat Harbour should be viewed as an asset and not a liability that previous companies have run from. It is a valuable asset to the Pictou Mill and deserves a substantial investment and commitment. It is time for the neglect to end if the mill is going to have any future. The fishing industry has flourished in the Strait in spite of the pulp mill. Boat Harbour is the reason. Companies must be responsible for their own pollution. If they are not willing to accept that, then their future is unstable. If this proposed treatment plant provides water clean enough to disperse directly into the Strait, think how improved Boat Harbour would be if the newly treated water were discharged to it. Would it be clean enough to continue using Boat Harbour? For this to happen, the Pictou Landing First Nations band, council and residents would have to be wiling to accept this. The government has to let them choose to do this and work with that community and the company to facilitate this. The government has been responsible for Boat Harbour since the 1960's, therefore, they can't just abandon it. Lastly, the company must want to invest in Nova Scotia and an old pulp mill. We have a valuable asset in our forest resources and it provides countless jobs and benefits in the province and beyond. Companies invest with the intentions of making a profit and obtaining a product of value. They will evaluate the business case on its merits and demerits. It is time for the company to do their math. Thank you for the opportunity to express ideas and opinions.

Yours truly, Brown Limited Name: Email:

@ns.sympatico.ca Address:  
Musquodoboit Postal-Code:  
email\_message: Privacy-Statement: agree x: 61 y: 26

Municipality: Upper  
Fax: ### ### - ####

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:36:22 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Honourable Gordon Wilson, Minister of the Environment Because of the fragile ecosystems in the Northumberland Strait, I urge your government not to proceed with an effluent from Northern PuLp pumped in the Strait. I also regret the extremely short time devoted to public consultations on this crucial issue. Respectfully,  
Truro, NS Name: @gmail.com  
Address: Truro NS Municipality: Postal-Code: Phone: ### ## -  
##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 44 y: 29

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:37:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nps plan to put toxic waste water into the Northumberland strait is to much of a risk to th fisheries and the communities of .plfn ,pictou landing, pictou,and all surrounding communities deserve clean air,burning any toxins is to much risk for our citizens, ice would destroy any diffuser and infastucture with no way to monitor or test it,nps plan has to many unanswered questions and not near enough safeguards in place to protect our water and our air which should be protected at all costs,please protect our precious resources and reject nps plan to pump unknown and untested toxins into and over our waters and reject the plan to burn unknown and untested toxins which would put everyone in the path of these toxins in danger Name:

@hotmail.com Address: moose river  
pictou county Municipality: Pictou county Postal-Code: Phone: ### ### - ##### Fax:  
### ### - ##### email\_message: Privacy-Statement: agree x: 55 y: 12

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:51:45 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Give northern pulp the time required to set up the proper facility to treat the effluent . Then we can move forward to a healthy strong economy Name: @gmail.com Address:

Mahone bay N.S Municipality: Mahone Postal-Code: Fax:  
email\_message: Privacy-Statement: agree x: 63 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 8:58:53 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and their proposed effluent treatment plan Name: @gmail.com

Address: Municipality: Mabou Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 37 y: 15

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:03:02 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing in relation to the Focus Report on NorthernPulps Proposed ReplacementEffluent Treatment Facility Project. My name is and I am an environmental writer for multiple journals. I live in Nova Scotia, a province with a unique and special ecosystem. But it is imperiled. Northern Pulp's negative environmental footprint goes beyond pumping pulp mill effluent into Boat Harbour - or into our beautiful ocean. Feeding this monster has taken its toll on people's health, our forests and wildlife. I fear for the future of our province if this corporation is permitted to continue its destruction and pollution. Name: Email:

@gmail.com Address: Municipality: Prospect Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 45

y: 17

**From:** [@NS.SYMPATICO.CA](mailto:@NS.SYMPATICO.CA)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:05:47 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: THANK YOU FOR THE CHANCE TO COMMENT ON THE EFFLUENT PROJECT.I AM A RETIRED HOURLY EMPLOYEE WHO WORKED AT THE MILL FOR 35 YEARS. I AM GOING TO BE VERY PRAGMATIC WITH MY OPINION ABOUT WHAT I THINK SHOULD HAPPEN AND WHY. IF THE SCIENCE AND TECHNOLOGY PASS THE ENVIROMENTAL ASSESSMENT THEN THE PROJECT SHOULD GO AHEAD. EXTEND THE USE OF BOAT HARBOUR UNTIL THE NEW SYSTEM IS COMPLETE AND IN OPERATION. THE AUDITOR GENERAL OF NOVA SCOTIA MAKES IT VERY CLEAR THAT WE MUST HAVE LOTS OF REVENUE AND A STRONG TAX BASE. WE CANNOT AFFORD TO HAVE WINNERS AND LOSERS.WE NEED WINNERS. I WANT BOAT HARBOUR TO BE CLEANED UP. I WANT A STRONG AND PROSPEROUS FISHERY. I WANT A STRONG AND PROSPEROUS FOREST INDUSTRY. I WANT A WIN- WIN-WIN. Name:

@NS.SYMPATICO.CA Address:  
ABERCROMBIE Postal-Code:  
email\_message: Privacy-Statement: agree x: 52 y: 18

Email:  
Municipality:  
Fax: ### ### - #####

**From:** @dal.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:08:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I cant believe that Nova Scotia would seriously consider approving the pollution to the Northumberland Straits with the Northern Pulps pipe. Please do the right thing and protect our environments by banning such harmful projects. Name: @dal.ca Address:  
Municipality: Halifax Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 54 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:09:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing to strongly urge the government to close the Boat Harbour treatment facility by January 31, 2020, as required by the Boat Harbour Act which was unanimously passed in the Nova Scotia legislature in 2015. For more than 50 years the people of the Pictou Landing First Nation have suffered broken promises and severe environmental racism due to the construction and operation of the treatment facility. Starting in 1966, the land was transferred without proper authority of the Indian Act to the Province of Nova Scotia from the Government of Canada. Then in 1967 the treatment facility was initially opened with promises by the Nova Scotia Water Authority, that the treatment facility lagoon would be suitable for boating and fresh water fishing. In reality, there was a major fish kill immediately following the opening of the treatment facility. In 1991 the Province of Nova Scotia acknowledged that it did not have the legal right to interfere with the water of Boat Harbour, and promised to close the treatment facility in 1995. Then in 1995 the deadline for closing Boat Harbour treatment facility was postponed for 10 years to 2005. In 2001, the Province extended the lease of the Boat Harbour to 2030 without proper consultation with Pictou Landing First Nation, and the treatment facility did not close. In 2008 the Province agreed again to close the Treatment Facility, but declined to commit to a specific date. In 2014 there was a major leak of effluent from the pipeline at Indian Cross Point onto Miâ?Tkmaq Burial Grounds. Finally in 2015 the Province of Nova Scotia showed leadership and voted unanimously to fix the date for the closure of Boat Harbour into legislation: January 31, 2020. Throughout this time, there have been approximately 87 million litres of warm treated effluent discharged daily into the Northumberland Strait via Boat Harbour. It is time for the Province of Nova Scotia to honour the commitment made by the Boat Harbour Act. The Pictou Landing First Nations do not deserve any more broken promises. We need to show environmental stewardship, and to become leaders in environmental management and indigenous rights, rather than using old technologies and broken promises. Name: @gmail.com

Address: Municipality: Black River Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 62 y: 25

**From:** [@abltimber.com](mailto:@abltimber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:09:42 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: The province needs to support this project and provide Northern Pulp with the extension on the use of boat harbor they need to build a world class facility on site. This project supports the forest industry in Nova Scotia and the people of Nova Scotia. Name:

@abltimber.com Address: Email: Municipality: Plymouth  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 68 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:11:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: I oppose Northern Pulpâ?Ts plan to pump effluent into the Northumberland Strait. Their newly released Focus Report does not have me convinced that the negative environmental impacts would be adequately addressed. Name: @gmail.com Address:  
Municipality: Hatchet Lake Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 28 y: 44

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:22:58 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Iâ?Tm very concerned about a pipe going into the Northumberland Strait. Not only is this going into my backyard the ocean where our children play and swim but it is where our local fishers work and make their livelihood. In 2019, you would have to think there is a better alternative than dumping it into an already fragile ecosystem. Nothing good will come from letting the pipe be put into the Strait. Thank you for your time. Name: @gmail.com Address:  
Municipality: Caribou Island Postal-Code: Phone: ### ### -  
#### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 59 y: 19

