

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 10:49:42 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In my opinion, if a company doesnt provide an environmentally friendly output they shouldnt be operating. I know this is a big industry and by closing the mill it will hurt many NScotians in the industry. What about building another industry that doesnt cause deforestation, polluting of water ways and hurt our environment. Hemp anyone??

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 10:52:48 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Any plan that pipes effluence directly into the Strait is a no go. Period. End of story. If they want an extension, it should be to build a closed loop system. They had years to prepare this, to work with the government, the industry and the community to get this right and they were silent for the first 3 years and then came out saying No pipe, no mill. Finally something we can all agree on No pipe, no mill! Good riddance! :

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 10:54:24 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project is very important for the longevity of the Forest Industry in Pictou Co. and for the economy of Nova Scotia. I feel NP has done their homework for this project and have presented the best replacement solution for Boat Harbour. Effluent has been pouring into the Northumberland Strait for 50 years with no harmful effects on the environment or the fishing industry. Now in 2019, NP will be using the best technology available for bleach kraft pulp mills in the world which will meet or exceed provincial and federal guidelines for the environment. They have done 28 studies for the Government with consultation from the Environment, Transport Canada, Fisheries and Oceans and many other departments. They crossed all the Is and Ts necessary to be awarded an Environmental permit to proceed with the construction and completion of the project to replace Boat Harbour. When completed there will be safe guards in place to protect the environment and to continue to let the forest industry and fishery industry co-exist like they have in the past. I hope you will grant this permit to build this treatment plant as 12,000 jobs associated with the Mill are at risk as well as the economies of Pictou, Colchester, Cumberland Counties and the economy of our Province. The science is there to back this Mega project. Hopefully, calm and cool heads will look at this project which has turned into such a contentious issue when there is no need for it. I have no doubt in my mind when your Department looks at all the scientific data and studies by NP it will be a no brainer to approve the permit. Respectfully yours

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 11:09:47 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I absolutely object to this companys plans to put effluent anywhere...whether in Boat Harbour or the Northumberland Strait. This type of environmental racism has to stop, and it has to stop now.

**From:** -  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 11:28:09 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotians need NP to continue to operate providing jobs and money to our economy. We all need health care and paved roads. They're only asking for 1 more year. NP wants to clean up Boat Harbour and we should give them that time. The whole province should want that.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 11:31:03 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Shut down this mill!!  
Government and business colluding against the better welfare, health and future of the people of N.S. the raping of our forests should have stopped years ago. I live in the forest and the ancestors must be ready to rise up after the insult to the land this company and the government have subjected it to. I see the damage. I see the loss of animal and bird life. I hear the bald-faced lies that the company supported by the government espouse. You cant hide anymore. Climate change is real!! stop polluting and raping the forest and the seas!

**From:** \_\_\_\_\_  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 11:31:59 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need nothernpulp to continue, thereâ?Ts to many jobs and people depending on this please consider and help everyone come to an agreement.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 11:51:56 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Go for it



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 11:52:01 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe its a good plan with the best technology. I believe it will be okay for the approval.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** No pipe in Northumberland Strait . Mill highly polluting too long. We want clean air, water and soil.  
**Date:** Thursday, February 07, 2019 12:01:56 PM

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Sent from Samsung tablet

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:02:32 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This treatment facility is vital to the forest industry. I fully support this state of the art facility and the cleanup of boat harbour. Though a short extension on boat harbour may be needed to do this right

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:09:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a Pictou County Resident, a provincial tax payer, and most importantly, a father of three

, I find it appalling that we are even contemplating allowing this Industry to dump toxic effluent into the Northumberland Strait in the hopes that dilution is a viable a solution. Northern Pulp continuously says the effluent is already going into the Strait, but fail to mention that that only happens after sitting for a month or more in a 300 acre tidal estuary which acts as a natural filter. The proof of Boat Harbours filtering ability lie in the sheer effort it will take to clean that environmental disaster up, and even after all that effort and money, it will never be the same. There seems to be a lot of focus on the people that will be forced to move away for work, however there also should be a focus on the young families who will choose to move away, or never relocate here in the first place should this proposal be allowed to go through. There are many of us that are not interested in being poisoned for the sake of Asia Pulp and Papers profit. Its time to think about the future, and dumping at minimum, 50-60 million liters per day of pulp waste into the Northumberland Strait, jeopardizing a more profitable fishing industry as well as severely limiting tourism and growth in the surrounding areas, is doing the exact opposite of that. As we move into the future there will be an even greater focus on environmental sustainability. Nova Scotia should be looking to invest in being a leader in that area, not taking significant steps backward in time.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:12:02 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have concerns regarding the proposed pipeline and project and the transparency of what the discharged effluent is comprised of. I would hope that this could be used as an opportunity to review the rules and regulations that Northern Pulp operate under. I hope that there is continued environmental monitoring put in place for the upgrade, cleanup, and continued operation of the the pipeline.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:18:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp is attempting to correct a long standing environmental problem. This is important to both citizens and employees of the forestry industry. This ownership should be given the opportunity to do so.

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:18:57 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There is not enough information given to the general public or the fisherman to so hastily approve this project. More science should be done to better ensure the least amount of impact on the fishery and environment. Recommend federal environmental assessment

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:21:10 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a long time visitor to the area over many years I have seen the enviromental damage that the Mill has done to business and health in the area, in my opinion you should be paying the local population for the mess you have caused and attempting to remedy the situation. Dumping more rubbish in Northumberland Strait is not the answer.

Stourbridge West Midlands England.



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:21:27 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Full support for this project

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:36:38 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp/Paper Excellence is making all efforts to make this work for everyone. The loss of Northern Pulp in Atlantic Canada will be devastating. I believe in the company and believe the MacNeil government will do the right thing and allow Northern Pulp the time to get the project in place in the time frame needed to get it done right. Thank you.

**From:** \_\_\_\_\_@gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:45:00 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Not enough is known about the proposed effluent discharge. It is unknown how the effluent will effect a marine environment, especially an environment of tremendous cultural and vocational value . The federal standards now in place are outdated , 65,000cubic meters a day of heated effluent can only have a detrimental and unbalancing effect on a delicate and understudied environment. Northern pulp has proven to be a bad environmental actor and cannot be trusted to temper its corporate greed In the interest of a clean environment

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:48:59 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe Name:

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:51:14 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia can not loose the the forestry industry our economy would collapse.

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 12:55:38 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need to maintain our workforce in Nova Scotia. If an extension is necessary to complete project, DO IT. Give them the TIME.....

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:00:24 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need you Northern  
Pulp , yes pipe for Pictou County ðY' ðY' ðY' ðY'

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:08:39 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: #yespipe I support  
Nothern Pulp!! This pipeline has to go in.



**From:** [@gmsil.com](mailto:)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:10:56 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think they need to try this pipe. #yespipes

**From:** [2@gmail.com](mailto:2@gmail.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:24:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe ever you had 5 years to do this now looking for one more year extension ? PLFN will not agree the act his past

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:24:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In that it meets environmental guidelines it is necessary to keep a critical part of our struggling rural economies.

**From:** [@hotmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:26:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe!!!!!!

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's planned Pipeline  
**Date:** Thursday, February 07, 2019 1:27:18 PM

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My answer is just no. Are you willing to risk the #1 economic engine (fisheries) in our province?

No pipe in our Strait.

Pictou

Sent from my Samsung device over Bell's LTE network.

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:28:38 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This pipe into the water must be stopped forever. This is an ecological disaster in the making. Please stop this now

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:33:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Effluent treated or otherwise must not be allowed to enter the Northumberland Strait!

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:43:34 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Agree with the proposal  
!



**From:** [@northernpulp.com](mailto:@northernpulp.com)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 1:47:08 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Good morning The government of Nova Scotia need to rely on the experts and engineers to base their decision on in this project. Let the science decide not peer pressure from the public on either side of the argument. There is a lot at stake here and I fear the decision will be based on whatever will gain the most votes. If the science displays the mill will produce an effluent that is better than it currently is and it will meet all the current regulations and the new regulations coming down soon it should be allowed to run. If the effluent is going to be worse than the current system then that's a different story. A lot of locals are uneducated and very determined to stop this project due to lack of knowledge and poor communication at all levels. We need a government that will take an unbiased stance on this and think of the whole province. The government must do the right thing and protect the environment and the economy. rely on the experts, do the right thing. Keep this province working. Currently all political parties have been playing politics on this matter and not taking a side. A lot of forestry families need a government that will be straight up and honest. Families are leaving this province and many are making plans to leave. This is no time for games. If the science works approve the project and let these families know they have a future here in Nova Scotia. Thanks

**From:** [@gmail.com](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 2:00:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a very well put together document that Im sure answers a large majority of the questions from those who truly want to learn. If we simply remove our emotional biases and allow science to dictate our thoughts and decisions on large scale engineering projects such as this one, it is obvious to see that both the Forestry and Fishing industries of Pictou County can continue to coexist, as they have for the past fifty-two years.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 2:08:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Looks like a good upgrade from the current system. With the new equipment I can't see how it could have any more of a footprint than the current process being used. If anything it should be less. Lots of effort put in on Northern Pulps part to cover all necessary aspects of the build.

**From:** [@ns.sympatico.ca](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 2:15:11 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It looks like a thorough plan which meets all regulations.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Feedback opposing the Northern Pulp Waste Proposal  
**Date:** Thursday, February 07, 2019 2:18:23 PM  
**Attachments:** [ambient air study.pdf](#)

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NS Department of Environment and Premier McNeil,

I believe that the proposed effluent project SHOULD NOT be approved for the following reasons :

**1. The proposed waste process is not better than the current waste process**

Some say, "the effluent has been going out into the Strait for years anyway. " This is only partially true. A study conducted in 2005 showed that healthy mussels deployed into the Pictou Harbour and exposed to mill effluent and untreated municipal sewage for 6 months had developed leukemia. Another study showed that the effluent had never been flushing properly with a large amount settling back into Pictou Harbour. Because the old system was never flushing properly, most of the effluent has been confined to the local shoreline and has been flowing back into Pictou Harbour, rather than into the Strait. This was a good thing for the Strait, but not for area residents, especially Pictou Landing First Nation. In Northern Pulp's proposed new system, waste water would go straight out from the new Abercrombie Point treatment facility into "deeper waters. "This could result in the pollutants affecting a far wider area because of "improved flushing."

***Old Waste Process***

Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system, untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with micro-organisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids (TSS) and biochemical oxygen demand (BOD) decrease up to 30%, before the effluent flows out at the shore edge of the Strait at Point D.

**NOTE : Northern Pulp's effluent meets the regulations at Point C in the above process. Point C is also now a DEAD ZONE.**

Northern Pulp's own reports say that they release over 1000 kg (one metric ton) of suspended solids in their waste water each day. Test results have revealed the presence of dioxins, furans, chlorinated compounds, halogenated organic compounds and traces of heavy metals. These substances are known to have negative impacts to aquatic life. The study prepared for Northern Pulp by engineering consultants KSH Solutions Inc. clearly shows that there will be very little change in

wastewater quality with the new AST facility

### ***The Proposed Waste Proposal***

In the proposed new Activated Sludge Treatment (AST) system on the mill site, effluent will move through a primary clarifier to an aeration basin using micro-organisms to break down pollutants, and then to a secondary clarifier. The process will take less than 24 hours.

Therefore it will not have the 300 acre lagoon to provide further aeration, settling, cooling, volatilization and breakdown of materials that takes place during that time. This is referred to as "polishing" or tertiary treatment. That is one of the main reasons why the proposed system is not better since it doesn't have the time like the old process to settle, cool down, become further diluted etc.

Northern Pulp states that effluent from the new system, including an added oxygen delignification system (confirmed from mill execs that it will not be ready for the proposed launch of the new effluent system and does not have a timeline), will be similar to treated effluent leaving the present system at point C, with some (unspecified) reduction in biochemical oxygen demand (BOD.)

## **2. Additional Air Quality Issues**

The new proposal also shows a plan to burn contaminated sludge in 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 woodwaste 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 emission

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.

Another study in 2008 shows Pictou County had the highest rates of cancer in Nova Scotia with stillbirths and infant deaths amongst the highest in the province.

### **3. Bleach Chlorine Mills and the Impacts on Marine Life**

The molecular chlorine or chlorine-containing compounds currently used as bleaching agents by the pulp and paper sector react with materials released from wood during the pulping process, resulting in the formation of chlorinated organic compounds which are in part discharged into the aquatic environment via effluents. Canadian mills are estimated to use over 610 000 tonnes of chlorine annually to produce over 10 million tonnes of bleached pulp and to release over a million tonnes of

chlorinated organic compounds to the aquatic environment.

- The dioxins and furans are part of the bleaching process and are considered “toxic” under Sections 11(a) and 11(c) of the Canadian Environmental Protection Act and I believe the Federal Government has more expertise and resources to assess this compared to the province.
- TSS and BOD are regulated under Sections 34 and 36 of the Fisheries Act which is a Federal act thus requiring Federal involvement.
- The chemical composition of bleached pulp mill effluents is variable and not well characterized. Approximately 250 compounds have been identified in bleachery effluents but many more remain unidentified. Thus, substantial quantities of chlorinated organic compounds, both of known and of unknown composition, enter the Canadian aquatic environment from bleached pulp mill discharges.
- Many of these chlorinated organic compounds are persistent and have been detected in water, sediments and biota up to 1400 km from bleached pulp mills outfalls. Compounds with low chlorine substitution degrade within hours to days, whereas highly chlorinated organic compounds may persist from days to weeks or longer. Persistence may be longer in winter, especially under ice. Some chlorinated organic compounds can be biologically degraded or transformed and transformation may lead to more persistent and bioaccumulative compounds.
- Chloroveratroles, for example, transformation products of chloroguaiacols which are unique to bleached pulp mill effluents, are capable of accumulating in fish up to 25 000 times the concentration in water.
- Some other chlorinated organic compounds detected in biological tissues downstream of bleached pulp mills reflect repeated or long-term exposure rather than high bioaccumulative potentials.
- Seventy-five percent of Canadian bleached pulp mills discharge effluents that are acutely lethal to fish, sometimes at concentrations as low as 3.2% effluent. A few individual chlorinated organic compounds in these effluents approach or surpass concentrations that cause mortalities in aquatic organisms ranging from algae to fish.
- Seventy percent of Canadian freshwater bleached pulp mills discharge whole effluent that, even upon dilution by the receiving waters, are at levels which cause chronic effects. Chronic effects, such as reproductive anomalies, biochemical changes, and behavioural alterations in aquatic organisms, have been observed in Canadian field studies at 0.5 to 5 % whole effluent.
- Laboratory studies using individual chlorinated organic compounds that are commonly discharged from bleached pulp mills have demonstrated such chronic effects as deformities, and embryo and larval mortalities in fish. These chronic effects include significant irreversible factors which jeopardize the continuance of the species and the integrity of the ecosystem. Thus, the levels of whole effluents discharged from Canadian bleached pulp mills to the aquatic environment and the resulting acute and chronic effects observed both in the field and in the laboratory combine to represent a



significant risk to the aquatic ecosystem.

Supporters of piping the effluent into the Strait say waste water will be diluted in the larger body of water, so the effluent will not cause harm to the fisheries or the larger environment. But that's not accurate. Even diluted, the toxins can have serious effects on aquatic life and the overall environment. Levels may be low at any one moment, but cumulative impacts over the longer term would have negative effects on aquatic life and the aquatic environment. In the case of NP's effluent, the volume of contaminants contained in the waste effluent is significant. Studies show that exposure even to low concentrations of heavy metals and other chemicals over time can disrupt reproduction, weight gain, and food sources of aquatic life. Also, bioaccumulation of toxins including heavy metals in aquatic species is of great concern.

Northern Pulp's proposal boasts about using an Activated Sludge Treatment (AST) effluent treatment system similar to the system used at Port Hawkesbury Paper for their treatment facility but it ignores the differences between the mills. Both mills produce pulp, but PHP is a thermomechanical pulp (TMP) mill, while NP is a chemical bleached kraft mill.

Port Hawkesbury Paper uses peroxide bleach and thermo-mechanical refining (no chemicals) to break down the lignin in wood fiber to produce pulp. Northern Pulp uses chemicals to produce pulp, plus additional chemicals to bleach the pulp. Northern Pulp bleaches with chlorine dioxide (ECF), and while, switching to ECF was an improvement from an older method used pre-1997, it does not eliminate the presence of dioxins, furans or other toxins in the effluent.

NOTE: Environment Canada has "Effluents From Pulp Mills Using Bleaching" listed as a toxic substance. This includes any mills still utilizing a chlorine or chlorine dioxide process. NP does not have an oxygen delignification system as most other modern pulp mills do. Oxygen delignification aids in reducing chemical usage and environmental impact. In addition, many mills recycle water, while NP does not.

A chemical-bleached kraft mill like Northern Pulp produces approximately 4 times more wastewater than Port Hawkesbury Paper. NP's waste water contains toxins that are not found in PHP's waste water, or in the waste water of most mills using AST systems that employ the use of oxygen delignification and recycle water. The new system proposed by Northern Pulp for treating effluent would use a multi-stage process to separate liquids and solids and then aerate. The wastewater would still contain toxic chemicals and traces of heavy metals which would accumulate at the 'point source' outflow location in the Strait.

#### **4. The Northumberland Strait – Depth and Ice Scouring**

The Strait is shallow and ice scouring occurs in the Winter. This presents a huge risk for the effluent pipe to get damaged. The Stantec Receiving Water Report calls this out - The general information provided below was obtained from the Canadian Coast Guard on Ice Climatology and Environmental Conditions (CCG, 2012). Generally, or normally, the first ice formation in the Gulf of St. Lawrence occurs in the St. Lawrence River in early to mid-December and progressively moves to Saguenay River and then forms along the coast of New Brunswick and progressively moves eastward. In January, the ice concentrations have reached very closepack range in the Northumberland Strait. By the end of February, thin first-year ice may be found in the Northumberland Strait. It is emphasized, however, that ice conditions in the Northumberland Strait are highly variable and the ice cover varies considerably from year-to-year.

There have been years when the entire Strait is frozen and totally ice-covered, while other years the Strait is relatively ice-free. It is quite possible for drift ice to be blown into the shore with winds out of the north. There is also the possibility of some ice-rafting along Nova Scotia's Northumberland shore where ice sheets over-ride each other and stack-up along the shore. Fast ice (ice which forms and remains fast along the coast) for most coastal regions in the Gulf has limited extents as it forms

in smaller bays and inlets which might be more typical and expected in Pictou Harbour (ENSR 1999).

The 1999 ENSR report included a review of available ice data for the Pictou area including consultation with researchers and review of published literature. It was determined that quantitative data in Pictou Road and Pictou Harbour was unavailable, while ice in the Northumberland Strait has been measured and studied extensively. Of particular interest were the events of ice scouring as it is well known that pipelines, outfalls, diffusers, and submarine cables are at risk during ice scour events.

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.

Based on the above, substantial ice pile-up should be expected near shore of the Northumberland Strait and ice scour is possible and should be anticipated anywhere in Pictou Road and the Northumberland Strait area. Available information suggests that there is a potential for damage to the pipe, outfall, and diffusers in the areas of Pictou Road out into the Northumberland Strait, based on ENSR (1999)

#### **5. The Northumberland Strait Cannot withstand Additional Pressures**

The Northumberland Strait Ecosystem Overview Report, prepared for DFO in 2007, documents increasing stresses on the Strait. "Increased nutrient loading from land-based activities was identified as the most important MEQ [Marine Environment Quality] issue in the near shore areas such as the estuaries, harbours, and bays. The principal sources of nutrients to the coastal areas of the Northumberland Strait are sewage, agricultural runoff, fish plant effluents, and pulp mill effluent." The Ecosystem Overview Report also states, "In addition to individual impacts of the various elements identified as having an impact on the environment in the Northumberland Strait, there can be cumulative impacts that exceed the individual effects." Ocean stresses are increasing generally. Anoxic areas, where there is insufficient oxygen for marine life, are growing, and are expected to continue to do so due to global warming and other factors. The discharge of pulp effluent, with significant amounts of total suspended solids, biochemical oxygen demand, chemical oxygen demand and contaminants including heavy metals and AOX, has to be evaluated in the context of cumulative impacts on an increasingly stressed ecosystem. The consequences will be greater now and in coming decades than they would have been 50 or 25 years ago in healthier oceans.

#### **6. Weak Regulations**

Pulp and Paper Effluent Regulations (PPER) in Canada cover two matters; total suspended solids (TSS) and biochemical oxygen demand (BOD.) Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90% and 97% respectively from 1970-2008, 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.

This information led the federal department of Environment and Climate Change to undertake a

modernization review of pulp and paper effluent regulations in 2017. “Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection,” the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100% concentration kills more than 50% of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes.

Only two mills in Canada test for and report impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations (PPER), which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act.

70% of pulp & paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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).

For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does.

## **7. Effluent Make up Unknown**

Hot water is a hazard to marine environment. NP presently releases 80 to 90 million litres of wastewater per day. This waste currently enters Boat Harbour at a temperature of approximately 40 degrees. A cooling tower as proposed by NP for its new treatment facility should lower waste effluent temperature to 32-36 degrees C. This would represent a 20 to 28-degree C water shock to marine life, if this water entered a marine habitat. This thermal shock would kill any marine life within meters of the discharge point. This thermal loading should be contrary to the Fisheries Act. Yet this issue is not addressed in KSH’s design proposal for a new facility. There is no plan to bring wastewater to within 1 to 5 degrees of the natural habitat. Further to this, Northern Pulp has been unable to release the exact composition of this proposed effluent.

## **8. Economics**

The Nova Scotia Economy exports \$1.5 Billion dollars worth of Shellfish per year. Shellfish that are caught in the Strait are sold under the “Atlantic Canadian” brand. Contamination of even a few shellfish would destroy the excellent reputation Atlantic Canada has in regards to this resource. The

results for Atlantic Canada would be catastrophic. Examples of similar situations would be:

1. In 2003, one case of mad cow disease was discovered in Alberta. The result, it collapsed the Canadian Beef market.
2. In 2018, a trace of GMO Wheat that came from Canada was discovered in Asia. The result, Asia declared they no longer would buy wheat from Canada until the issue was addressed.

Besides the \$2 Billion dollar Commercial Fishery in NS, The Northumberland Strait also employs a lot of people in Tourism. There are 3200 jobs in this industry along the Strait that generates \$200 Million in revenue and brings in about \$24 Million in Tax Revenue.

In addition to those two industries, The NS Sportfishing industry is growing and more emphasis is being placed on attracting Fishers from outside our Province. This industry is currently worth \$65 Million dollars to the economy, with the Strait bringing in a big piece of that. The Strait has 15 + rivers that come in off of the Strait that all have world class Atlantic Salmon, Brook Trout and Brown Trout. These species are considered in the top 5 in the world for Sport Fish.

#### **9. Pictou Town Water Supply**

Although very little info has been released by Northern Pulp on this, the latest proposed route show the effluent pipe going through the Pictou Town water supply. Should this pipe be compromised like it has multiple times with the current waste prices, the Pictou Town water supply would become contaminated.

#### **10. Marine Protected Area**

The receiving water area is part of a Marine Protected Area and a scallop buffer zone.

#### **11. Trust/History**

Northern Pulp has had over a dozen infractions since 2014 and 2 very large effluent spills that they did not report in a timely manner nor in an accurate manner per the Federal judge presiding over one of these spills

#### **12. Federal Fishing Zone**

The receiving water area is part of a Federal fishing zone and shared by 3 Provinces.

#### **13. Pictou Landing First Nations**

The Aboriginal rights of PLFN need to be considered. The new discharge location still has a direct affect on them and their livelihood, as it pertains to fishing.

#### **14. Species at Risk and Species of Concern**

There are 'Species at Risk' that potentially will be negatively affected via this effluent pipe during construction as well as at the outflow. They are listed on the DFO and NS websites.

#### **15. Wild life Sanctuary**

The proposed discharge location is directly adjacent to Caribou-Munroe's Island Park; a bird and wildlife sanctuary.

Thank you for this opportunity to provide my feedback. I look forward to the results of a thorough

review.

Sincerely,

# Pilot study investigating ambient air toxics emissions near a Canadian kraft pulp and paper facility in Pictou County, Nova Scotia

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**Abstract** Air toxics are airborne pollutants known or suspected to cause cancer or other serious health effects, including certain volatile organic compounds (VOCs), prioritized by the US Environmental Protection Agency (EPA). While several EPA-designated air toxics are monitored at a subset of Canadian National Air Pollution Surveillance (NAPS) sites, Canada has no specific “air toxics” control priorities. Although pulp and paper (P&P) mills are major industrial emitters of air pollutants, few studies quantified the spectrum of air quality exposures. Moreover, most NAPS monitoring sites are in urban centers; in contrast, rural NAPS sites are sparse with few exposure risk records. The objective of this pilot study was to investigate prioritized air toxic ambient VOC concentrations using NAPS hourly emissions data from a rural Pictou, Nova Scotia Kraft P&P town to document concentration levels, and to determine whether these concentrations correlated with wind direction at the NAPS site (located southwest of the mill). Publicly accessible Environment and Climate Change Canada data (VOC concentrations [Granton NAPS ID: 31201] and local meteorological conditions [Caribou Point]) were examined using temporal (2006–2013) and spatial analytic methods. Results revealed several

VOCs (1,3-butadiene, benzene, and carbon tetrachloride) routinely exceeded EPA air toxics-associated cancer risk thresholds. 1,3-Butadiene and tetrachloroethylene were significantly higher ( $p < 0.05$ ) when prevailing wind direction blew from the northeast and the mill towards the NAPS site. Conversely, when prevailing winds originated from the southwest towards the mill, higher median VOC air toxics concentrations at the NAPS site, except carbon tetrachloride, were not observed. Despite study limitations, this is one of few investigations documenting elevated concentrations of certain VOCs air toxics to be associated with P&P emissions in a community. Findings support the need for more research on the extent to which air toxics emissions exist in P&P towns and contribute to poor health in nearby communities.