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:23:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister of Environment, I am writing to submit feedback on the Focus Report for the Replacement Effluent Treatment Facility Project Proposed by Northern Pulp Nova Scotia Corporation. First, I will offer comments on Section 9.0 HUMAN HEALTH. In this section the Focus Report states that, "EcoMetrix has initiated the HHRA and it is currently ongoing however, its completion is not anticipated until spring of 2020" pg. 165. As a Nova Scotia resident and Pictou County property owner in the Little Harbour/Kings Head/Melmerby Beach area, the impact on human health is my first concern. As written, the Focus Report is incomplete and does not answer the requested Terms of Reference section 9.2 sent to NPNS as directed by your letter to Mr. Chapman dated March 29, 2019. A potential 85,000 m<sup>3</sup> of contaminant effluent per day entering the Northumberland Strait is significant and I would expect NPNS to have placed greater priority on completing the HHRA section of the report. The public cannot fully comment on what is not presented. The report uses language that diminishes the reality of dumping such a massive amount of treated effluent into an ocean that provides food, employment and recreation. Rather than saying clearly what contaminants are found in the effluent and the known impact of such contaminants on human health, the focus report uses the acronym COPC which stands for Contaminants of Potential Concern and vague references to future studies Section 9.2.10. My fear is this language masks the true issue that all effluent, treated or not, contains health impacting contaminants which can, and will, impact the physical environment, air that we breath and human physical health. Much of the HHRA focus is on air quality and seafood consumption impacts, but the findings are incomplete. The real issue at hand is to fully understand the total amount of contaminants COPCs that will enter the water through the pipeline and what are effects of those COPCs on human health factors. My second concern with the report is the definition and parameters of the Regional Assessment Area RAA and the Local Assessment Area LAA. The report does not provide detailed information on water-based distribution of effluent beyond a 200-meter radius. The information is focused on the RAA and LAA but does not really look at how effluent contaminants might migrate further to surrounding areas such as Pictou Island and the public swimming areas found at Melmerby Beach Provincial Park. A potential 85,000 m<sup>3</sup> litres of effluent per day must go somewhere when it interacts with tides, weather patterns, water conditions and ice. Nothing in the report convinces me that the ocean water will dilute the effluent to a non-health impacting status. A third area concern I find in reading the report stems from Section 7 dealing with FISH FISH HABITAT. Page 129 of the report deals with fish that live within the RAA. The report details that 4 endangered species, 2 threatened species and 1 special concern species live within the Regional Assessment Area RAA. Nothing in the report says what effect the effluent contaminants will have on those species due to 85,000 m<sup>3</sup> litres being pumped daily into the ocean RAA. On a further note, the report indicates the herring fishery will be impacted pg. 131. As for the crucial area lobster fishery, the report says nothing about long-term effects. I find it troubling that in Table 7.3-2 detailing the Summary of Marine Impacts, Mitigation, and Overall Significance, it is repeatedly written that "Overall effects are considered to be generally minor, localized and generally

reversible" pg. 142-147. Absolutely no scientific information is provided for critique as to how the report writers arrived at that conclusion. I find it an affront to human intelligence that any company that dumps a potential 85,000 m<sup>3</sup> litres of effluent per day would come to such a conclusion that bottom feeding lobster and fish would only be affected in a minor way. What does that mean? It is never explained in the report. The information presented on pages 123-124 concerning "no significant impacts" only deals with the 5 " 200 metre area surrounding the effluent discharge point. Again, what science was used to arrive at that conclusion? What is not stated in the report is that even the treated effluent contains contaminants of concern that will not break down or become neutralized once dispersed in the salt-water. Negative health impacting toxins will in fact be dispersed impacting fish, birds and people. My final comment has to do with the way the focus report was written. It is written to sell a pipeline. I am concerned that the misleading language style, such as using "COPCs" rather than simply "known contaminants" creates an illusion of benevolent authority and simply covers the truth. The incomplete answers evident in the HHRA section points to a process geared toward hiding the real and future impacts of dumping effluent into the ocean. The public has not received a full impact and disclosure document to review. To conclude, the health of our Nova Scotia Environment is crucial to our human health for generations to come. Please hold NPNS accountable for human health and wellbeing. Moving known contaminants hazardous to human health and the ocean environment from one location to another does not fix a long-standing problem. In fact, it is spreading an environmental problem to other locations in Pictou County and beyond.

Name: \_\_\_\_\_ Email: \_\_\_\_\_  
Address: @ns.sympatico.ca Municipality: Bedford Postal-  
Code: \_\_\_\_\_ Fax: ### ## - #### email\_message: Privacy-  
Statement: agree x: 61 y: 19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:25:06 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It is unacceptable for this to spew into our ocean in 2019. I thought we were better than this, AND our elected officials to allow it. Cmon. Name: @gmail.com Address:

Municipality: Black Rock Postal-Code: Fax:  
### ## - ##### email\_message: Privacy-Statement: agree x: 43 y: 19

From: @gmail.com  
To: [Environment Assessment Web Account](#)  
Subject: Proposed Project Comments  
Date: November 6, 2019 9:25:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hon. Gordon Wilson  
Minister of Environment Nova Scotia Environment PO Box 442 Halifax, NS B3J 2P8 Re:  
Northern Pulp Effluent Treatment Plant Replacement Dear Mr. Wilson, I am writing to you to  
encourage you to approve Northern Pulp's proposal for a replacement effluent treatment  
facility. Having reviewed the original Environmental Assessment Registration Document,  
Focus Report Terms of Reference and the Focus Report I believe that the company has  
sufficiently addressed the requirements and answered the questions asked. More specifically:  
Concerns about a potential pipeline leak in the Town of Pictou Watershed have been  
addressed. -Significantly heavier wall pipe, than required to meet engineering specifications,  
will be used in the section through the watershed. - Automated leak detection will be utilized  
on the pipeline and - Surface water flow modeling shows that in the very unlikely event of a  
leak, any treated wastewater that could leak would flow away from any town wells. Receiving  
water studies show that concerns about changes to water temperature and salinity are not valid  
and that both are at background levels within 2m of the diffuser. Modeling has shown that  
levels of measured parameters will be so low that Environmental Effects Monitoring will not  
be required. Cooling water towers to be added during this project will also reduce water  
consumption by 5000m<sup>3</sup>/day during peak usage periods. This is also a reminder that a  
significant percentage of the mill water consumption is non-contact and used only for cooling  
of equipment. Concerns about the build up of solids have been shown to also be invalid.  
Scientific study has show that this is highly unlikely to occur. Additionally, solids are almost  
entirely biological they biodegrade quickly and provide food for marine organisms. Air  
emissions modeling of predicted concentrations of the common air contaminants from the mill  
i.e., CO, NO<sub>2</sub>, SO<sub>2</sub>, TSP, PM<sub>2.5</sub> and H<sub>2</sub>S in ambient air within 30 km of the mill, both from  
the operation of the existing mill and the future mill with replacement ETF and sludge burning  
shows that all met the ambient air quality standards identified in the Nova Scotia Air Quality  
Regulations This project is critical to the continued operation of Northern Pulp. As you are  
aware, Northern Pulp and its continued operation are cornerstone to the forest industry in  
Nova Scotia. Many thousands of Nova Scotia families rely on this industry directly and all  
Nova Scotians benefit indirectly. As a taxpayer, property owner, parent, community minded  
citizen and professional I am very concerned what the closure of Northern Pulp and the impact  
on the Forest sector will have for my community, this province and my family. Paper  
Excellence has proven through past environmental improvements such as the Precipitator  
replacement, the proposed wastewater treatment replacement project and extensive  
investments in the mill during the time of their ownership that they are committed to Nova  
Scotians and the Nova Scotia Environment. The proposed project is based on sound science  
verified by third party experts, the continued operation of Northern Pulp is critical to the Nova  
Scotia Forestry sector. It's not jobs vs the environment. The science demonstrates that the  
project is an environmental improvement on an activity that currently exceeds all the current  
regulatory requirements and will meet the revised Federal regulations currently under review.  
Please make the right decision and approve this project. Sincerely, Name:  
@gmail.com Address:

Municipality: New Glasgow Postal-Code:  
email\_message: Privacy-Statement: agree x: 49 y: 20

Fax: ### ### - ####

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:27:37 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hon. Gordon Wilson Minister of Environment I am writing to offer my complete support for Northern Pulp and their new Effluent treatment system project. My background is as a Laboratory Technician with Northern Pulp, and all of its previous owners. As a current retiree I feel that this project and the science that it involves is state of the art and will provide a viable treatment system that will allow environment, industry, and community to move forward into the future. This new system will insure that no untreated waste water will leave the site and with the new diffuser location off Caribou the mixing with the receiving waters will be complete and will not cause any adverse effects to the environment. I feel Northern Pulp is committed to this project and once completed it will allow for continuous improvements within the plant site such as oxygen delignification which will improve the waste water quality even more. Monitoring and testing will be in place to reduce the risk of failure during the construction of this facility and in its operation. This business is a key part of the forestry industry and economy of Nova Scotia and it can continue to co exist with all the other industries. I feel that the science is here and I ask that this project be approved. Name:

@ns.sympatico.ca Address: Municipality: New Glasgow Postal-  
Code: Fax: ### ## - ##### email\_message: Privacy-Statement:  
agree x: 64 y: 19

**From:** [@morganscloud.com](mailto:@morganscloud.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:29:48 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I oppose Northern  
Pulpâ?Ts plan to pump effluent into the Strait. Please put an end to this toxic legacy. Name:

@morganscloud.com Address: Municipality:

Lunenburg Postal-Code:

Fax: ### ### - ##### email\_message:

Privacy-Statement: agree x: 83 y: 14

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:30:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please end the madness of this pollution!!! Name: @hotmail.com Address:

Municipality: bedford Postal-Code: Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 53 y: 19

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:32:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Based on what Iâ?Tve read in the report, Iâ?Td say this treatment facility will be in the best interest of all involved. The science seems clear enough, the facility will not harm the environment and will be an improvement. I support Northern Pulp and the project they wish to undertake. Name:

@live.ca Address:

Municipality: Pictou Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree

x: 66 y: 27

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:36:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Why would someone not want to keep jobs in our province and make a environmentally sound plant Name:

@outlook.com Address:

Mahonebay

Municipality: Mahonebay Postal-Code:

### - #### Fax: ### ###

- #### email\_message: Privacy-Statement: agree x: 79 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:45:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister I believe it is important that the EA be passed for NP and itâ?Ts employees, they have done the work and now need the additional time to complete installation of the treatment facility. It is beneficial that the company be given an extension in order to proceed with this construction. It will also be beneficial to our economy to keep the mill running and to keep our families in their community. It is these hard working people that make Pictou county a wonderful place to live, and without them and these high paying jobs the county will not thrive. I sincerely hope you give NP the time it needs to put in place this new treatment facility. Thanks for your time

Name: @gmail.com Address: Municipality:  
Pictou Postal-Code: Fax: ### ### - ##### email\_message:  
Privacy-Statement: agree x: 53 y: 21

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Continued operation of Northern Pulp  
**Date:** November 6, 2019 9:46:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear, Environmental Assessment

I support the movement of Northern Pulp and it's decisions of building a state-of-the-art wastewater treatment facility, that reduces Northern Pulps environmental footprint. It has shown evidence proving that it is a viable option to reduce the current environmental impact while meeting the current Canadian marine guidelines. with the facts stated below.

Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project.

Construction will have minor impacts on marine species and habitat: they will be localized and generally "reversible", which means habitat and population will re-establish naturally.

Within 5 meters of the diffuser the difference between the treated wastewater and ocean temperature will be less than 1°C.

For additional protection Northern Pulp has selected a thicker than required pipe in addition to establishing an automated leak detection system which will be installed in the Pictou watershed area.

No history of ice scour was found at the planned location of the diffuser port located outside of Caribou Harbor in 20m water depth.

The project will have no impact in terms of accumulation of materials around the diffuser. Northern Pulp engaged independent consultants to consider study and report their findings to the Nova Scotia Department of the Environment on the impact their project may or may not have on the environment.

Thank you for taking your time in reading this and please regard Nova Scotia Needs Forestry. Northern Pulp grows more than 6 000 000 seedlings every year. Treated wastewater from Northern Pulp has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated wastewater to a different location further out into the Strait. For 50 years, the fishing industry has successfully fished the Strait.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:48:52 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hello, I on behalf of many approve the movement of the "Replacement effluent treatment facility project" . Northern pulp, Paper excellence has gone above and beyond on their research and testing in making sure this project is safe for the environment and can also continue its production of pulp resources. With this project, the effluent can be treated safely and has shown no virtual harm toward the aquaculture and wildlife. I proudly stand behind Northern Pulp as a third generation logger and dependent of forestry in Nova Scotia. My family, much like others have devoted their lives and lifestyle to the forestry industry and will all be effected by the closure of the Northern Pulp greatly. At the end of the day Nova Scotia NEEDS forestry for jobs income, resources such as building supplies and paper and as many homes still use firewood as a source of heat. We CAN do this together. Name: Email:

@gmail.com Address: Municipality: Wentworth Postal-Code:  
Phone: Fax: ### ## - ##### email\_message: Privacy-Statement: agree  
x: 21 y: 8

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:49:47 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Boat Harbour treatment facility is a horrible polluted mess. The people living near here have suffered for decades. Meanwhile the profits generated from this waste have been mostly sucked from Nova Scotia by the corporations with full assistance from the Nova Scotia governments. Simply transporting the waste farther away and dumping it into the Northumberland Strait is madness and defies all common sense. It is time to restore Boat Harbour. It is time to pay compensation to the people of Boat Harbour for their suffering all of these years. Close the mill. Stop creating the pollution. I am a forested land owner, former resident and former woods worker in Pictou County. Name: @gmail.com Address:

Municipality: Goderich, ON Postal-Code: Phone: ###  
### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 62 y: 22

**From:** [@freemanlumber.com](mailto:@freemanlumber.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:51:33 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: the treatment plant at bowater Mersey changed the water quality in Liverpool harbor almost over night. Name:

[@freemanlumber.com](mailto:@freemanlumber.com) Address: Municipality: Postal-Code:

Fax: ### ### - ##### email\_message: Privacy-Statement: agree x:

65 y: 30

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:53:35 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 2. Top on the minds of Canadians and folks all over the world is "climate change". If Northern Pulp is forced into closure, the Forest Industry of Nova Scotia will take a dramatic hit. Well managed forests aid in the prevention of forest fires. Forest fires emit mass volumes of greenhouse gasses into the atmosphere. Well managed forests aid in the prevention of massive pest outbreaks, killing trees of all ages. When trees die, they fall to the ground and decay. Decaying trees release the carbon stored into the soils and waterways. Harvested trees can be turned into products which store the carbon instead of releasing the carbon into the atmosphere. In summary, a healthy forest industry plays a vital role in climate change management. I strongly support an approval of Northern Pulp's Environmental Assessment. Name: \_\_\_\_\_ Email: \_\_\_\_\_

@live.ca Address: \_\_\_\_\_ Municipality: Centreville Postal-  
Code: \_\_\_\_\_ Fax: ### ## - ### email\_message: Privacy-  
Statement: agree x: 82 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:54:44 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As an employee of Northern Pulp, I believe the decision should be based on science and not fear mongering by certain groups. The mill provides great, high paying jobs that support Pictou County, Nova Scotia, and the Atlantic provinces. Our county and province would be deeply hurt economically if Northern Pulp were to close. The province is already feeling the negative effects of the unknown outcome. Local restaurants, car dealerships, malls, suppliers, logging Outfitters, etc., are scared with the uncertainty of the outcome of the decision at hand. Please make the right decision for Northern Pulp, and for the citizens directly and indirectly affected if the mill were to cease operations. Thank you. Name: Email:

@hotmail.com Address: Municipality: Trenton  
Postal-Code: Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 72 y: 32

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp wastewater Treatment Project ---Focus Report comments  
**Date:** November 6, 2019 9:54:46 PM  
**Attachments:** [To Focus report response.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sirs:

Please see the enclosed word doc. for my submission.

Thanking you.....

To: Hon. Gordon Wilson  
Minister of Environment  
Nova Scotia Environment

Date: Nov 02, 2019

From: River John, Nova Scotia,

Re: Focus Report---- Northern Pulp Wastewater Treatment Project

I am a Pictou County resident in \_\_\_\_\_ and retired from \_\_\_\_\_ in \_\_\_\_\_ with a career in technical services. I had worked with \_\_\_\_\_ in \_\_\_\_\_ and \_\_\_\_\_ and am also a woodlot owner.

I had submitted a letter of concern regarding the Environmental Assessment toward The Northern Pulp Wastewater Treatment Project with five primary issues being noted. After reading much of the Focus Report, I would like to comment on each of my five concerns which are highlighted below.

- 1) **Focus and make decisions based on facts and science**----I appreciate the extensive attention to details in the many report studies. Lab testing and details of expected results are well presented and for the most part the basics can be understood by a non-expert. Studies have for benefit allowed for future PPER regulation limits and the installation of a future oxygen delignification project. Ref. Appendix 2.4: The developed studies clearly respond positively to all my technical concerns.
- 2) **Provide project comparisons with other mills and industry best practices**----Northern Pulp has provided direct and comprehensive information to compare effluent treatment to other mills in Canada and the fit within guidelines of the Federal Government. Ref table 0.0-1, table 0.0-2 and table 1-4: Twenty three kraft mills are operating within federal compliance and the Northern Pulp proposal for effluent treatment fits very well in the span of results for those mills and the federal guidelines.
- 3) **Identify the history of the current Boat Harbour facility and compare before and after for the project, relate the catch history of lobsters to the current effluent entry**----A history over the years has been provided to indicate progress in effluent treatment processed. Extensive modeling has been done to predict future effluent dispersion and flow which could affect ocean species. Ref table 4.2-5 and table 4.2-5: Appendix 7.3 has identified the potential impact on species found in the area. I might note that a lobster catch history in the broad area of the current Boat Harbour effluent exit might help to clarify the impact on this fishery of mill effluent over the past several years.
- 4) **Provide data to validate selection of the outfall site and why it is optimum**----Selection of the outfall location is well supported by four descriptions...receiving water depth, water flow rates,

ice scouring absence and the low level of species harvesting intensity at the outfall site. Ref. figure 7.3.3:

**5) We must safeguard the environment and at the same time ensure our forestry economy----**

will make several bullet points:

---Government has failed the community of Boat Harbour and the general area in creating and maintaining the existing mill treatment facility to this date.

---Government, by legislation, has broken a contract to provide the mill with an effluent treatment facility until the year 2030.

---The Nova Scotia forest industry has become highly integrated in order to achieve economic success. Employment and the general economy in the entire province will be seriously impacted with no defined replacements or a plan in the short or long term. Ref. Gardner-Pinfold Consulting study

---The recent Lahey Report proposes a “Triad” approach to the use of our forests in Nova Scotia. The report has been accepted by our government and is a long term positive objective for both us and our grandchildren. The “Triad” plan can only be successful if silviculture is supported by a market for low value wood fiber (pulp). Forest management is a very long term activity and the immediate and non-planned shutdown of a large part of the industry is not at all a reasonable approach to management of the resource. Nova Scotia can do much better.

---In the short history of Northern Pulp in Nova Scotia, the company has shown a commitment to the future with investment in the facility and a positive relationship with forest industries throughout the province. The effluent project can demonstrate that this mill will have a very positive environmental fit with 22 other mills in Canada. The project must proceed for Nova Scotia, even with the major political obstacles which have developed along the way.

Thanking you.....

**From:** @gamil.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 9:55:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 3. Nova Scotia Needs Forestry. Northern Pulp grows more than 6,000,000 seedlings every year. That is impressive! Treated effluent from the mill has been flowing into the Northumberland Strait for over 50 years. Northern Pulp's plan is to re-route the treated effluent to a different location. For 50 years, the fishing industry has successfully fished the Strait. Third party environmental experts have assessed that no significant impacts are expected on any fisheries or fish habitat as a result of this project. Name: @gamil.com Address:

Municipality: Centreville Postal-Code:

Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 77 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:03:13 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: That mill needs to close. After the summer of 2014or 15? ...whenever they pushed it to the max and SERIOUSLY poisoned us all...i developed serious breathing and cognitive problems and was unable to do my job! . I left the town i loved. If anyone thinks for a minute that the benefits outweigh the damage, then they are ill-informed idiots. SHUT THAT TOXIC SHITHOLE DOWN SO WE CAN THRIVE AGAIN!!! Name: Email: @gmail.com Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 72 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:10:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Canada is a world-leader in forestry regulations and enforcement, many pulp and paper mills across the country coexist and support their communities. This new effluent treatment facility meets the goal of balancing economic development with environmental protection. Northern Pulp addressed every concern raised in the initial public consultation comments and every question posed to them by Nova Scotia Environment. This mill is important to the economy of Nova Scotia the science is clear. This project will be well regulated to ensure that it meets the highest standards for safe operation and environmental protection. Name: Email:

@gmail.com Address:

Municipality: Halifax Postal-

Code:

Fax: ### ### - ##### email\_message: Privacy-Statement:

agree x: 65 y: 25

**From:**  
**To:** [minister.environment@novascotia.ca](mailto:minister.environment@novascotia.ca)  
**Cc:** [Environment Assessment Web Account](#)  
**Subject:** Dear Minister Wilson,  
**Date:** November 6, 2019 10:49:40 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I am writing in relation to the Focus Report on Northern Pulp's Proposed Replacement Effluent Treatment Facility Project. I wrote to the previous Minister in response to the initial proposal and after reviewing the Focus Report I remain opposed to this project.