**Keywords** Air toxics · Air quality · Volatile organic compounds (VOCs) · Community health · Pulp and paper · Cancer risk

## Introduction

Poor ambient air quality is an increasing global concern with recent revelations that 92% of the world’s population is exposed to air pollution levels above the World Health Organization (WHO) air quality guidelines (WHO 2006, 2016; Kelly and Fussell 2015). Ambient air pollution is widely recognized and increasingly associated with a wide range of acute and chronic adverse health effects, including cancer, cardiovascular, respiratory, and mortality outcomes (IOM 2011; Villeneuve et al. 2013; ECCC 2015a). The pathological mechanisms by which these toxic exposures exert their effects are not well understood. WHO highlights the need for research in order to better inform exposure-response relationships (WHO 2016).

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Most air pollution surveillance activities are limited to measurement of respirable fine particulate matter  $\leq 2.5 \mu\text{m}$  ( $\text{PM}_{2.5}$ ), without regard to their specific chemical composition and criterion air contaminant (CAC) gases (i.e., nitrogen oxides [ $\text{NO}_x$ ] and ground-level ozone [ $\text{O}_3$ ]). There is growing concern about the toxicity of volatile organic compounds (VOCs) (Cicoella 2008) and the consequences of long-term, low-dose exposure to these agents. VOCs are varied and widespread air pollutants (e.g., hydrocarbons, aromatics, and some chlorinated compounds) that are increasingly recognized as important precursors to  $\text{PM}_{2.5}$  and ground-level  $\text{O}_3$  formation through photochemical reactions (Ryerson et al. 2001). Atmospheric deposition of VOCs may contaminate other environmental media (e.g., soils, sediments, and biota) (ATSDR 2014a; MacAskill et al. 2016). Many VOCs are included in the US Environmental Protection Agency (EPA) “air toxics” list. “Air toxics” are defined as “those pollutants that cause or may cause cancer or other serious health effects [...] or adverse environmental and ecological effects” (EPA 2015a).

According to the Canadian Environmental Protection Act 1999 (CEPA), VOC releases are acknowledged as a health concern, but, due to their highly volatile properties, are challenging to monitor and manage (CCME 2011). Although no specific Canadian legislative or regulatory tools address ambient VOC levels, emissions are indirectly controlled through regulatory mitigation of  $\text{PM}_{2.5}$  and ground-level  $\text{O}_3$  under the Canadian Ambient Air Quality Standards (CAAQS). Under CEPA, it is mandatory for owners or facility operators, who meet reporting requirements, to self-report pollutant releases to air, water, and land to Environment and Climate Change Canada (ECCC)’s National Pollutant Release Inventory (NPRI) (ECCC 2014). While this provides a disincentive to those industries releasing these agents, there is less regulatory control or routine monitoring of these agents in Canada which, in turn, limits scientific understanding of sources, exposures, and the effectiveness of current control measures across the country.

Ambient air monitoring in the US is conducted in accordance with the *Clean Air Act* (CAA) (Clean Air Act 1970). CAA amendments identify 187 air toxics, which form the basis for EPA’s approach to regulating emissions (EPA 2015a). Of these, EPA identified 30 air toxics that pose the greatest potential health threat in urban areas (EPA 2015b). Although many CEPA-toxic or equivalent agents are monitored by the National Air Pollution Surveillance (NAPS) network, it includes a selection (not all) of EPA’s list of prioritized air toxics, and the main criteria for air toxics monitoring in Canada has been their potential contribution to ambient PM and ground-level  $\text{O}_3$  (Galarneau et al. 2016). Consequently, there are gaps in understanding of air toxics concentrations across the NAPS network. Using the risk-based principles outlined in CAA, EPA

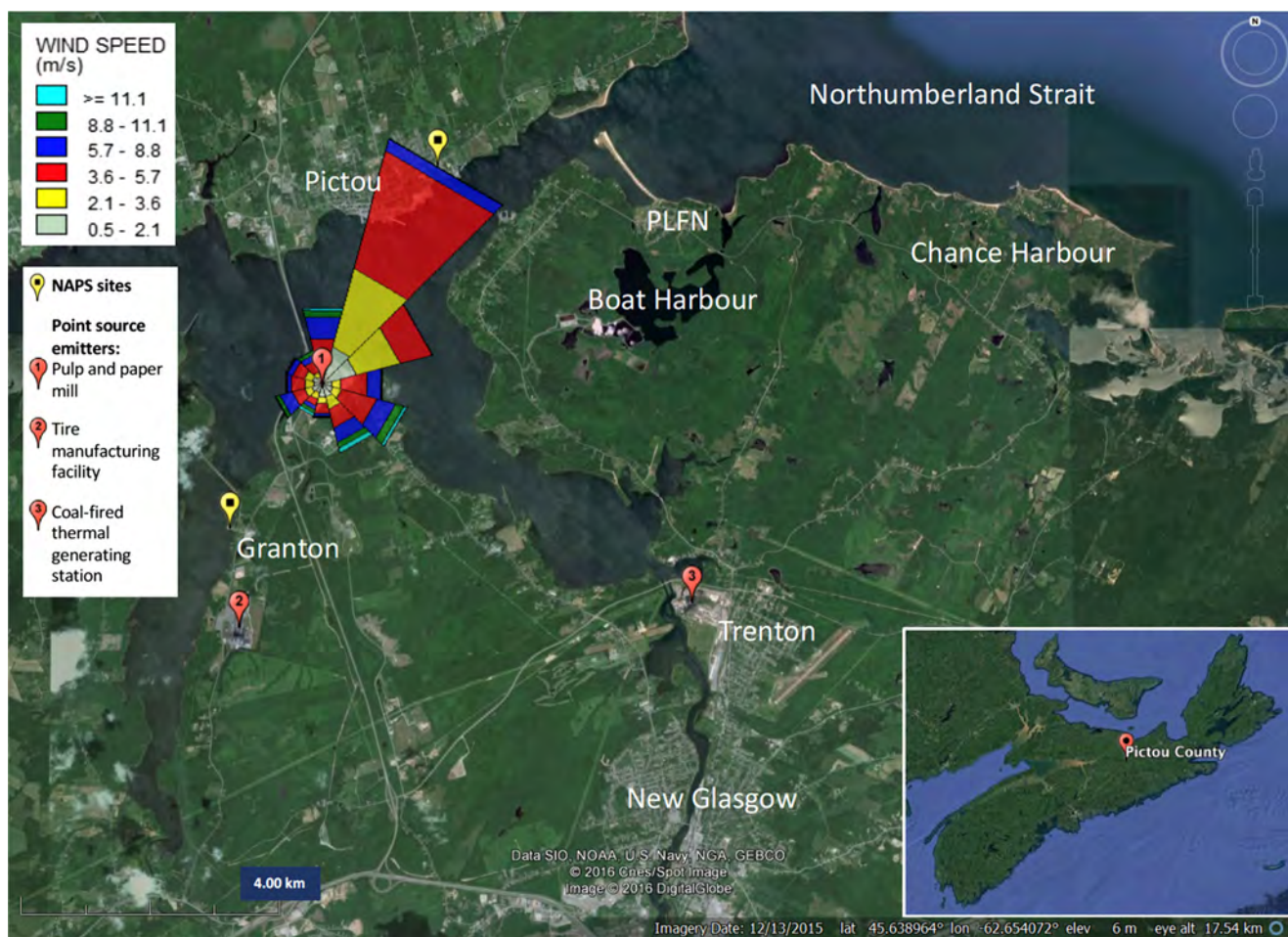
developed the National Air Toxics Assessment (NATA), a comprehensive evaluation tool that prioritizes efforts to regulate emissions of air toxics (EPA 2015c). Such a rigorous initiative has yet to be implemented in Canada, where no federal guidelines exist for ambient air toxics.

Despite economic benefits of the P&P industry, it generates large quantities of atmospheric and effluent emissions, resulting in environmental degradation (Hewitt et al. 2006; Hoffman et al. 2015; Hoffman et al. 2017). P&P mill emissions vary depending on the pulping method, wood species, and by the age and technology used (Soskolne and Sieswerda 2010). P&P mills are industrial emitters of air toxics, although few investigations (e.g., the Nez Perce National Air Toxics Program, funded by EPA [STI 2009]) have characterized ambient concentrations in nearby communities.

Potential adverse health effects associated with exposure to air pollutants in the vicinity and downwind from P&P facilities include respiratory disease, neurophysical symptoms, and higher risks of contracting lung cancer (Soto et al. 1991; Toren et al. 1996; Mirabelli and Wing 2006). Yet, few investigations reported adverse health effects from chronic community-level ambient exposures to P&P mills emissions in Canada (Mirabelli and Wing 2006; Soskolne and Sieswerda 2010). While there have been a number of occupational epidemiological studies of P&P workers, these investigations have not been extended to examine community exposures, due to research design challenges including ecological fallacy (i.e., inferences made about individuals deduced from the population) in community studies (Soskolne and Sieswerda 2010). Additionally, most of these studies focused on respiratory disease outcomes; there is a dearth of epidemiological studies of cardiovascular effects or cancer effects in these communities.

Decades-long concerns for perceived higher incidence and mortality rates for all-cause cancer, cardiovascular disease, chronic respiratory disease, and diabetes (Reid 1989; PCHA 2008; Statistics Canada 2013) in PC, Nova Scotia, have generated considerable community antipathy among residents towards a local P&P mill (Hoffman et al. 2015). This bleached kraft P&P mill (“the mill”) is located approximately 3 km south of the town of Pictou (population 3500) and produces approximately 280,000 t of bleached kraft pulp annually from softwood and hardwood chips (NP 2016b) (Fig. 1) and has been in production since 1967 (Ogden 1972). Public backlash gained momentum during 2014 due to the failure of the recovery boiler electrostatic precipitator (i.e., particulate filtration device).

Environmental reporting by the mill, when compared against provincial and federal regulatory compliance standards, contrasted to local perceptions of impacts. Most environmental monitoring reports indicated some



**Fig. 1** Summer (2006–2013) wind rose simulation using WRPlot View™ (blowing to direction) with the mill as the focal point (1), relative to communities (e.g., Pictou and Pictou Landing First Nation [PLFN]), NAPS discrete receptor sites, and other local point source

emitters (e.g., tire manufacturing facility (2), coal-fired thermal electrical generating station (3)). The length of each radial spoke represents the relative frequency of wind direction (©Google Earth)

level of compliance in atmospheric emissions, but when compliance targets were exceeded, there were inconsistent regulatory enforcement (Hoffman et al. 2015). The mill is required to report emissions to NPRI: conduct third-party stack testing, continuous emission monitoring of total reduced sulfur (TRS), and ambient air monitoring for pollutants found in the Nova Scotia Air Quality Regulations pursuant to the *Environment Act* (NSE 2015). The mill’s air emission monitoring data are reviewed by provincial and federal regulators to ensure compliance with applicable environmental permits and air quality objectives (ECCC 2014). Hoffman et al. (2015) provided detailed information on new and existing environmental policies that impose pollution abatement in the P&P industry in Canada, particularly the PC mill (e.g., 2015 Industrial Approval).

These are critical research gaps both in relation to community exposures to VOCs in P&P communities and in regard to adverse health effects resulting from

chronic exposure to P&P emissions which are a concern given the potential adverse health outcomes that VOCs and other P&P air emissions pose. This further justifies the need for more research to characterize air quality in this particular subset of industrial communities, which have often been neglected because of their remote locations.

An intensive study of specific ambient air toxic emissions in PC has not been undertaken. The aim of this pilot study was to assess levels of PC community exposures to VOC air toxics emissions from 2006 to 2013, and to evaluate these data in relation to potential risks suggested by EPA air toxic guidelines. The main objective of this study was to determine whether wind direction correlated with prioritized air toxic ambient VOC concentrations at a nearby NAPS site (Granton). As the Granton NAPS site is positioned southwest of the mill, it was hypothesized that prevailing winds (PW) from northerly and northeasterly directions would



positively correlate with an increase in ambient VOC concentrations, as capturing potential VOCs from the mill's plume would be optimized (Fig. 1).

## Materials and methods

### Spatial and temporal sampling

Historical meteorological and NAPS data from the Granton NAPS site discrete receptor (ID: 31201) were collected from publically assessable ECCC databases (<http://climate.weather.gc.ca/climateData/>; <http://maps-cartes.ec.gc.ca/rnsps-naps/>). Hourly surface wind observations (i.e., speed and direction to the nearest 10°) were obtained from the closest EC meteorological station, Caribou Point (45.767° N; 62.683° W), located ~10 km north of the mill (45.652° N; 62.718° W). Temporal data for ambient VOCs monitored at the Granton NAPS station were limited to 2006 to 2013.

Nova Scotia Environment (NSE) operates both NAPS monitoring stations in PC: (i) downtown Pictou (ID: 30901) located 3.5 km northeast of the mill and (ii) Granton (ID: 31201) located 2.5 km southwest of the mill (Fig. 1). The Pictou NAPS site routinely monitors NO, NO<sub>2</sub>, NO<sub>x</sub>, O<sub>3</sub>, PM<sub>2.5</sub>, TRS (not VOCs), and wind characteristics, whereas the Granton site monitors 36 VOC species. Multi-component VOC monitoring at NAPS sites are conducted using canister sampling and gas chromatography/mass spectrometry (GC/MS) (CCME 2011). Sampling of 24 h (midnight to midnight) cumulative ambient air samples (µg/m<sup>3</sup>) are taken on a 1-in-6-day schedule by pumping ambient air into pressurized stainless steel SUMMA® canisters and analyzed by an EC accredited Laboratory (CCME 2011; Galarneau et al. 2016).

### Statistical analyses

Variation of meteorological conditions and VOC concentrations were assessed by conducting a spatiotemporal analysis to characterize ambient air toxics emissions in PC from 2006 to 2013. Various analytical methods can be applied to concentration data to estimate source apportionments of air pollutants to provide additional insights into the source/receptor relationships to guide development of more effective air quality management strategies (Hopke 2016). However, given the limitations of having complete VOC data from only one NAPS monitoring station in the region, a full chemical mass balance analysis to identify and apportion sources of atmospheric contaminants were not conducted in this study.

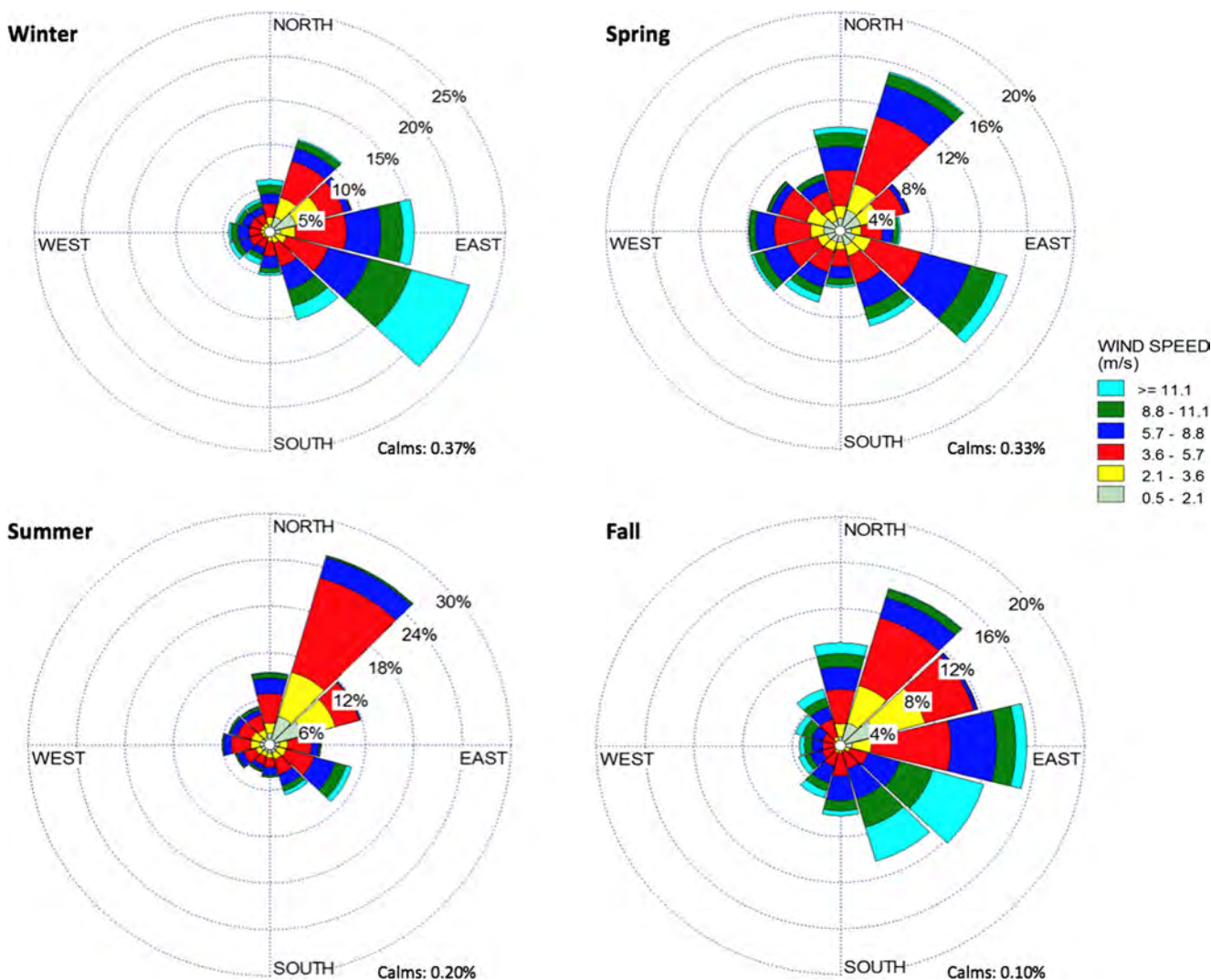
Wind rose plots were generated with WRPlot View™ (©Lakes Environmental Software) to simulate seasonal and

spatial variation of wind direction (°) frequency and wind speed (m/s) with the mill as the focal point. Although simplified, wind rose models have proven utility for estimating spatial gradients for fate and transport of pollutants from emission sources (Gibson et al. 2013). Summer, when local people spend more time outdoors (and more vulnerable to outdoor pollution exposure), was a focus of this study (Figs. 1 and 2).

This pilot study was conducted to determine whether ambient concentrations of VOCs exceeded their EPA-associated cancer and/or noncancer risk thresholds, to help identify potential human health concerns in PC. VOCs selected for analysis were based on EPA's list of 30 urban air toxics (EPA 2015b) and *National Air Toxics Trends Station Work Plan Template* (EPA 2015d). Health Canada and the province of Nova Scotia currently do not have specific guidelines for air toxics exposures. Therefore, EPA thresholds were considered a more acceptable standard for carcinogenic exposures in this study. Cancer risk threshold refers to the probability of contracting cancer if exposed to a substance every day over the course of a lifetime (assumed to be 70 years for the purposes of NATA risk characterization). Lower threshold values correspond with higher toxicity. Noncancer risk threshold is associated with effects other than cancer, based on reference concentrations via the "hazard quotient" ratio (HQ; exposure divided by appropriate chronic or acute value) (EPA 2015c). The HQ should not be interpreted as a probability of adverse effects. Noncancer risk thresholds are typically higher compared to cancer risk thresholds, as lower concentrations can elicit a carcinogenic response, whereas other diseases are not triggered until higher exposure thresholds are reached. US and Canadian method detection limits (MDL) are provided (Health Canada 2010; EPA 2015d) (Table 1).

The mill is located approximately 40° northeast of the Granton NAPS site. The selected PW range expected to result in increased VOC concentrations at the NAPS site (±40° either side of the mill [80° total]). A narrower range may be more accurate; however, due to the sample size of VOC samples, the selected range captured more data. All other wind directions (AOWD) represent ranges outside PW (i.e., >80°, <360°). AOWD represent sampling days when no time PW blew from the selected range (i.e., 0 h). VOC concentrations for AOWD were compared to when PW were present for at least 1 h.

Hourly meteorological data were compiled to correspond with ambient VOC sampling. Hourly wind direction within defined PW range (i.e., 360°–80°) was assigned a value of 1; AOWD were assigned a value of 0. Daily totals represented the proportion of time with PW (i.e., 1–24 h) compared to AOWD. Daily



**Fig. 2** Seasonal (2006–2013) wind rose simulations using WRPlot View™ (blowing to direction). Percentages represent frequency of wind direction

totals corresponding to VOC sampling were paired. Increasing proportions of PW (AOWD [0 h], ≥1 h, ≥4 h, ≥8 h, ≥12 h) categorized VOC concentrations, which were predicted to correlate with higher VOC concentrations. To test the effect of wind direction and season on ambient VOC concentrations, multivariate analysis of variance (MANOVA) and univariate analysis of variance (ANOVA) were applied in ©R. Due to right-skewed distributions for all VOCs, except for carbon tetrachloride, statistical procedures were performed on both raw and log-transformation of VOC concentrations (Supplementary material Table S1).

Box plots and histograms were used to compare VOC concentrations with PW ≥ 1 h to AOWD on an annual and seasonal basis in relation to their respective cancer and noncancer risk thresholds. See Supplementary material for histograms, and additional box-and-whisker plots illustrating VOC

concentrations with increasing time categories with PW (AOWD [0 h], ≥1 h, ≥4 h, ≥8 h, ≥12 h) (Figs. S2 and S4). Box plots display the distribution of data based on a five-number summary: minimum, first quartile, median, third quartile, and maximum. The central rectangle (“box”) spans the first to the third quartile (i.e., interquartile range [IQR]). The horizontal line segment within the box represents the median, and “whiskers” above and below the box represent the minimum and maximum. Radar plots consist of a sequence of angular spokes, whose length extending from the center along a separate axis is proportional to the magnitude of the variable relative to the magnitude of the variable across all data points. Lines connect the data values for each spoke. Radar plots were used to display seasonal variation of median VOC concentrations for PW ≥ 1 h and AOWD. One-tailed *t* tests, assuming unequal variance, were performed to determine whether seasonal variation associated with increasing proportions of time

**Table 1** List of priority air toxics (i.e., VOCs), associated cancer/noncancer risk thresholds ( $\mu\text{g}/\text{m}^3$ ), and method detection limits (MDL) ( $\mu\text{g}/\text{m}^3$ ) (Health Canada 2010; EPA 2015d)

VOC	Cancer risk <sup>a</sup> ( $\mu\text{g}/\text{m}^3$ )	Noncancer risk at HQ = 0.1 <sup>b</sup> ( $\mu\text{g}/\text{m}^3$ )	MDL <sup>c</sup> (NATS) ( $\mu\text{g}/\text{m}^3$ )	MDL (Health Canada) ( $\mu\text{g}/\text{m}^3$ )
Chloroform	–	9.8	0.50	0.089
1,3-Butadiene	0.0300	0.2	0.10	0.055
Vinyl chloride	0.1100	10.0	0.11	0.046
Benzene	0.1300	3.0	0.13	0.038
Carbon tetrachloride	0.1700	19.0	0.17	0.123
Trichloroethylene	0.2083	0.2	0.20	0.190
Tetrachloroethylene	3.8462	4.0	0.17	0.120

<sup>a</sup> Cancer risk threshold: the probability of contracting cancer over the course of a lifetime (assumed to be 70 years for the purposes of NATA risk characterization). Lower threshold values correspond with higher toxicity (EPA 2015c)

<sup>b</sup> Noncancer risk threshold: the risk associated with effects other than cancer, based on the reference concentration via a ratio known as the “hazard quotient” (HQ; the exposure divided by the appropriate chronic or acute value)

<sup>c</sup> MDL: the lowest concentration that can be detected with confidence. NATA and Health Canada’s MDLs are listed for comparison (Health Canada 2010; EPA 2015d)

with PW (i.e.,  $\geq 1$  h,  $\geq 4$  h,  $\geq 8$  h,  $\geq 12$  h) resulted in a significant increase ( $p < 0.05$ ) in VOC concentrations compared to AOWD (see Supplementary material, Table S3).

### Quality control

Standard procedures of the Meteorological Service of Canada have been developed in accordance with internationally recommended procedures established by the World Meteorological Organization (ECCC 2013a). As part of the quality assurance and quality control (QA/QC) program, observational meteorological data are subjected to a computer analysis or review to reveal possible errors. EC and the operating agency are jointly responsible for the NAPS network QA/QC program. Elements of the program include site selection, sampling system requirements, instrument calibration and reference standard requirements, and inter-laboratory testing and performance audits. With few exceptions, analyzers are accorded with EPA designation as either a reference or equivalent method for ambient air monitoring (ECCC 2004). ECCC’s air quality laboratories use International Organization for Standardization requirements (i.e., ISO 9001:2008 or ISO/IEC 17025:2005) (ECCC 2013b).