I grew up in Pictou, in a large family of whom various members were employed by the Mill and others in the fishing industry. After high school I moved to Halifax where I studied and enjoyed a 35+ year career in health care as a . I return to Pictou County often, am concerned about wellbeing of the residents there and wish to address two factors involved in this proposed project: the Pipe and the Effluent.

First, in regards to the Pipe that will carry the Effluent from the Mill across Pictou Harbour and Pictou watershed area out into Caribou Harbour, I have read about the proposed HDPE pipe and how very strong and safe it is supposed to be. I have read about the proposed construction process to install the Pipe. I have also read about proposed leak detection monitoring. But this sentence in the Focus Report, Appendix 2.1, Page iii, On-Land Pipeline Info: "Final technology for the leak detection system will be completed during detailed design", is concerning to me. Pipes have a history of leaking. Northern Pulp has a history of Pipes leaking Effluent: on June 10, 2014 more than 47,000,000 litres of untreated pulp and paper Effluent spilled onto sacred Mi'kmaw burial grounds and into East River/Pictou Harbour. An Effluent leak at Indian Cross Point during October 2018 remains under investigation. Some leaks have been detected by residents of the area rather than Northern Pulp itself. Yet you are being asked to approve a project where toxic Effluent will be piped across the Town of Pictou's drinking water supply area and the leak detection system hasn't even been designed.

Reading through the Pictou/ Caribou Source Water Protection Plan of Oct 16 2017, prepared for NSE, I learned that water is a provincial resource and the Town of Pictou holds water withdrawal approvals for its two wellfields: Pictou and Caribou. I also learned that "In 2002 NSE introduced its Drinking Water Strategy to ensure clean drinking water for all Nova Scotians." How does allowing the installation of a Pulp Mill Effluent Pipe fit within this health promotion strategy? This proposed project, from construction through to operation, seems at odds with the principles of water stewardship brought forward by NSE and puts the town's drinking water, a basic need for all life, at risk.

My second concern is the nature of the Effluent and it's potential effect on the shoreline, marine environment and the fishing industry. From the Focus Report, Project Description, 2.3 Characterization of Effluent I learned that the exact composition of the Effluent remains unclear (pun intended). I believe there remains little doubt it is an environmentally hazardous substance. Diluting Effluent, through distribution into the Northumberland Strait near Caribou Harbour is not a solution. Caribou Harbour - teeming with tidal organisms, Caribou Monroe's Island Provincial Park and wildlife preserve, a vulnerable fish hatchery, a bird sanctuary and sandy beaches are a few of the precious natural resources found in that area. All could be negatively impacted and even destroyed over time by millions of litres of Effluent per day discharging from Northern Pulp Mill.

The Pictou County Pulp Mill, now Northern Pulp, has operated for more than fifty years and displayed a lack of accountability to the public over that time. The well documented stack test failures, Effluent leaks, and notoriously the environmental racism that resulted in Boat Harbour have made it obvious that the Mill Management are not good corporate citizens and cannot be trusted.

Pictou County families deserve a healthy environment in which to live and grow, not one where the air they breathe and the water they drink are contaminated by a Pulp Mill whose goal is profit for offshore investors.

It is for these reasons that I respectfully request you decline approval of Northern Pulp's Proposed Replacement Effluent Treatment Facility Project.

Sincerely,

Dartmouth  
Nova Scotia

Sent from my iPad

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 10:52:21 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If were going to have a future where we treat our environment with respect, and ensure it is sustainable to the degree well need to survive, then we need to take leadership now. Decisions made for short term economic gain will cost us more in the future, even if it takes a generation, or more than an election term, to become evident. Its that leadership that is your responsibility, so act in good faith and do the right thing for our grandchildren, and theirs and theirs. Dont compromise the health of our world to keep this paper plant going for another run at it. Name:

@hotmail.com Address: Municipality: Dartmouth Postal-Code: Phone: ###  
### - #### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 84 y: 16

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:04:39 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a wood lot owner in the Municipality of Pictou County and a member of a family that has been involved with the various pulp mills in the area over many years, I should like to advocate that the Minister of Environment, Hon. Gordon Wilson, take the necessary steps to approve the environment assessment for the current Northern Pulp Nova Scotia mill. It is obvious from the data provided that upon the completion of the wastewater treatment facility and the subsequent rehabilitation of the Boat Harbour location, the mill will be equipped to continue supplying jobs and economic stability to the area as well as to the recreational aspect of the county. It is apparent that the lobster catches have significantly improved over the last several seasons and the treated wastewater will ensure the continuation of the trend. Northern Pulp and the forestry industry should not be penalized for the previous owners mismanagement or for the lack of oversight by the appropriate government office. They should be encouraged and assisted in their attempt to rectify damage caused in prior years. I therefore petition the Minister of Environment to work with Northern Pulp to ensure their continued operations in our area.

Name: @hotmail.ca Address:

Road Municipality:

Fax: N/A

email\_message: Privacy-Statement: agree x: 51 y: 19

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:14:26 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp or its former owners has been discharging treated effluent into the Strait for over 50 years. This modernized treatment facility should continue to reduce the amount of waste discharged. The economic benefits of this plant operating are very significant to the overall benefit of all Nova Scotians. If this plant closes there are direct and indirect job losses in the thousands. There will not be a forestry industry in Nova Scotia. Mills that rely on Northern pulp for up to 20 of their revenue from chip sales will not be profitable. Truckers, garages, tire shops, restaurants, corner stores most of which are in rural Nova Scotia will bear the brunt of a slow down in this industry. Many of the 30,000 land owners that own up to 70 of the forest land and sell a few loads of logs each year to supplement their income will have no market. Forestry land values will decline. My understanding is that Northern pulp is committed to undertaking this project with their own capital and no burden to the taxpayer of the Province. This project should proceed and a reasonable extension should be granted in light of what the potential downside to the economy could be. Name: @eastlink.ca

Address: Conquerall Mills Nova Scotia Municipality: Postal-Code:

Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 60 y:

17

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 6, 2019 11:30:41 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I dont believe their effluent Treatment Facility will do the great job Northern Pulp say it will based on their earlier reports. If they pipe all this great amount of trash into Northumberland Strait it will be a repeat of Boat Harbour. A non reversable Misstake. The Fishing industry Gone with all those jobs. Recking the forests with Clear Cutting is not a good idea either. Name: Email: @ns.sympatico.ca Address: Municipality: Halifax N. S. Postal- Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy- Statement: agree x: 54 y: 16

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Replacement Effluent Treatment Facility Project  
**Date:** November 6, 2019 11:37:00 PM  
**Attachments:** [Replacement Effluent Treatment Facility Project.docx](#)

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Attached are my comments on the Focus Report related to this project. Feel free to use my comments as you wish.

Honewell NS

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

November 6, 2019

Hon. Gordon Wilson

Minister of Environment, Nova Scotia Environment

PO Box 442, Halifax NS B3J2P8

**Re. Replacement Effluent Treatment Facility Project**

As a senior citizen I am a contributor to the rising costs the Province faces as a result of an aging population and increasing health care costs. These are challenges that will likely only be met by increasing revenues and will be exacerbated by any reduction in revenues. Both the fishing and forestry industries are vital to the Provincial economy and it is incumbent upon the government to ensure that the maximum benefits of both are realized by Nova Scotians.

As a resident of the area it is painful to watch the division among residents created by this situation being painted as a choice between the local fishery and the Northern Pulp Mill. I don't believe that this is the case. The government has a responsibility to ensure that both industries thrive while health and environmental standards are maintained.

I have reviewed the Focus Report and believe that the science shows that the wastewater treatment facility, effluent discharge pipeline and diffuser as proposed will clearly have no significant adverse impact on the Marine environment.

Paper Excellence appears to have a good track record in environmental performance since acquiring the mill and I would expect this to continue particularly in light of the increased public awareness.

I request that the project be given environmental assessment approval subject to successful completion of future permitting and environmental monitoring requirements.

, Hopewell NS

@seasidehighspeed.com

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 3:49:21 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: Time to rethink what we do and how we do it....or all our research efforts are for naught. Once we know the impact of dumping toxic wastes into our oceans, both short and long term, we cannot â?~unknowâ?T for convenience sake or profit sake. Lovely Nova Scotia , be the beacon for Canada and the world by re-setting your standards for toxic waste management, stop allowing the use of our ocean as a dump! Name: Email: @hotmail.com Address:  
Municipality: Sarnia Postal-Code: N6x1a7 Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 61 y: 20

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** November 7, 2019 4:09:23 AM  
**Attachments:** [Northern Pulp Support.doc](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Thank you for taking time to review this.



To Whom it may concern,

Please find this letter in support of the Northern Pulp and their transition to an onsite treatment facility.

From the focus report it is evident that they are making every effort to comply or exceed all regulations regarding this transition.

Their continued operation during this time and into the future is exceedingly important to the local community and Nova Scotia.

Evidence of their importance is reflected in the news and more recently on the thousands of signs around the countryside stating that “Nova Scotia Needs Forestry”.