## Results and discussion

### Meteorological observations

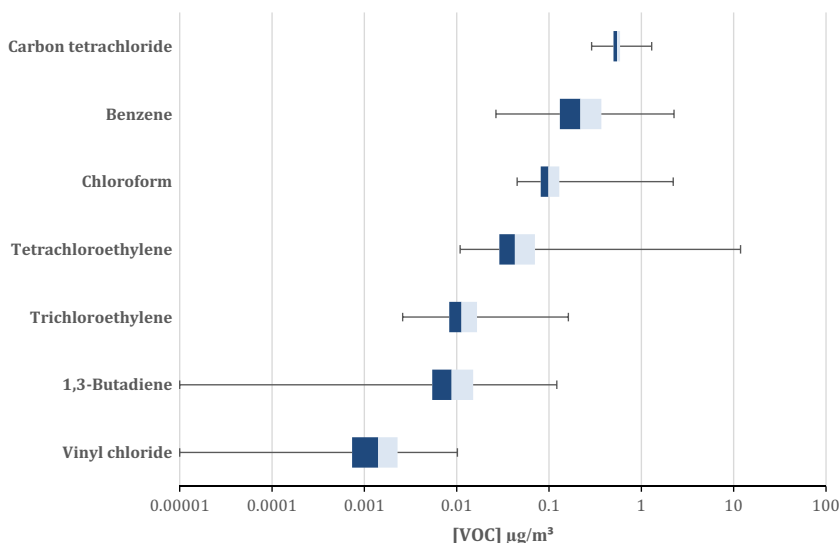
Wind rose simulations illustrate seasonal variability with respect to wind direction, with the mill as the focal point (Fig. 2). During summer, wind blew NNE

(25.47%) and ENE (11.80%) directions (aggregate range  $15^\circ$ – $75^\circ$ ) towards Pictou and Pictou Landing First Nation (PLFN) (Figs. 1 and 2). Wind blew less frequently towards S-NNW (aggregate range  $165^\circ$ – $345^\circ$ ) towards the Graton NAPS site. During winter, wind typically prevailed from the north; the highest frequency (21.99%) blowing ESE, followed by E (15.37%) directions (aggregate range  $75^\circ$ – $135^\circ$ ) (Fig. 1). Spring and fall have meteorological characteristics that are similar to summer and winter and were considered transitional periods. Pictou, PLFN, Chance Harbour, Trenton and New Glasgow are communities close to the mill that are downwind of annual PW (range  $15^\circ$ – $165^\circ$ ). The Graton NAPS site correlates poorly with seasonal or annual wind directions (Fig. 2).

### VOC concentrations

Carbon tetrachloride had the highest median concentration ( $0.5452 \mu\text{g}/\text{m}^3$ ) and vinyl chloride had the lowest ( $0.0014 \mu\text{g}/\text{m}^3$ ) (Fig. 3). Carbon tetrachloride concentrations exceeded its EPA cancer risk threshold ( $0.1700 \mu\text{g}/\text{m}^3$ ) for all samples, with maximum and minimum concentrations of  $0.7047$  and  $0.2892 \mu\text{g}/\text{m}^3$ , respectively. Benzene concentrations exceeded its cancer risk threshold ( $0.1300 \mu\text{g}/\text{m}^3$ ) for most samples, with maximum and minimum concentrations of  $1.889$  and  $0.0266 \mu\text{g}/\text{m}^3$ , respectively. Concentrations of 1,3-butadiene concentrations occasionally exceeded its cancer risk threshold ( $0.0300 \mu\text{g}/\text{m}^3$ ), with maximum and minimum concentrations of  $0.1062$  and  $0 \mu\text{g}/\text{m}^3$ , respectively (Fig. 3). Consequently, 1,3-butadiene, benzene, and carbon tetrachloride were air toxics of primary concern in terms of local

**Fig. 3** Relative VOC concentrations ( $\mu\text{g}/\text{m}^3$ ) (2006–2013). Should not be interpreted as orders of magnitude of toxicity. Minimum concentration for 1,3-butadiene and vinyl chloride is  $0 \mu\text{g}/\text{m}^3$  or undetectable

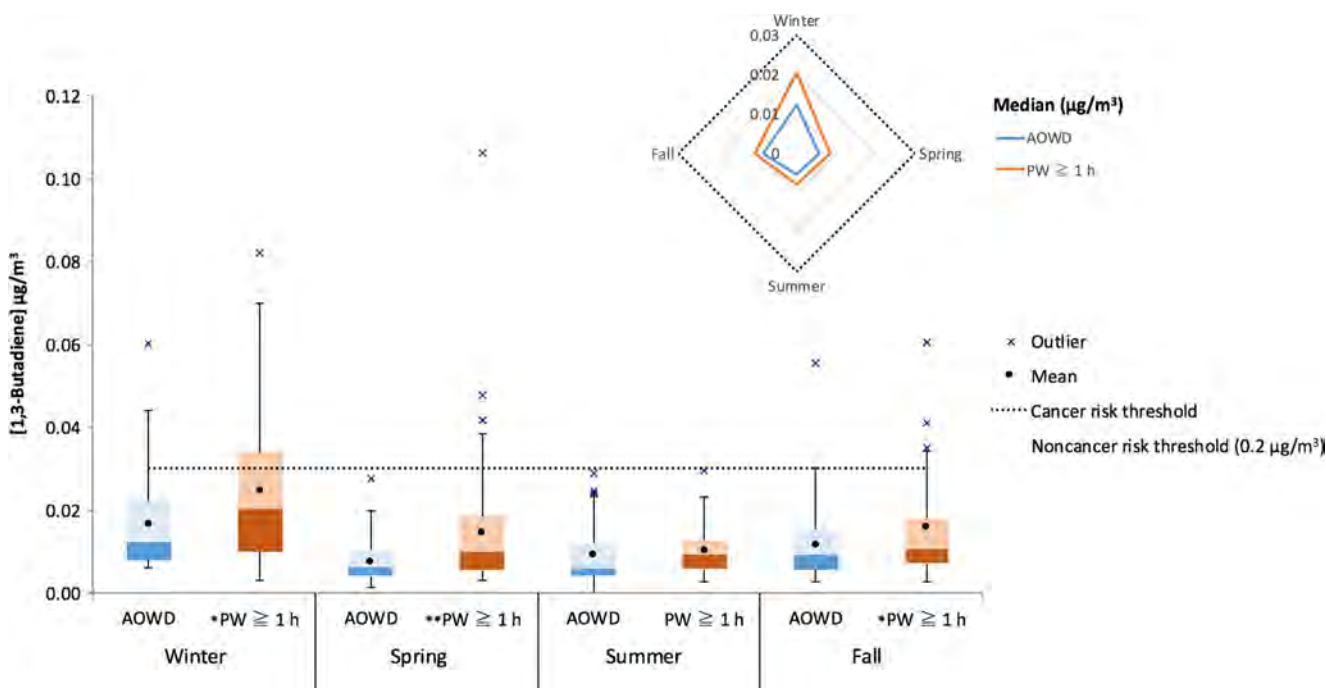


population risk. Other VOCs are presented in Supplementary material (Fig. S5).

ANOVA and MANOVA results revealed that 1,3-butadiene was significantly higher with the presence of  $\text{PW} \geq 1 \text{ h}$  ( $p = 0.001$  and  $p = 0.01$  for raw and log-transformed data, respectively). Tetrachloroethylene was also statistically higher with the presence of  $\text{PW} \geq 1 \text{ h}$  ( $p < 0.01$ ) for log-transformed data. Benzene approached significance with the presence of  $\text{PW} \geq 1 \text{ h}$  ( $p = 0.07$ ) for log-transformed data. Although not statistically significant, median concentrations of other VOCs,

except carbon tetrachloride, were equal or marginally higher with presence of  $\text{PW} \geq 1 \text{ h}$  compared to AOWD. Season had a consistent significant effect on VOC concentrations, except chloroform and tetrachloroethylene (Supplementary material Fig. S2 and Table S1).

Box plots combined with radar graphs illustrate seasonal variation of VOC concentrations of primary concern (i.e., 1,3-butadiene, benzene, carbon tetrachloride) under  $\text{PW} \geq 1 \text{ h}$  and AOWD conditions (Figs. 4, 5, and 6). Median VOC concentrations associated with  $\text{PW} \geq 1 \text{ h}$  and AOWD display parallel



**Fig. 4** Seasonal variation (2006–2013) of [1,3-butadiene] ( $\mu\text{g}/\text{m}^3$ ) comparing AOWD to  $\text{PW} \geq 1 \text{ h}$  on sampling days (i.e.,  $360^\circ - 80^\circ$ ), relative to associated cancer and noncancer risk thresholds.

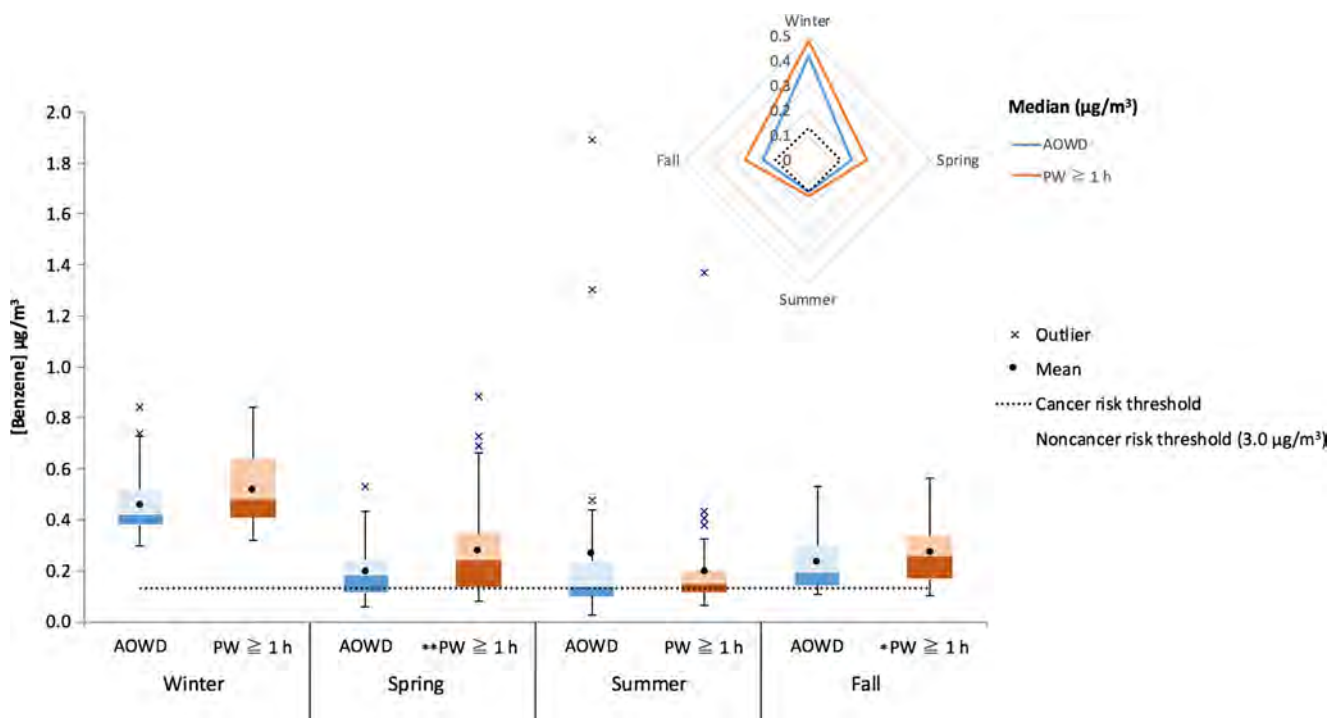
Minimum concentration is  $0 \mu\text{g}/\text{m}^3$  or undetectable. Significant differences indicated as  $* < 0.05$ ;  $** < 0.01$

seasonal trends. Concentrations of 1,3-butadiene (Fig. 4) and benzene (Fig. 5) exhibit seasonal variation. Both have evidently higher concentrations during winter, with summer having overall lowest concentrations. In addition to exceeding cancer risk thresholds, *t* test results revealed that 1,3-butadiene and benzene concentrations were significantly higher with the presence of  $PW \geq 1$  h compared to AOWD during at least two seasons, including spring and fall. Conversely, median carbon tetrachloride concentrations showed little variation (Fig. 6). Regardless of season or wind direction, all carbon tetrachloride samples exceeded its associated cancer risk.