My small business of 3 employees and annual expenditures of over \$250,000.00 will cease to exist without this mill. We are currently being impacted by the uncertainty in terms of equipment purchases/planning to support our future success and my employees, although dedicated, are worried about a future in Nova Scotia.

There are hundreds on businesses like my own in the same situation.

ABL Timber Ltd.  
4938 East River East Side Road  
Plymouth, NS

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 4:41:19 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My concern is if Northern Pulp has done all of the studies required to put in place a system that is much better than the government run Boat Harbour then it is a no brainer to allow Northern Pulp to get it done. These 4 plus years that have been wasted doing studies after studies NP could have been putting much cleaner effluent out as proposed. The environment department of the NS government should know what is in the waters involved and who the parties involved are eg. fisherman, municipal wastewater, farmers, and all that flows into the straits. This decision involves many workers and families from Nova Scotia, New Brunswick and PEI. We have been supplying wood fibre to the mill since it opened in 1967, have been Trucking contractor and a road contractor providing jobs for years. Nova Scotia and neighbouring provinces needs Northern Pulp and these Forestry jobs to remain for the economy of the province! Thank you for the opportunity to express some of my opinions. As November 11 draws near we should be thankful of the opportunities that my Father and many other Veterans gave every Nova Scotians and Canadians to make. I know I am! Name: Email:

@gmail.com Address:

Municipality: Five Islands Postal-

Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 5:16:40 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp must be closed down! Their proposed effluent pipeline to the Northumberland Strait totally disregards the effluent cleanup demands the company must address. Environmental racism must end!

Name:                      Email:                      @gmail.com Address:                      Municipality: Mahone Bay  
Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 5:38:13 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Since the 1960s, a Pulp and Paper mill has been polluting the air, land and water in Pictou, Nova Scotia. Now, Northern Pulp wants to continue their toxic legacy with a pipeline that will pump up to 90 million litres of toxic pulp effluent a day into the Northumberland Strait. this environmental mismanagement MUST be replaced by land stewardship. our lives depend on clean land water air and not on profits. Name: Email: @gmail.com Address: Municipality: Halifax Postal-Code:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 6:25:01 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulps effluent should not be pumped into Northumberland Strait. They have had more than enough time and Government resources to get this right. Do not let them get away with shoddy results. Name:

Email: @gmail.com Address: . Municipality:  
Indian Path Postal-Code: B0J 2C0 Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 57 y: 23

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp replacement effluent facility  
**Date:** November 7, 2019 6:29:07 AM  
**Attachments:** [northern pulp treatment plant.docx](#)

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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please accept these comments on the treatment facility.

Cap Pele, NB



Virus-free. [www.avg.com](http://www.avg.com)

November 7, 2019

I would like to express my support for Northern Pulp's proposal to build a new water treatment plant next to their mill in Pictou.

I do not have the technical knowledge to evaluate the validity of the engineering and numerous studies that has gone into this project over the last 5 years but from personnel observation I would offer my thought on this.

I live in a village that is by the Northumberland straight that live in good part from fisheries, be it lobster, crab, herring and other sea products.

I purchased lobster for one of the processing plants a few years ago and at the time the catches were extremely poor, today they are at record levels all the while the Pictou mill was and is operating. To me the mill effluent has not caused a deterioration of the lobster fishery. These observations are supported by independent studies done to fulfill the various environmental studies requested.

The proposal is to modernize the water treatment to make it cleaner.

Here the processing and smoking plant buy fish from various part of the Atlantic region as well as employing people from various regions. The economies of the neighboring provinces are intertwined.

A few years ago, one plant had to invest in major water treatment facility to meet new regulations and more capacity and has contributed to the wellbeing of the community.

Our region has also seen a lot of people go out west to work while the Northern Pulp operation has kept people from all walks of live employed locally, rural people to port worker in Halifax.

The forest is renewable with valuable everyday products from toilette paper, paper bags to replace plastic ones and other paper products to home building products, framing lumber, finish products etc.

Society will continue to use these products. The question is are we going to use local products or import them from somewhere else with the benefits going somewhere else.

Nova Scotia would be seen as a poor place to invest in if it shut down a viable exciting business and is happy to take handout from out West to maintains its budget.

If done according to regulations, the mill will to me be a positive contributor for addressing climate change and economic stagnation than using nonrenewable resources import from other places.

The native community has been done wrong by having the treatment plant in their community but shutting down the mill will not remedy the past.

Is there 100% guarantee that everything will go 100 % right. No but under that requirement nothing would be built in this world, no schools, roads, windmills electric cars etc.

To finish, the science has been done, the consultation has been done, lets move forward with building a modern water treatment plant on Northern Pulp's property next to its mill that will be beneficial economically with less environmental impact.

I have done thinning on my land and planted this year on another woodlot. Pulpwood from harvesting is going to Northern Pulp.

Thank you for the opportunity to express my opinion.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 6:50:07 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp will spread pollution and effluent further. Please stop this from happening. Name: Email: @gmail.com Address: Municipality: Halifax Postal-Code: B3J3A5 Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 68 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's Proposal  
**Date:** November 7, 2019 7:24:09 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Environmental Assessment Branch,

November 7, 2019

Environmental Assessment Branch  
Nova Scotia Environment  
P.O. Box 442  
Halifax, Nova Scotia B3J 2P8  
[EA@novascotia.ca](mailto:EA@novascotia.ca)

[minister.environment@novascotia.ca](mailto:minister.environment@novascotia.ca)

Dear Minister Rankin,

Re: Northern Pulp's Replacement Effluent Treatment Facility Project

I am writing in response to Northern Pulp's Replacement Effluent Treatment Facility Project. I am a resident of Caribou River in Pictou County, where I have lived for the past 45 years, raised my four children, planted and harvested gardens. My home borders on the Caribou River; at high tide I can canoe down river, under the Waterside bridge, to the ferry side of Caribou Island. It is in very close proximity to where the proposed effluent pipe would be located.

It is very evident, as I have canoed those waters over the years, how closely connected all these waters are. The Caribou River is brackish (the salt water from the Strait floods the river at high tide) bringing salt water, seaweed, crabs, the occasional seal. It is clear how closely connected this river is to the waters on the other side of the bridge, to the waters of Caribou Harbour, as they rise and fall at high and low tide.

I taught elementary school in Pictou and every morning, as I drove the Shore Road through Waterside, over two bridges, I saw how interconnected all these waters are.

This river is home to trout, smelt, great blue herons, eagles, kingfishers, to name but a few.

I lived in Pictou when we first arrived, 46 years ago, where the odor of the mill made people close windows and avoid going outside. I taught elementary school in the town, there were days when the smell made you close your car windows and want to leave town.

During these 45 years, I have been aware of a multitude of issues with the mill:

- effluent spills
- pipe breakages and leaks
- pollution in the air
- the death of Boat Harbour
- the impact of the mill's pollution on Pictou Landing
- the huge amount of water the mill consumes every day
- the huge amount of effluent discharged every day
- health problems that people in the area have reported (a study was done by Dr. Daniel Reid decades ago)
- the clearcutting of Nova Scotia

Many of these are issues no matter how the effluent is disposed of. But I want to speak specifically to the proposal at hand. There are major gaps in the information:

There has been no study about the effects on lobsters.

There is no information in the proposal about what the effluent will be composed of.

The effluent will be more dangerous than the current Boat Harbour because of polishings.

Toxins that will accumulate over time have not been addressed (The Department of Environment has said that the current level of toxins already don't meet current standards.)

There is no specific route for the pipe, so there can be no review of the safety of the route.  
(As far as we know, the proposed route runs a pipe along the Causeway, through Pictou's watershed, beside the road to Caribou Harbour, around the end of Caribou Island . . .)

These are all identified risks that need more investigation.

When there is a breakage in the pipe, and there are breakages in all pipes, it will be an ecological disaster, affecting drinking water, the fishery, the tourist industry, our homes, the life of fish, animals, and plants. The effect will be widespread, as tides and currents spread the effluent, and disastrous.

We know what resulted at Boat Harbour, and we know how important our environment is for our survival, as a country, as a province, and as a country. We know that we cannot afford to take a chance. We know that we need a further, and federal, assessment of Northern Pulp's Replacement Effluent Treatment Facility Project.

I ask you to reject this proposal. If you refuse to reject it, I ask you to make no decision before further assessment.

Sincerely,

Caribou River, Nova Scotia.

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 7:25:43 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The project should be allowed as the research has been done to show limited adverse effects. Water quality will be within limits, less impact than municipal waste systems, or agricultural runoff that is allowed in the same waters. With no apparent backup plan, the project could severely impact the NS forest industry, which puts millions into the province, which we cannot afford to lose. Name:

Email: [@ns.sympatico.ca](mailto:@ns.sympatico.ca) Address:

Municipality: Laggan Postal-Code: B0K 1A0 Phone: Fax: email\_message: Privacy-Statement: agree x: 58 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:**  
**Subject:** Northern Pulp Mill  
**Date:** November 7, 2019 7:29:48 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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For the record I am against any sort of chemical effluent being pumped into our Oceans and Waterways. I have been to the Pictou area multiple times and seen the mammal and bird life that will be impacted. I have ridden the ferry from PEI to Caribou and seen the whales that will be impacted swimming alongside the ferry. What is also equally as disturbing is standing on the shore at Wood's Island ferry terminal and watching the pollution rise over the mill so many miles away.

Shut down the mill; take the short term employment loss. Canadian Ingenuity will eventually fill the gap. Future generations will thank you.

**From:** \_\_\_\_\_@hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 7:56:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Unacceptable, at any time. Unthinkable, in light of the earths climate emergency. Name: \_\_\_\_\_ Email: \_\_\_\_\_@hotmail.com Address: \_\_\_\_\_ nova scotia Municipality: \_\_\_\_\_ Mahone Bay Postal-Code: B0J2E0 Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 50 y: 20

**From:** @live.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** November 7, 2019 7:59:34 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Project: replacement\_effluent\_treatment\_facility\_project Comments: It would be a solution for everyone, jobs will not be lost in the forestry sectors. The environment is very important to myself and my family. But forestry is my family. Name: Email:

@live.com Address:

Municipality: Hillcrest Postal-Code:

**From:** [@ns.sympatico.ca](mailto:@ns.sympatico.ca)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Replacement Effluent Project and Consequences of Pumping Waste into the Ocean  
**Date:** November 7, 2019 8:00:46 AM  
**Attachments:** [focus.reportnov4a.odt](#)

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Thank you for reading attached letter.

Pictou

Sent from [Mail](#) for Windows 10

To the Minister of Environment, Honourable Gordon Wilson:

**Re: Northern Pulp Replacement Effluent Treatment Project**

*The Oceans of Canada are a common Heritage of All Canadians, and as such, we are entrusted with protecting and promoting a clean ecosystem and sustainable environment from any potential environmental disaster.*

**1. How will this chemically soaked waste/ sludge and toxins (10 tons per day) which is to be discharged from the Pulp Mill into the Strait affect our ecosystem over the short term and long term?**

How does Northern Pulp know where waste sludge from this effluent pipe will flow; from the effects of rising sea levels, high tides, currents, storms, ice flow and high winds! This sludge will be washing upon the pristine shores of the Northumberland Strait where hundreds of cottagers and permanent homeowners live, and the coast is lined with sandy pristine beaches. ! Our tourism industry will be negatively impacted, and has the potential to ruin our province as a tourist destination. (Ref. map attached showing numerous provincial parks and beaches all along the Strait). It is unimaginable that 90 million litres of contaminated waste will be dumped per day into the strait and not have any adverse effects. This will put many species at risk; the sensitive spawning, nursing, and migratory habitat of herring, gaspereau, smelts, whales, dolphins, tuna, mackerel, bass, scallops, as well as our lucrative lobster industry, worth over 1.5 billion dollars in exports, which is a critical seafood industry.

**- Northern Pulp will negatively impact our oceans, beaches and coastline.**

**2. How will the high temperatures of this discharged chemically treated waste/ sludge and toxins effect marine life?**

The relatively high temperatures of this warm fresh effluent waste (25C in winter and 37C in summer) will cause oxygenation to an already warming ocean suffering from climate change and which will be felt even more over the coming years. How can we say for sure what will happen in the long term when Canada's oceans have been warming faster than anywhere else in the world. This oxygen decline means the oceans cannot fully support marine life and living organisms and will dramatically change the diversity and make-up of a sensitive marine habitat. As per the *Proceedings of the National Academy of Sciences* review panel, "the oceans are taking up at least 90 percent of the excess heat in the atmosphere and large scale currents and circulation patterns have been changing in recent decades". As per the *Intergovernmental Panel on Climate Change* "accelerated warming is a big concern for ocean ecosystems and concluding that oceans are warming faster and absorbing excess heat faster than previous estimates".

**- Northern Pulp cannot adapt to an ever-changing climate change/warming waters.**

### **3. Despite internal recommendations for a study on the potential impact of effluent on lobster larvae, no testing was done.**

The lobster biologist that Northern Pulp contracted did very little in the way of literature review looking back at studies done in the 1960s, but that is the extent. The biologist also notes that additional studies need to be done to know what the impact of the effluent would be over the long term. The problem is that it takes between 5 and 7 years before lobsters in the Northumberland Strait are able to reproduce. This is not enough time to conduct research on the long term exposure of lobster larvae from contaminated sludge. This is not acceptable and will damage marine life permanently.

- **Northern Pulp is unable to say that this effluent will not harm lobster larvae.**

### **4. Contradictory Statements made by Northern Pulp**

Of grave concern, is the contradictory statements made by Northern Pulp, according to Environmental lawyer, \_\_\_\_\_, who obtained thousands of internal correspondences through a Freedom of Information request, Nov. 29, 2017; Northern Pulp's Technical Manager stated the effluent coming from the proposed new pipeline will be worse than today. And despite internal recommendations for a study on the potential impact of effluent on lobster larvae, no new testing was done by Northern Pulp.

- **There is a lack of credibility with Northern Pulp.**

### **5. Pulp Mill Waste concerns from Article "The Pulp Pollution Primer" dated 15 Oct /2012 and quoted as follows:**

"Mill waste water continues to wreak havoc on surrounding ecosystems. In lab tests, mill effluent causes reproductive impairment in zooplankton and invertebrates (both are food for fish) and shellfish; and genetic damage and immune system reaction in fish. (EEM Cycle One; Easton et al. 1997 Genetic Toxicity of pulp mill effluent on salmon and fish in general). "

Even veteran fishery scientists, contend many questions remain on how a swirl of sea life will mix with warm effluent and a changing climate (warming waters).

### **6. Pulp Mill Waste concerns from Article in CTV News dated 29 Nov/18 and quoted as follows:**

\_\_\_\_\_ a Cape Breton University Biologist, says an Ottawa study should be done for potential damage of allowing up to 80-90 litres of effluent daily. There is not enough evidence to approve this pipe.

**7. Northern Pulp has demonstrated a lack of credibility on maintaining the waste pipeline and exceeding air emission limits numerous times in the past.**

A toxic leak in 2014 showed no external inspection was done by Northern Pulp since they took over responsibility for the maintenance of the effluent pipeline in 2008. In 2016 N.P. plead guilty to unlawfully permitting the deposit of a deleterious substance in water frequented by fish in contravention of the Canadian Fisheries Act. (Provincial Court of N.S. May 11, 2016. Northern Pulp exceeded air emission test limits by 50% in June 2017. This was the third year in a row emissions from the power boiler exceeded limits set down by the Environment Department. In 2015 & 2016, power boiler emissions exceeded limits. The new treatment proposal would add additional air emissions to an already bad situation.

- **N.P. has had a 50 year history of environmental negligence and lack of transparency.**

**8. There has been brown foam washing up all along the shoreline of our coast from the Pulp Mill . What toxin residues are in this foam. This negatively effects the pristine beaches of the Northumberland Strait; including Caribou Provincial Park and Beach, Lowdens Beach, Melmerby Provincial Park, Waterside Provincial Park, and numerous others (ref. Map attached). This foam has been observed by residents over the years since Northern Pulp started operating.**

The Northumberland Strait is a key part of life and the economy of Pictou County and which attracts thousands of tourists, visitors and summer residents who fish, dive, swim and boat. We cannot allow any company to use our oceans as a dumping ground. It is imperative that we protect and preserve our prime fishing grounds, beaches, shorelines, the health of our citizens of Nova Scotia, Prince Edward Island, New Brunswick and Pictou Landing First Nation.

- **Northern Pulp has not adequately studied or reported on the accumulated effects of waste toxins, sludge and chemicals over the short term or long term on marine life and the people of Pictou County.**

**9. Environmental Health Risks of Mill's Emissions**

- For over 50 years, we've had to breathe these toxic emissions going into our backyard; we have suffered from multiple health issues, increases of pulmonary and lung diseases, which was reported back in the 1980's in Pictou. Also troubling was the disproportionately high rates of some cancers among pulp mill workers, ref. Journal of Occupational Medicine, July 1989, and also high rates of cancer in Pictou County which has been also reported. In 1989, July 8, a documentation by **Doug Huskison, CBC's Maritime Magazine** program carried a story about residents of Charlottetown, P.E.I., some 22 kilometres across the Northumberland Strait from Pictou, who were suffering from bronchitis, stomach problems, headaches, and shortness of breath that they attributed to the pulp mill emissions.

- **In conclusion**, 90 million litres of chemically treated waste/sludge per day, every day, will be the ruination of the bio-diversity and ecosystem of marine and plant life of the Northumberland Strait and we must do what is right and not allow our oceans/lands to become polluted by a company who does not respect our environment and the people who are affected by it. Northern Pulp cannot study and know the **accumulated** effect of their toxic waste on the water or land over the next 2 years, 5 years, 10 years, etc. And meeting effluent guidelines is not enough to prevent harm to marine life, and neither is passing toxicity tests. **Long term effects** to aquatic life and habitat are unavoidable from highly toxic dioxins and furans despite meeting current regulations. AOX compounds, a component of pulp effluent that bleach with chlorine are recognized as extremely toxic. They are not easily broken down by bacteria and thus bioaccumulate in the environment. Also we must recognize the health hazards of living close to the mill – this has been a concern for our residents since the mill started. We need to do the right thing and not create a toxic environment that will negatively change the landscape forever.

According to the **Intergovernmental Panel on Climate Change re Special Report on Ocean and Cryosphere in a Changing Climate**, released on 25 Sept 2019, *“an excess of atmospheric carbon is rapidly warming the oceans putting marine species, entire ecosystems, and the coastal communities that depend on them at risk. For Atlantic Canadians, the impacts could be sweeping and severe. Ocean warming, de-oxygenation, acidification, and sea level rise threaten our every day life.”* We need to act now – no more added pollution in our waters and air.

In a News Release dated April, 2, 2019, from Government of Canada titled **“Canada's Climate is Warming Twice as Fast as Global Average”** - Jonathan Wilkinson, Minister of Fisheries and Oceans and Canadian Coast Guard, states “this report is a wake up call for all Canadians. It is clear that climate change is real, **human made**, and requires **urgent action**. Our plan to fight climate change lays out measure across the country to take action on this urgent issue. Our plan will help build a cleaner, greener future that will provide new jobs for our kids and grand kids.”

- **We cannot dispute the consequences of an overload of pollution into our air and waters.**

Trusting you will take a leadership position on protecting our environment for a healthy future.

Sincerely,

Pictou, N.S.