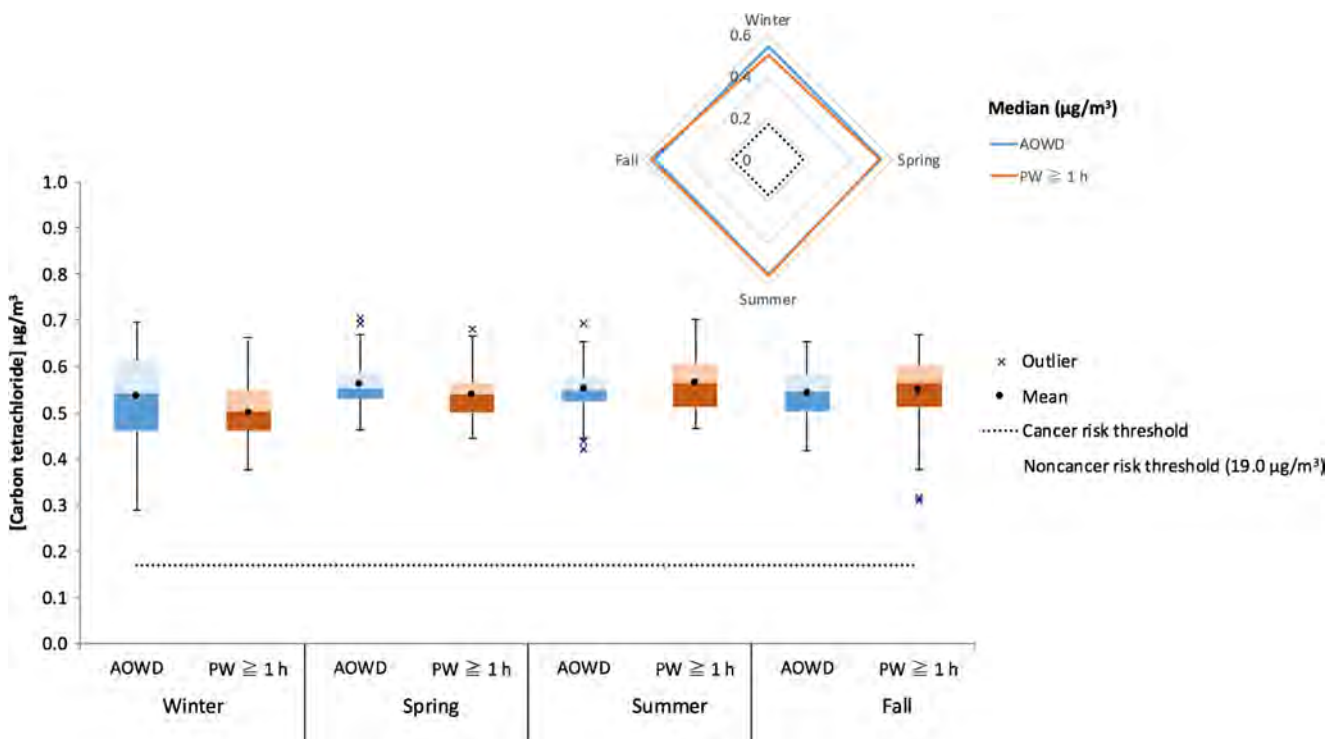
This pilot study presents findings of a secondary analysis of 8 years of air toxic VOC exposure data associated with ambient air quality in a Canadian P&P town. Concentrations of three ambient outdoor air toxics routinely exceeded EPA air toxics-associated cancer risk thresholds and are consequently of primary health concern in relation to population health risk in PC: 1,3-butadiene, benzene, and carbon tetrachloride. Exceedance in cancer risk thresholds for these air toxics is consistent in the literature (e.g., Morello-Frosch et al. 2000). The extent to which threshold exceedances of 1,3-butadiene adversely affect human health is poorly understood, with little toxicity information available to compare with cancer risk estimates (Morello-Frosch et al. 2000). With respect to benzene exposure, most monitoring data are associated with occupational studies (ATSDR 2007a), where long-term exposure can cause leukemia (ATSDR 2007b). High exposure to carbon tetrachloride can cause liver, kidney, and central

nervous system damage (ATSDR 2005). Combinations of air toxics may have additive or synergistic adverse health effects (Morello-Frosch et al. 2000). Therefore, exposure to mixed VOCs might pose health risks to facility employees and neighboring residents (An et al. 2014; He et al. 2015).

Emission sources within the defined PW range, N to ENE of the Granton NAPS site, may be a causal factor for the increase in VOC concentrations, except carbon tetrachloride. The largest point source emitter within this range is likely the mill; however, the origin(s) of VOCs are inconclusive. According to the mill's most recent substance report submitted to NPRI in 2012, 143.18 t of VOCs were atmospherically emitted on-site (ECCC 2012). An estimated 3.195 t of benzene were released to the air from a stack higher than 50 m and 0.022 t were released within 50 m of the ground. Additionally, benzo(a)anthracene and of benzo(a)phenanthrene were emitted to the air (9.7 and 6.7 kg, respectively) and deposited on-site (0.753 and 0.142 kg, respectively) (ECCC 2012). Although trichloroethylene, tetrachloroethylene, and carbon tetrachloride were not reported to have been released, they may become airborne through evaporation from P&P wastewater (Soskolne and Sieswerda 2010). Boat Harbour (the mill's effluent treatment facility) may therefore contribute to ambient concentrations of VOCs. Collectively, these emissions may have contributed to the ambient atmospheric levels of VOCs measured at the Granton NAPS site. While



**Fig. 5** Seasonal variation (2006–2013) of [benzene] ( $\mu\text{g}/\text{m}^3$ ) comparing AOWD to PW for at least 1 h on sampling days (i.e.,  $360^\circ - 80^\circ$ ), relative to associated cancer and noncancer risk thresholds. Significant differences indicated as \* $<0.05$ ; \*\* $<0.01$



**Fig. 6** Seasonal variation (2006–2013) of [carbon tetrachloride] ( $\mu\text{g}/\text{m}^3$ ) comparing AOWD to PW for at least 1 h on sampling days (i.e.,  $360^\circ - 80^\circ$ ), relative to associated cancer and noncancer risk thresholds

NPRI provides detailed information on pollutant releases, data are self-reported by facilities, with no audits to ensure accuracy. Consequently, data quality may be compromised.

The major chlorinated hydrocarbon emitted into the air from bleached kraft pulp mills of concern is chloroform, which is produced by heating a mixture of chlorine and either chloromethane or methane (EPA 1985). Although chloroform is a recognized by-product of the chlorination process in the P&P industry, it has been suggested that up to 90% of total emission sources may be natural in origin and is widely dispersed in marine environments (McCulloch 2003). As PC is located along the coast of the Northumberland Strait, marine environments may have contributed to the observed ambient chloroform concentrations (see [Supplementary material](#)).

Results implicate the mill as a source of air toxics (particularly 1,3-butadiene and tetrachloroethylene); however, other local sources likely contribute to air toxics emissions. Area and mobile sources have been reported to largely contribute to concentrations of 1,3-butadiene (ATSDR 2014b) and benzene (ATSDR 2007a). Because the Granton NAPS site is located near a highway and access roads, vehicle emissions may have contributed to the observed concentrations of these compounds. A coal-fired thermal generating station and a tire manufacturing facility (located 7 km E and 1.5 km S from the Granton NAPS site, respectively) may be other local point

source emitters of VOCs (e.g., 1,3-butadiene is used to make synthetic rubber [ATSDR 2014b]) (Fig. 1). According to the latest NPRI substance reports: the tire manufacturing facility released 220 t of atmospheric VOCs, whereas no VOC releases were reported by the thermal generating station (ECCC 2015b), despite that coal combustion is a significant contributor (Chagger et al. 1999). Direct links between 1,3-butadiene and vinyl chloride with P&P industries were not found in the literature.

Major monitored pollutants at the mill include  $\text{NO}_x$ , sulfur dioxide ( $\text{SO}_2$ ), and total PM ([TPM] upper size limit of  $100 \mu\text{m}$  diameter) (NP 2016a). A 2013 study concluded that  $\text{PM}_{2.5}$  concentrations were highest ( $0.88 \mu\text{g}/\text{m}^3$ ) downwind from the mill from using an AERMOD atmospheric dispersion model (Gibson et al. 2013), though this investigation used Halifax wind speed and direction meteorological data (130 km to the south). Hoffman et al. (2015) reported an analysis of 2013 data showing that when Pictou is downwind of the mill, average 1 h ambient  $\text{PM}_{2.5}$  concentrations result in a twofold increase ( $12.96 \mu\text{g}/\text{m}^3$ ), compared to all other wind directions ( $5.73 \mu\text{g}/\text{m}^3$ ), suggesting the mill is likely the primary contributor of ambient  $\text{PM}_{2.5}$  in the community. Additionally, TRS, TPM,  $\text{PM}_{2.5}$ , and coarse particulate matter  $\leq 10 \mu\text{m}$  ( $\text{PM}_{10}$ ) emission exceedances at the mill during 2012 were two to three

orders of magnitude higher than five similar Canadian kraft P&P mills; however, VOC emissions were comparable (Hoffman et al. 2015).

A comparable ambient air toxics monitoring study of a P&P community was conducted in the metropolitan Lewiston, Idaho area and the Nez Perce Reservation (STI 2009). Findings revealed that concentrations of formaldehyde and acetaldehyde were much higher than expected relative to Lewiston's size. Chloroform, tetrachloroethylene, and trichloroethylene were highest at monitoring sites nearest the mill, which presumably contributed at least 50% to pollutant concentrations (STI 2009). However, due to insufficient information on local concentrations of anthropogenic and biogenic VOCs, it was inconclusive whether the mill was a causal factor.

Recent (2009–2013) measurements of ambient CEPA-toxic or equivalent agents monitored at NAPS sites revealed that 11 air toxics, including benzene, chloroform, trichloroethylene, and tetrachloroethylene exceeded ambient air quality guidelines set by respective Canadian jurisdictions (Galarneau et al. 2016). An additional 16 air toxics approached guidelines. Although these guidelines are not necessarily enforceable, CEPA outlines provisions for toxic compounds and are thus subject to risk management actions. Air toxics' contribution to poor health on a regional and national scale has not been thoroughly investigated; therefore, calls into question the effectiveness of current toxic substance management in Canada.

Nova Scotia is known as the “tail pipe of North America,” due to being within the trajectory of long-range transport of emissions from transboundary sources along the Eastern Seaboard, plus central and eastern Canada (NSE 2014). Background levels of air pollution that originate from resuspension and natural sources has been found to be major contributors to concentrations of carbon tetrachloride and benzene (Morello-Frosch et al. 2000). Background levels, in combination to carbon tetrachloride's capacity to persist in the atmosphere for a least a year, may explain why observed concentrations are consistently above its associated cancer risk threshold at the Granton NAPS site, regardless of wind direction.

Atmosphere circulation plays a complex role in dispersion, transformation, and removal of pollutants. The dispersion of pollutants from source emitters (e.g., smokestacks) is affected by crosswind mixing in both horizontal and vertical directions. Meteorological variables, including wind speed, wind direction, temperature, humidity, precipitation (process of removal), and atmospheric pressure are the main drivers of variation in pollutant concentrations and dispersion (Bates and Caton 2002). Furthermore, gravitational settling is

important for pollutants with larger molecular weights (Oliver 2008); heavier particles settle or deposit closer to emission sources (Walker et al. 2003a, 2003b). Gravitational settling may also explain the high concentrations of carbon tetrachloride.

Topography and coastal conditions can affect wind characteristics (e.g., direction, speed) and the behavior of pollutant transport. A sea breeze that is trapped under descending warmer air from land can exaggerate conditions at coastal zones, a phenomenon known as coastal inversion (Bates and Caton 2002). In addition, turbulent winds along the coast may influence wind characteristics at the Caribou Point meteorological station, and the fate and transport of pollutants. Such coastal conditions, in combination with transboundary air pollution, may be occurrences that coastal areas experience in Nova Scotia, including PC.

### Seasonal variability

Seasonal variability exists for both meteorological conditions and VOC concentrations. Variations in meteorological conditions, the nature and intensity of emissions from nearby sources, and photochemical activity are factors that could have led to the observed seasonal variability of outdoor VOC levels (Al-Khulaifi et al. 2014). Of the three VOCs considered particular concern in this study, 1,3-butadiene and benzene exhibited the highest concentrations during winter. Photochemical reactions involved with ground-level O<sub>3</sub> formation are catalyzed by ultraviolet radiation and temperature. Therefore, peak ground-level O<sub>3</sub> levels typically occur during warm days with sufficient sunlight exposure; thus, people are more vulnerable to exposure during summer. The opposite is true during winter, when available light is diminished, and temperatures are colder (ATSDR 2014b).

Demographic behavior and technological improvements that aim to mitigate emissions (e.g., smokestack precipitator installation in 2015) also need to be considered when evaluating pollutant concentrations. For instance, households in the Atlantic provinces are heated primarily with oil, electricity, and wood or wood pellets (Statistics Canada 2011); therefore, as residential heating increases during winter, biogenic VOCs (e.g., benzene [ATSDR 2007a], 1,3-butadiene [ATSDR 2014b]) from wood burning may have contributed to higher concentrations of these compounds observed in this study. As the mill operates on a 24/7 schedule (ECCC 2012), atmospheric VOC emissions were assumed consistent throughout the year.

### Implications

Location of ambient air quality monitoring stations has a direct impact on the observed concentrations of pollutants

(Craig et al. 2008). Based on the time series and spatial analyses, wind direction appears to play a key role in the Granton NAPS site's ability to monitor ambient VOCs from the mill. PW  $\geq 1$  h from the selected range ( $360^\circ$ – $80^\circ$ ) typically resulted in equal or higher VOC concentrations for all compounds, except carbon tetrachloride, compared to AOWD (Figs. 4, 5, and 6; Supplementary material), suggesting that the mill is likely a causal factor. Furthermore, as there is a higher frequency of northerly winds blowing towards the south during winter (Fig. 2), the Granton NAPS site is more likely to capture ambient pollutants from the mill's atmospheric emissions. Southwest PW blowing towards Pictou dominate during the summer months when people are more vulnerable to ambient air pollution exposure. Due to Pictou's geography, air toxics from the Eastern Seaboard in combination with local emission sources, including the mill, converge there; hence, higher concentrations of VOCs are expected in Pictou during summer. Subsequently, southwest PW are expected to result in lower VOC concentrations at the Granton NAPS site, as capturing the mill's atmospheric emissions would not be optimized. Therefore, VOC concentrations at the Granton NAPS site during winter would likely be representative of ambient VOC concentrations in Pictou during summer. Moreover, Pictou's considerably larger population base compared to the rural area of Granton further confirms that the NAPS site is not strategically positioned to accurately represent ambient levels of air toxics where there is higher residential exposure.