**From:** [Minister, Env](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Northern Pulp Effluent Proposal  
**Date:** November 7, 2019 8:04:00 AM

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**From:** @hotmail.com>  
**Sent:** November 6, 2019 5:30 PM  
**To:** Premier <PREMIER@novascotia.ca>; Minister, Env <Minister.Environment@novascotia.ca>;  
@parl.gc.ca; @gmail.com>  
**Subject:** Northern Pulp Effluent Proposal

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Sirs,

My husband and I have been residents in the town of Pictou . We were always concerned about the affects of Northern Pulp on our community but assumed the responsible government agencies would finally, after years of mismanagement, take the proper paths to stop the travesties to our waters, our air and our forests. The law for closure and remediation of Boat Harbour was a positive first step. But, we can't follow that with yet another horrible decision.

I have spent some time at the library reviewing the amended proposal submitted by Northern Pulp. I am not a scientist so I didn't concentrate on those aspects. However, the general language in some statements gave me concern. 'Shouldn't cause damage...', 'If a leakage did occur...', 'minimizing any impacts...', doesn't inspire much confidence. I spent some time looking at the route of the pipeline, not much different than the original proposal other than across the causeway which will certainly impact the cormorant colony. A pipeline in the water at the head of Pictou Harbour will most certainly be affected by ice build up and scouring. The rest of the route is over my town's watershed. The proposal had maps of where our wells are located and where any effluent would flow, in case of a leakage. The predictions of effluent catchment areas were based on topography. Topography may matter in the immediate aftermath of a leak but it is more important, in the long run, to determine the rock formations and the aquifer that supplies the wells with our water. The bathymetric maps of Caribou Harbour show that the proposed outflow pipe could also be affected by ice scouring, as was the case in Pictou Harbour. Another issue that I didn't see addressed in the report, is a comprehensive plan in the case of a disastrous leakage. With any pipeline, be it oil and gas or waste effluent, a disaster plan must be in place before any pipeline is even considered. My husband is a geologist who worked in the oil and gas industry for many years, including building pipelines and he has confirmed my thoughts about all the above concerns.

In 2020, we all must start taking positive steps to protect our environment. We need to stop contaminating 90 million litres of our water every day. We need to stop contaminating our air with harmful emissions. We need to stop decimating our forests with chemicals and clearcutting. We need to protect our wildlife, both in our waters and on our land. We need to finally stand up and do what's right this time around. We are all going to be paying the price for many years of bad deals and coercion. We need to learn our lessons, face the facts and not repeat the mistakes. Do we really want to wake up years from now having to deal with cleaning up Caribou Harbour and the Northumberland Strait because we trusted 'the best available science'?

I hope and pray every day you will all do your utmost to honour your oath of office and at long last, protect the citizens of Pictou County and Nova Scotia.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 8:03:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson:

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

@gmail.com

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:56:47 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:51:42 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:51:32 AM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

While the text below is boilerplate, it expresses my sentiments more succinctly than I could on my own. Please do the right thing and say NO to Northern Pulp. Our children and grandchildren and all future living creatures deserve to inhabit a healthy ecosystem, not one fouled by corporate greed.

“I’m writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia’s tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.”

Sincerely,

Halifax, NS

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:42:15 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:41:24 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:35:36 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Port Medway, Nova Scotia

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:29:27 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:27:14 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:16:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Cc:** [info@ecologyaction.ca](mailto:info@ecologyaction.ca); [slohnescroftmla@eastlink.ca](mailto:slohnescroftmla@eastlink.ca)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 7:09:37 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Northern Pulp has made their excuses for over five decades; it's time they took responsibility for managing their effluent without polluting the lives of the people of Pictou County and the already too vulnerable ocean, from whence comes our life and much of Nova Scotia's livelihood. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Please make the right decision and reject this dangerous project.

Sincerely,

Mahone Bay, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 6:57:04 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Chester NS,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 6:30:21 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

I've been following the debate on Norther Pulp from Yarmouth County and have concerns about it's continuation. I remember when I was first teaching in Charlottetown PEI in the late '60's and early 70's that the smell from the plant would hit our area from time to time. I wondered where it came from. To think that the people in Pictou have to live with that daily for the past 50 yrs or so is sad. I've also read the book "The Mill" which is revealing of the corruption that led to the almost instant ruination of boat harbour which amounts to racial pollution.

Time to call a halt to this and look for other alternatives. Other communities have faced shut down of major employers in the past – Such as the Cotton Mill in Yarmouth my closest town.

It's up to you. Do the right thing.

Canaan, Yarmouth County, NS

@gmail.com



Virus-free. [www.avast.com](http://www.avast.com)

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 5:40:34 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 2:42:45 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 7, 2019 2:07:22 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 11:59:56 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

*Halifax, NS*

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say NO to Northern Pulp  
**Date:** November 6, 2019 11:59:33 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 11:58:10 PM

---

\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will damage the tourism industry and the delicate ecosystem we work so hard to protect.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

As a cottage owner on the Straight, I fear that my family and neighbours will no longer be able to swim and enjoy our waterfront properties in future if this proposal is allowed to move forward. We are counting on you...

Sincerely,

Heather Beach, N.S.

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 11:25:33 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

We have been waiting for over 50 YEARS for a government, both provincial and or Federal, to have the COURAGE to do something about this VERY SERIOUS problem..

Please , do the right thing for the environment, AND the residents of Pictou Co , PEI and New Brunswick, and finally

CLOSE THIS MILL, once and for all !!!

Sincerely,

--

This email has been checked for viruses by Avast antivirus software.

<https://www.avast.com/antivirus>

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 11:15:41 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:52:10 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Chester, NS  
Ecology Action Centre

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:50:13 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:47:43 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Bedford Nova Scotia

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:26:45 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

A few years ago I visited Pictou for the first time as an adult and was so saddened by the horrible smell, polluted harbour, and dying downtown core that I witnessed.

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment.

I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:07:47 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:04:28 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:02:58 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 10:02:41 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Dalhousie University

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:43:56 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:43:18 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:43:17 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:41:32 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:34:32 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister\\_Erv](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:32:08 PM

---

\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

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Halifax NS

Nov. 6, 2019

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 9:19:08 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens. You have promised that this facility will no longer be allowed to pollute our province. Please keep your promise.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say No to Northern Pulp  
**Date:** November 6, 2019 9:14:31 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

We can do it beautifully. If we are going to go out, then we can do it  
with some nobility, generosity and beauty....  
Joanna Macy

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:55:06 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:52:14 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

It is time Nova Scotia stopped caving in to polluting industries and protected the natural treasures we have!

Sincerely,

Sent from my iPad

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:37:57 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:32:28 PM

---

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

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Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:27:03 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:21:20 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,  
Sent from [Mail](#) for Windows 10



Virus-free. [www.avg.com](http://www.avg.com)

**From:** @gmail.com>  
**Sent:**  
**To:** Minister, Env  
**Subject:** Say no to Northern Pulp

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

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For many decades our family has taken great delight in the beach at Caribou Island where my children's grandmother was born. Now I am a grandmother and I want my grandchildren to be able to swim and play here in safety and delight too. Here we are taking in the last bit of summer for this season and hoping for many more summers to enjoy in safety.



That's the main reason, but far from the only one, that I am strongly opposed to the Northern Pulp proposal. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens. These young swimmers and their fortunate Granny will be grateful to have this paradise preserved for now and for generations to come.

Thanks you for your attention.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:06:48 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I am writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:04:50 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my Samsung Galaxy Tab®4

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:02:32 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:02:02 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:58:21 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson, I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife. Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

The water in the strait is shallow and very warm relative to the surrounding Atlantic ocean. I am concerned that, in addition to the lucrative food fishery, the water quality for recreational use will be adversely affected without proper treatment of the effluent,

Sincerely,

Dartmouth, NS

Sent from [Outlook Mobile](#)

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:49:26 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:37:18 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:34:35 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:31:36 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:26:58 PM

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\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\*

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Extreme Spill Technology  
Halifax, Nova Scotia, Canada  
Beijing, China

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This e-mail is intended solely for the person or entity to which it is addressed. It may contain confidential and/or privileged information. Any review, dissemination, copying, printing or other use of this e-mail by persons or entities other than the addressee is prohibited. If you have received this e-mail in error, please contact the sender immediately and delete the material from all computers and servers.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:21:51 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Sent from my iPhone

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:20:01 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:10:19 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Get [Outlook for Android](#)

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:09:27 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:08:09 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:02:13 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Kentville, NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 7:02:04 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Kentville, N.S.  
@bellaliant.net

**From:**  
**To:** [Minister, Env](#)  
**Cc:**  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 6:59:46 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

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Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens. And the massive damage already done.

Sincerely

**From:**  
**To:** [Minister, Env](#)  
**Cc:** [Premier](#)  
**Subject:** Northern Pulp future  
**Date:** November 7, 2019 7:57:33 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Nov 7, 2019

Dear Minister Wilson,

I am writing to express my absolute opposition to allowing Northern Pulp to continue to dump effluent into the Northumberland Strait. In fact, I am opposed to the spending of another minute or dollar of the province's time or money on this issue.

I want you to recognize that our environment is much more important than the jobs in this industry. Your government must recognize the people protesting in the street against flagrant environmental abuse. Were you not able to recognize the view of the nation's people voting for parties that support environmental platforms versus those that do not. It is time to show integrity and respect for indigenous persons, fishermen, citizens living in the Pictou area. Please support healthy living, tourism and most of all the young people in the province. Give them a future.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Cc:**  
**Subject:** Focus Report, Northern Pulp  
**Date:** November 7, 2019 7:22:53 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I urge you to reject the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Lower Burlington NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Fwd: N PULP  
**Date:** November 7, 2019 7:06:48 AM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

>

> I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

>

> Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

>

> Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp effluent plan  
**Date:** November 7, 2019 6:30:50 AM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Honorable Minister Wilson,

I am holding my breath in the hopes that your government will hold fast to the deadline imposed on Northern Pulp's plan to pump effluent into the Northumberland Strait. It is impossible to believe that in this day and age, with our knowledge of how sensitive ecosystems can be to an upset in balance, that this idea is still on the drawing board. No matter what kind of treatment is applied to the effluent from the Mill, it is difficult to believe that :

- a) it will be sufficiently innocuous not to affect the marine life in the Strait;
- ad b) that the planned treatment will clean the effluent sufficiently to be innocuous. Even temperature changes in surrounding waters can affect the marine organisms that keep the ecosystem functional.