### Study limitations

This study only evaluated exposure to ambient VOC air pollutants. Human exposure to air pollution is a combination of both outdoor and indoor environments and varies according to daily activity patterns and the conditions of specific settings. Secondary data analysis was used in this study; therefore, the ecological nature of these findings limit the explicit attribution of ambient air toxic exposures to the risk potential for cancer for community residents. Personal exposure monitoring, more detailed spatial analysis of ambient conditions, and source apportionment studies would be required to establish more explicitly the health risk associated with these exposures. The analysis was limited by the inability to examine the interaction of local meteorological conditions. Meteorological data were retrieved from Caribou Point, located approximately 10 km from the mill; consequently, coastal conditions may cause differences in meteorological measurements between sites.

### Future research and monitoring

A *field component* consisting of real-time measurements of ambient air toxics would improve the rigor and validity of the present study. Although labor intensive, air toxics samples

can be analyzed with a high degree of accuracy (Craig et al. 2008). Because monitoring stations are typically fixed, government-approved *atmospheric dispersion modeling* that considers landscape dynamics and seasonal meteorological variability (e.g., CALPUFF, AERMOD) would more accurately estimate spatial patterns of air toxics dispersion, and human exposure at the population or individual level (EPA 2013). This would require numerous stations within the community so would likely only be feasible for a specific research investigation. Further, installation of a new precipitator in 2015 has likely changed in ambient conditions. A follow-up assessment would provide a comparison to these findings to determine if VOC levels have improved. Additional research includes applying a *Conditional Probability Function* to calculate the probability that an air pollution source is located within a particular wind direction sector to help determine direction of a source from a NAPS discrete receptor site, and conducting an analysis of the effect of mixing height on measured VOC concentrations to further investigate seasonal patterns.

Investigation of health outcomes might involve longitudinal epidemiological research of human exposures to air toxics emissions in the ambient Pictou environment with appropriate consideration for latency of health outcomes, while controlling for indoor and occupational sources and other contextual factors. Several recent Canadian nationwide cohort studies that may provide a foundation for such investigations have been described (e.g., Crouse et al. 2012).

A *comprehensive risk assessment* investigates uncertainties that have implications for risk estimates in the present study, including those surrounding toxicity information (Morello-Frosch et al. 2000). More research is required to determine what cancer and noncancer risks are from ambient air toxics exposure. Further, it is important to consider synergistic effects of a full suite of ambient pollutants, and physical and chemical processes involved in fate and transport of these compounds. Comprehensive emission inventories are necessary to thoroughly address (i.e., characterize, model, and manage) air quality issues (CEC 2009). Collectively, these research efforts aim to better inform air quality management, composed of federal (e.g., ECCC, Health Canada) and provincial (e.g., NSE, Nova Scotia Department of Health and Wellness) government and public health agencies, how best to proceed to ensure the health of residents in industrial communities is prioritized. Implications of the current findings warrant further investigation.

Given the contribution emissions from local sources have to regional, national, and global airsheds, local mitigation initiatives should be an integral part of air quality strategies. There is no common approach to assess health effects of a mixture of pollutants, as they tend to be site specific; hence, an assortment of effective measures may be required. Case studies that provide evidence of effective of air quality



management interventions and guidance documents for risk managers may help inform air quality management for stakeholders (Craig et al. 2008).

To address potential adverse health effects associated with degraded air quality, Health Canada, the Public Health Agency of Canada (PHAC) and provincial partners might work collaboratively with local stakeholders to mitigate health risks and improve efficient industrial technology, while balancing economic, political, and social factors in development and implementation of air quality management. Mitigating industrial emissions has beneficial outcomes for wellbeing (Clougherty 2010); environmental stewardship and governance fosters a more proactive and cleaner environment, while building trusting relationships between industrial stakeholders (Pascal et al. 2013). “A comprehensive enforcement program with mandatory reporting of emissions, [...] and meaningful penalties for noncompliance ensures that emission standards are being met” (Craig et al. 2008), and facility operators are held accountable. Data collected internally by the mill is not readily available. To improve transparency, siting rationale for air quality monitoring stations and accompanying data should be provided as part of a commitment to corporate responsibility of the mill (Hoffman et al. 2015).

To improve air quality conditions, stakeholders could increase the capacity for surveillance, assessment, and response to air quality. Furthermore, evaluation of a wide-suite of air toxics, including NATA compounds not measured by the NAPS network (particularly prioritized air toxics) would contribute to ensuring that air quality in Canada is adequately studied. Therefore, ECCC and NSE should consider implementation of a long-term monitoring program for priority air toxics that is comparable to the NATA network monitored by EPA to characterize air toxics exposure on local, regional, and national scales. Data will be useful to help mitigate emissions and achieve acceptable air quality standards that do not exceed cancer or noncancer risk thresholds.

ECCC should also consider the feasibility of installing and maintaining additional strategically placed NAPS sites to improve air pollution evaluation in both rural and urban areas, as well as in microenvironments (e.g., near point source emitters, high-traffic areas) (Craig et al. 2008). More effective communication of the results is required to increase transparency among stakeholders, including the public (Hoffman et al. 2015). Based on the population’s risk of exposure, it is strongly recommended that ambient air toxics monitoring to be incorporated at the established NAPS station in Pictou to optimize capturing of said air toxics, and to best correlate pertinent results. Additionally, atmospheric dispersion modeling should use local meteorological data; therefore, meteorological data should also

be collected concurrently at NAPS sites to help identify source emitters.

Measurement of individual VOC compounds is necessary to provide insight into their contribution to  $PM_{2.5}$  and ground-level  $O_3$  formation. Data would be useful to help target large source emitters and aid regulatory enforcement. Establishment of stringent and/or adapted air quality standards that encompass more air toxics (e.g., VOCs) fosters strong public support and political engagement to address air quality issues. Moreover, health impacts associated with background air pollution should be estimated. Air quality management programs are human resource intensive; therefore, they must have clear and feasible short- and long-term objectives. These initiatives gain predictive insights on atmospheric chemistry, and engage and support relevant sectors in the development and implementation of policies to reduce health risks associated with air pollution exposure (Craig et al. 2008).

## Conclusions

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. Results highlight associations with wind direction and the Granton NAPS site’s ambient VOC concentrations in relation to location of the pulp mill. Compared to AOWD, PW from the selected range ( $360^\circ$ – $80^\circ$ ) typically resulted in higher VOC concentrations for all compounds, except carbon tetrachloride, suggesting that the mill is likely a contributor to increased concentrations. In addition, there are clear seasonal variations of meteorological conditions and VOC concentrations. Southwest PW blowing towards Pictou dominate during summer months, when people spend more time outdoors, and consequently are exposed to higher concentrations. Due to Pictou’s geography, air toxics from transboundary and local sources may converge in summer, resulting in higher VOC concentrations. Findings suggest the Granton NAPS site is not positioned to accurately represent ambient levels of toxicity in PC. Therefore, ECCC and NSE should consider incorporating ambient air toxics (e.g., VOCs) monitoring at the established Pictou NAPS site where there is higher residential exposure.

Future research will provide air quality management with a comprehensive characterization of air toxics to support informed public health decisions. Moreover, this pilot study may serve as a precursor to gaining awareness, so that government agencies adopt more stringent air quality regulations and monitoring programs to ensure health of citizens is safeguarded and prioritized.

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**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 2:24:59 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: the pipeline is an impossibility,,im the local diver,,i know,,,,the ice will rip it out in the first winter.....did you also know there is a fish plant in the area that depends on clean salt water to process.....there is also no wat the town of pictou will allow this through their watershed Name: Email: @yahoo.ca Address: Municipality: : ###  
### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 53 y: 19

**From:** [@eastlink.ca](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 3:01:30 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am strongly opposed to any plan that allows the dumping of any industrial, commercial, or civic sludge/effluent into any body of water. Name: Email: @eastlink.ca Address:

Privacy-Statement: agree x: 67 y: 25

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** Thursday, February 07, 2019 3:03:30 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This company has made a genuine effort to fix things .they are a major emoter and player in the forest industry of Nova Scotia .They should be Lliwed to complete their project .

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 3:47:14 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Improvement to the status quo seems like progress! We need those valuable jobs and continued market for the forestry sector Name: Email: @hotmail.com Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 86 y: 32

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 3:47:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I object to this facility going ahead. The environmental impact on our fisheries and the potential for future effluent spills as has happened in the past is incongruous with the safety of the local population. Furthermore, Northern Pulp refuses to accept that a closed pipe system would be practical citing that the effluent would be too harmful to their machinery. This is not true, but it does mean that they would have to change the nature of their end product. Even so the new end product would still be marketable in an open market. The issue is that the company doesn't engage fully in an open market and is possibly participating in Base Erosion Profit Shifting Transfer Pricing. If so, you will be aware yhat this is an international crime within the signatories of the OECD countries. Name: Email: @eastlink.ca  
Address:

Privacy-Statement: agree x: 75 y: 13



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 3:51:56 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I do NOT give any support to this project. Name: Email: @gmail.com Address:

Privacy-

Statement: agree x: 27 y: 33

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 3:56:32 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Yes keep jobs and put  
new treatment plant in Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 69 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 4:01:26 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is completely criminally insane! Pumping poison into our oceans is a crime. NS government and Northern Pulp should be arrested and jailed for even suggesting such a thing. Name:  
Email: @gmail.com Address: Municipality: Postal-Code: Phone: ###  
### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 50 y: 21

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 4:14:43 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support this project. It will be an improvement to existing facilities and assist to reduce the environmental impact of Northern Pulp. I support an extension to the use of Boat Harbour until project completion to allow adequate time to have a new system up and running. Allowing a mill closure would have lasting negative effects on a pillar industry in Nova Scotia especially Pictou County. I feel the regulations will be met and exceeded surrounding effluent discharge as it has been since 1967. Name: Email:  
@hotmail.ca Address:

Privacy-Statement: agree x: 37 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 4:20:08 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Absolutely no pipe. It cannot and will no cross over the Pictou watershed land. This is not going to happen and will not get the approval needed to go ahead. There should never be an extension granted to the Boat Harbour ACT. Keep the chip plant open, go buy the Sheet Harbour chip plant, get the dock with it and ship the raw chips by ship to the motherland. The company will get the fibre they want, and we as taxpayers already know we will have to pay for list revenue. The sawmills will still have a market for their chips, the truckers will still truck, the woods guys will still cut. There will probably be 100 or so go to early retirement and pension bridging, about 60 red seal tradesmen that can work anywhere they want. Might be 100 jobs lost of unskilled labour that will need to find a new job. There will be some spin off work lost, but there will be no more effluent to worry about or where to put it. NO PIPE Name:

Email: @hotmail.com Address:

Privacy-Statement: agree x: 43 y: 12

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 4:57:03 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel that allowing northern pulp to go ahead with the replacement of the effluent treatment facility is the right decision as the closure of said facility would relate in the closure of my families second generation forestry company employing 10 people directly. Name: Email:  
@gmail.com Address:

Privacy-Statement: agree

x: 50 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:00:33 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp is doing the best they can to clean up Environment I see it as a benefit to having the new waste water treatment facility in place and should be granted a one year extension on boat harbour this will greatly clean up the environment from what's being done now we need the forestry industry for the whole province not just Picou County Name: Email:  
@hotmail.com Address:

Privacy-Statement: agree

x: 44 y: 35

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Effluent Proposal  
**Date:** February 7, 2019 5:06:12 PM

---

Dear sirs,

Although the fate of the Northern Pulp Effluent Proposal will be decided by the Government of Nova Scotia, residents of New Brunswick will be impacted by the decision since our province also borders the Northumberland Strait. Although provincial governments have a legitimate interest in creating and keeping jobs for the residents of their province, it is counter productive to spend government funds to support industries that damage the health of the local environment, population and other local industry. Environmental regulations should be designed to protect us from industrial pollution, not make it more profitable for companies to carry out their operations and companies should have to spend their own money to meet those regulations. If they can't meet them and still make a profit, then their business plan is flawed and they should shut down. Governments are always talking about the impact of deficit spending on our children and future generations but the impact of the environmental deficit, destroying and polluting the environment faster than it can rehabilitate itself, will be far more burdensome - no air fit to breath, water fit to drink or land fit to produce food fit to eat.

Bloomfield, Carleton County, New Brunswick



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:09:15 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This county needs to show patience. It needs to recognize the importance of Northern Pulp to our province. We have to think of the thousands of lives that would be turned upside down by the loss of direct and related industry jobs should the plant close. Name: Email:  
@hotmail.com Address:

Privacy-Statement:

agree x: 83 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:09:58 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: keep pictou county  
working Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 37 y: 15

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** NoPipe - No!  
**Date:** February 7, 2019 5:19:18 PM

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There isn't much I can say that you don't already know/have heard and seem intent on ignoring anyway.

My reasons to stop what is being proposed:

1. NO
2. NO
3. NO
4. NO
5. NO

If those supporting this destruction of the environment (yes, destruction) are so keen to allow it - then let them have the effluent disposed of by filling up the basements of their own homes or their wells or the homes and wells of their family and friends. Do Not Dump into into the home of life that lives in the ocean and waterways and into the backyards of people who did not create this ecological mess!!