Nova Scotia does not have a good record of being good stewards of the environment- we continue to burn coal, we destroy our forests for biomass that is shipped away or which pollutes our own atmosphere, and many of our rivers are still full of pollutants from sewage or industrial wastes. The forest industry is in trouble across the country. Allowing the mill to pump into the Strait only postpones its inevitable shutdown. Please have the courage to say no.

Upper LaHave.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Please, say no to Northern Pulp!  
**Date:** November 6, 2019 11:33:36 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment.

I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea.

This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Turning boreal forest into pulp, our Northern natural treasure and part of Nova Scotia beauty and habitat for wildlife and tourists - that mal-practice must no longer be part of the future of this province!

It is time that we move up the value chain, and use our woods for other applications. We should be making more sustainable products than pulp.

Do you want to further support Northern Pulp with a value chain that essentially flushes our forests down the toilets as bathroom tissue and similar single-use products, and **hand the profits to Indonesian billionaires?**

Modern times instead call for a provincial recycling industry that can make high-quality pulp products from post-consumer recycled paper fibres.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Reject Northern Pulp's plan to pump effluent into Northumberland Strait  
**Date:** November 6, 2019 9:51:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and **reject this dangerous project**. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp fiasco  
**Date:** November 6, 2019 7:25:30 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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**The Honourable Gordon Wilson**  
Minister of the Environment

Please put this never-ending saga out of its misery!

Grand Etang NS

**From:**  
**To:** [Minister, Env](#)  
**Subject:** We don't want Northern Pulp!  
**Date:** November 6, 2019 7:40:25 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

I am a young adult who works with children in the public school system in Nova Scotia. I am writing out of concern for my own future in this province, as well as the many individual futures of the children I work with. Most of the kids I see daily are too young to fully understand the gravity of the environmental decisions that are being made right now, but I do. The kids I teach have big dreams, and I fear for their futures when I hear about proposals such as the Northern Pulp Effluent Treatment Facility. I am writing to ask you to make the RIGHT decision, and say “no” to Northern Pulp!

I would like to ask you to reject this Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia’s tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Stop the Northern Pulp's plan to pump effluent in the Strait  
**Date:** November 6, 2019 7:43:59 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

To The Honourable Gordon Wilson,

The plan by Northern Pulp to pump waste in the Strait is a terrible idea. It will push the problem at Mill Cove into a large body of water damaging water, air, land, and marine habitats. Have we not learned any lessons from the past? It is time for Nova Scotia to stop being long paper and end this toxic losing destructive legacy.

Thanks,

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Say no to Northern Pulp  
**Date:** November 6, 2019 8:06:44 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I am writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely, Halifax.

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp should stop operation permanently  
**Date:** November 6, 2019 8:36:01 PM

---

**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien

Dear Minister Wilson,

I am very concerned about Northern Pulp Nova Scotia Corporation's Effluent Treatment Facility proposal being considered under provincial environmental assessment. Please reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. The area includes vibrant wetlands, coastal and marine ecosystems and diverse wildlife. This project would continue to damage the ecosystems in this region, thereby creating human health risks and jeopardizing Nova Scotia's tourism and fishery sectors.

Please make the right decision and reject this dangerous project. The company was given ample time to correct its modus operandi, and did not make substantial changes - it is not acting in good faith. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

[@gmail.com](#)

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Northern Pulp's plan in the Northumberland Strait  
**Date:** November 6, 2019 9:03:04 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to let you know that I strongly oppose Northern Pulp's plan to pump effluent into the Northumberland Strait. The toxic effects on important air, land, water and marine habitats along the Strait will be too great. Please support conservation efforts and do not approve this dangerous plan.

Thank you,

[@ns.sympatico.ca](#)  
[www.viviengorham.com](http://www.viviengorham.com)  
[Facebook](#)  
[Twitter](#)

**From:** \_\_\_\_\_  
**To:** [Minister, Env](#)  
**Cc:**  
**Subject:** Please Reject the Northern Pulp Effluent Treatment Proposal  
**Date:** November 6, 2019 8:47:20 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

I am writing to express my opposition to approving the Effluent Treatment facility being proposed by Northern Pulp which is currently in a public consultation phase of the environmental assessment process. I would ask you to reject their proposal in full because it will have very serious negative impacts on the Strait and the local environment. There have been nearly 50 years of broken promises and extensions for Northern Pulp which have produced enormous costs for Pictou Island First Nation, community health and prosperity and the surrounding environment. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region. We can create a flourishing sustainable economy based on our forest products with vision and hard work and this type of mill is not a part of that vision. The forests and those working in them need support for a successful transition to sustainable management. There are no longer economic reasons to support such a damaging project for the community, health and the environment, and that of the province. Northern Pulp must close as of January 31 based on provincial legislation passed unanimously five years ago. The province must move onto a positive future in this regard.

Please reject this dangerous project.

Sincerely,

\_\_\_\_\_  
Department of Community Development  
Acadia University  
[@acadiu.ca](mailto:@acadiu.ca)  
<http://commdev.acadiu.ca>

**From:**  
**To:** [Minister. Env](#)  
**Cc:**  
**Subject:** Honour the Boat Harbour Act and Say No to Northern Pulp  
**Date:** November 6, 2019 9:19:11 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

I am writing to strongly urge the government to close the Boat Harbour treatment facility by January 31, 2020, as required by the Boat Harbour Act which was unanimously passed in the Nova Scotia legislature in 2015.

For more than 50 years the people of the Pictou Landing First Nation have suffered broken promises and severe environmental racism due to the construction and operation of the treatment facility.

Starting in 1966, the land was transferred without proper authority of the Indian Act to the Province of Nova Scotia from the Government of Canada.

Then in 1967 the treatment facility was initially opened with promises by the Nova Scotia Water Authority, that the treatment facility lagoon would be suitable for boating and fresh water fishing. In reality, there was a major fish kill immediately following the opening of the treatment facility.

In 1991 the Province of Nova Scotia acknowledged that it did not have the legal right to interfere with the water of Boat Harbour, and promised to close the treatment facility in 1995. Then in 1995 the deadline for closing Boat Harbour treatment facility was postponed for 10 years to 2005.

In 2001, the Province extended the lease of the Boat Harbour to 2030 without proper consultation with Pictou Landing First Nation, and the treatment facility did not close.

In 2008 the Province agreed again to close the Treatment Facility, but declined to commit to a specific date.

In 2014 there was a major leak of effluent from the pipeline at Indian Cross Point onto Mi'kmaq Burial Grounds.

Finally in 2015 the Province of Nova Scotia showed leadership and voted unanimously to fix the date for the closure of Boat Harbour into legislation: January 31, 2020.

Throughout this time, there have been approximately 87 million litres of warm treated effluent discharged daily

into the Northumberland Strait via Boat Harbour.

It is time for the Province of Nova Scotia to honour the commitment made by the Boat Harbour Act. The Pictou Landing First Nations do not deserve any more broken promises. We need to show environmental stewardship, and to become leaders in environmental management and indigenous rights, rather than using old technologies and offering broken promises.

Sincerely,

Black River, Nova Scotia

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Please Reject the Northern Pulp Project  
**Date:** November 6, 2019 9:21:23 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Gordon Wilson,

I am writing to you with my concerns about the proposed Northern Pulp project. I would strongly ask you to please reject this project.

As someone who has had family ties in Pictou since the landing of the Hector, and as a Nova Scotian Medical Student who wants to see the health of our province flourish, I sincerely ask that you reject this project. As a future physician who wants to live and work in Nova Scotia, I can only do so much when our collective health is endangered by reckless projects such as this.

Sincerely,

Dalhousie Medical School

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Reject Northern Pulp's plan to pump effluent into Northumberland Strait  
**Date:** November 6, 2019 9:51:09 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

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Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment. I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea. This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Please make the right decision and **reject this dangerous project**. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax

**From:**  
**To:** [Minister, Env](#)  
**Subject:** Please, say no to Northern Pulp!  
**Date:** November 6, 2019 11:33:36 PM

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**\*\* EXTERNAL EMAIL / COURRIEL EXTERNE \*\***

**Exercise caution when opening attachments or clicking on links / Faites preuve de prudence si vous ouvrez une pièce jointe ou cliquez sur un lien**

Dear Minister Wilson,

I'm writing to express my concerns during the public response period for the Focus Report of the Northern Pulp Nova Scotia Corporation Effluent Treatment Facility proposal being considered under provincial environmental assessment.

I would like to ask you to reject this proposal in its entirety due to the serious negative environmental effects the project will have on the land, air and sea.

This project will create human health risks, will damage Nova Scotia's tourism and fishery sectors and will damage the ecosystems in this region – which include vibrant wetlands, coastal and marine ecosystems and diverse wildlife.

Turning boreal forest into pulp, our Northern natural treasure and part of Nova Scotia beauty and habitat for wildlife and tourists - that mal-practice must no longer be part of the future of this province!

It is time that we move up the value chain, and use our woods for other applications. We should be making more sustainable products than pulp.

Do you want to further support Northern Pulp with a value chain that essentially flushes our forests down the toilets as bathroom tissue and similar single-use products, and **hand the profits to Indonesian billionaires?**

Modern times instead call for a provincial recycling industry that can make high-quality pulp products from post-consumer recycled paper fibres.

Please make the right decision and reject this dangerous project. There are no longer economic arguments which can support the damage this project would do to our environment and our citizens.

Sincerely,

Halifax