The company that created the mess gets to clean it up - in a ethical and environmentally sound way! Costs too much? Too bad - it's the 'cost of doing business'. Destruction of the environment isn't a method they get to employ to 'clean up their mess'.

Despicable that yellow-bellied people are even Considering such an act!! You have to wonder about their 'payoff' ...

In case you need a reminder - NO! Pipe!

Sent from my iPhone

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:27:44 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Extend the deadline and give them a chance. We can't afford to lose anymore jobs in Pictou County. Name:  
Email: @bellaliant.net Address:

Privacy-Statement: agree x: 79 y: 16

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:27:53 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe all you wanted  
to do his dump there soure pipe in the strait enough his enough no more of this look at boat  
harbor the mess Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 34 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:32:48 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not approve this project. It will ruin fishing, both commercial and sport. This is 2019, our environment must be of utmost importance! Northern Pulp has had 5 yrs. to address their problem at Boat Harbor. They have not and only threaten closure. Call their bluff!! Name: Email: @hotmail.com Address:

Privacy-Statement:

agree x: 50 y: 20

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:38:07 PM

---

Project: - Choose - Comments: northern pulp putting a discharge pipe into the  
Northumberland strait doesnt sound like a good choice for the environment. cant northern pulp  
recycle the effluent? Name: Email: @yahoo.com Address:

Privacy-Statement: agree

x: 52 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:40:39 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: effluent treatment facility project looks like they have met all studies and will meet or exceed their required regulations the project should be a go. Name: Email: @gmail.com  
Address:

Privacy-Statement: agree x: 75 y: 26



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:41:24 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Build this. It works all across Canada, no reason we cannot have it in Nova Scotia. Name: Email:  
@gmail.com Address:

Privacy-Statement: agree

x: 69 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 5:50:21 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is not a safe alternate to Boat Harbour. This proposal will lead to an even larger environmental disaster than the one occurring presently in Boat Harbour. This will destroy our beautiful East Coast waters as well as mammal and marine life. In addition to damaging our environment, it will also kill both the fishery and the tourist trade further destroying small towns and lives. there is also a serious and likely risk of this pollution poisoning the ground water and food supplies as well as the health of local people. Do not let this happen! Name:

Email: @hotmail.com Address:

Privacy-

Statement: agree x: 91 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:04:06 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: #yespipe Name:  
Email: @gmail.com Address:

Privacy-Statement: agree x: 26 y: 22

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:04:41 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am not in support of building an effluent pipe into the Northumberland Strait or any other body of water. Name:  
Email: @yahoo.com Address:

Privacy-Statement: agree x: 66 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:07:01 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This is what you call a no brainer minister of environment , sit down for 5 minutes and just think about this proposal , itâ?Ts an environmental disaster. A billion dollar fishery will e destroyed over some tree huggers ? They want to put the pipe through out Pictou eater table and into the caribou harbour where thousands of kbs of lobsters are floating in holding tanks during May and June not mentioning beaches , northumberland ferries Ltd which thousands of tourist cross every summer and fall , this is an absolute joke , no pipe all the way Name: Email: @gmail.com Address:

Privacy-

Statement: agree x: 70 y: 34

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:12:00 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: We need this mill to continue operations. Nova Scotia will be in a bad situation without this mill. Yes pipe. Thanks

Name:                      Email: Address

Privacy-

Statement: agree x: 77 y: 22

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:12:50 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I oppose the planned idea of dumping the effluent into the Northumberland Strait. I believe this will harm our environment to a very high degree. Please stop this from happening. Name:

Email: @yahoo.ca Address:

Privacy-

Statement: agree x: 59 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:19:30 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel the replacement is needed / as long as it is using the best technology available. We need to keep industry going and create jobs I feel the replacement is helping the environment and protecting jobs Name:  
Email: @gmail.com Address:

Privacy-Statement: agree x: 69 y: 30



**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:21:39 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: this is fantastic news  
Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### -  
##### email\_message: Privacy-Statement: agree x: 69 y: 33

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:27:00 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: That mill is an eyesore, it stinks, polluted and is owned by a multinational corporation while they get rich. If you repurposed the employees into a tear down/clean up and concentrated on clean energy as a replacement maybe our children would have a chance. Name: Email:  
Address: Municipality: Phone: ### ### - ##### Fax: ###  
### - ##### email\_message: Privacy-Statement: agree x: 69 y: 35

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp pipe  
**Date:** February 7, 2019 6:40:39 PM

---

Hi, I grew up in Pictou County, moved away and moved back home in 2014. The changes that the mill has wrought upon the area is astounding. Walk along the jitney trail, read the yellow signs about everything being poisoned and don't eat the shellfish. The beautiful West River, polluted beyond belief. Boat Harbour completely destroyed.

We have a cottage on the Northumberland Strait and our waters are beautifully clear and gorgeous. PLEASE PLEASE don't allow them to dump their poison in our strait. They don't care, they don't live here.

Get [Outlook for Android](#)

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:54:20 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Stop hurting our ecosystems and environment to continue with the pipe is silly. Please thibk of your children or young relatives. Name: Email: @gmail.com Address: Phone: ### ### - ####  
Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 76 y: 35

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:55:39 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I see this project as an opportunity for the provincial government to ensure a prosperous future for pictou county. A project of this magnitude will allow continued operation of the pulp mill for years to come while ending a legacy of boat harbour. Since the lease was terminated early i feel it reasonable to allow an extention to guarantee continued operation until completion. Since PLFN have already received settlement it seems unusal to allow them to dictate the usage of Boat harbour. In any event i feel a year extention is small request. This mill owner is committed to investing in this operation and i feel a number of improvements will follow after completion of their ast system. Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 82 y: 23

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 6:57:56 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: In 2019 we cannot allow corporations to pollute our environment and risk the health of our families and natural environment. The mill in Pictou County has had a terrible track record of polluting, and the government of Nova Scotia has not managed the situation properly from the very beginning. It is now time to get this right and protect our land and waterways. No Pipe is safe, and no extension of boat Harbour is acceptable. Name: Email:

@ns.sympatico.ca Address:

: Privacy-Statement: agree

x: 60 y: 16

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:15:51 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This eft should be allowed to go through the environment assessment. It should not be held up for any reason. If the assessment comes back no then the mill should be granted an extension to the boat harbour site Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 56 y: 30

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:25:30 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: What to fucks wrong with society, to even consider this in the Northumberland Strait, the sea is the most abused resource we have, the thousands of minute life forms that co-exists in salt water are part of the extraordinary food chain that today is Name: Email: Address:  
Municipality: Postal-Code: Phone:  
Privacy-Statement: agree x: 50 y: 19



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:35:46 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: The Northumberland Strait and Cape Breton Shore of the Gulf of St. Lawrence provide stable income to many thousands of people through fishing and tourism. There has been an intentional lack of information to people outside of the Pictou region. I have tried several times to get information from my MLA PC Allan MacMaster and have been met with hostile comments and personal attacks. If there is nothing to be worried about our politicians should have no problem giving us straight answers. Name:

Privacy-Statement: agree x: 38 y: 23

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:37:35 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please let the science and Dept of Environment without political influence pro or con come up with the best solution based on science for this Mill to operate or close ,ever remembering that the Environmental Laws are in place in Canada so that all companies ,industries are held to the same standards. If the Environmental Laws require change than that should be a decisions for another day.

Name:                      Email:                      @hotmail.ca Address:

Privacy-Statement: agree x: 66 y: 19

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:39:54 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia cant afford to have this mill shutdown, it will be devastating to the community and the province. There will be too many jobs lost both directly and indirectly. Name: Email:

: Privacy-Statement:

agree x: 63 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:43:28 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Do not approve this the seas are already dying. The government needs to force the paper mill clean-up by the deadline  
Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 59 y: 19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:43:31 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I live in Pictou County at present and pumping any kind of effluent from this new treatment facility into the fishing grounds and tourist areas is violating federal fishery laws and should not be allowed no matter what the mill says about the quality of said effluent...There are no studies done about the long term affects of this effluent on our fish species or shellfish species that are a mainstay to our local fishery. The mill should keep all this effluent in house on site or close down the mill.... Also in no way should the Boat Harbour Facility closure date be extended past Jan 2020....  
Name:                      Email:                      @hotmail.com Address:

Privacy-Statement: agree x: 51 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:53:49 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am greatly concerned about the impact Northern Pulp is having. When will profit be less important than the environment?! When everything is dead? Shut the mill down until this facility is created! The government should subsidize the labourers at the plant while shutdown is taking place. This implementation will protect our fisheries and avoid risking the everlasting effects of water pollution. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 75 y: 22

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:57:01 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have major concerns involving this proposed treatment plant. I think a more through review is required and that this system will harm the Northumberland Strait. I am against this proposed project and its potential impacts on wildlife and lavre and oyster absorption of the chemical being discharged.  
Name: Email: @hotmail.ca Address:

Privacy-Statement: agree x: 38 y: 19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:58:38 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: These treatment facilities are used all around the world! I believe Michelin uses the same system! The deadline was unfair given to the fact that NP was already trying to work something out with govt that would have shut it down, so working on the boat harbour situation was a mout point until itâ?Ts IA was approved! Give them an extension!! Name:           Email:           @hotmail.com Address: Municipality:           Postal-Code:           Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 81 y: 20



**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 7:59:33 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please approve this project. Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 88 y: 18

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 8:03:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hello my name is and I am from Maine. I travel 12 hours to Nova Scotia to fish for Atlantic Salmon every year. I would like to state that the Northern Pulp plan to dump affluent into the Northumberland straight is reckless and poor stewardship of the natural resources of Nova Scotia and Atlantic Canada. I would like to stress that if international buyers of Northumberland straight seafood and shellfish hear that Pulp mill affluent is being pumped into the waters these fish come from that they will most likely refuse and boycott future purchases from these waters. I am also extremely concerned about the trout and salmon that would be exposed to these contaminants! I am extremely concerned that one of the last places in North America to fish for Atlantic Salmon would be put on Jopardy by allowing this plan to go through!! I want to state that each year fishermen from the U.S. and Europe flock to Nova Scotia to fish for Atlantic Salmon, Trout and other species along the Northumberland straight. We are depending on the wisdom of leadership in Nova Scotia to do the right thing and protect the Northumberland Straight This means we are depending on leadership to REJECT the plans of Northern Pulp to dump affluent into the Northumberland Straight. Thank you Name:

Email: @yahoo.com Address:

: Privacy-

Statement: agree x: 64 y: 23

**From:** @sdmm.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 8:11:56 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the modernization of Northern Pulpâ?Ts effluent treatment and an extension of the timeline required to make that happen. The Mill is too important to the Provincial economy to force it to shut down in the meantime and possibly not re-open. Name:

agree x: 78 y: 27

Privacy-Statement:

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 8:19:02 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This needs to be a federal assessment. No questions. The blatant conflict of our provincial government is on the verge of being taken to court. Pictou Landing First Nations will not stand for anything else but the closure of Boat Harbour. Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 46 y: 13

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 8:50:58 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 11,600 jobs at stake. An economic landslide we can't recover from. Build the treatment facility! Surely the government will accept the science and the numbers Name: Email:  
@outlook.com Address:

Privacy-Statement: agree

x: 47 y: 31

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 8:54:39 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This mill has polluted our waters, air and stripped our lands of trees and replaced with softwood for over 50 years and not too mention the millions of tax payers money that has been used and continue to be used . Now they want to continue to put water fields in danger along with putting an ecosystem in danger not only with effluent but with millions of liters of warm fresh water pumping into it. The people of Nova Scotia are taking a stand and saying NO Pipe into our strait. Name:           Email:           @eastlink.ca Address:

Privacy-Statement: agree x: 68 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:03:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am adamantly opposed to this project. This 60 year old mill is grossly outdated, has never met even the lax standards of the past and the owners, Asia Pulp, have the worst environmental record in the world. There is no chance this is going to change. Allowing them to pour their pollution directly onto one of Nova Scotias richest shellfishing areas would be pure insanity. Even the suggestion that this might be done would be enough to kill our overseas markets. Can you imagine what the EU would do with lobster shipped to Europe from a province with so little environmental awareness? Our competitors in the US would have a field day with this. Name:

Email: @gmail.com Address:

: Privacy-

Statement: agree x: 48 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:06:10 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hey no pipe there itâ?Ts done right class 1 itâ?Ts should be federal accesment because there a lot ice out there and wind . Also all they care itâ?Ts about them self northern pulp send them back to Asia. Stop dumping your shit in ocean itâ?Ts not subtic tank you look at boat harbor so margarite Miller say no Approve election his coming Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 25 y: 35



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:07:52 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe the effluent treatment facility will be a much needed upgrade to the way the waste is handled now. And it

Privacy-Statement: agree x:

71 y: 19

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp  
**Date:** February 7, 2019 9:15:05 PM

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I work as a fisherman. I live in pictou n.s. no way should environment nova Scotia alou this pipe to pollute were I work play and live .enough is enough please stop this maddness before it gets any crazier.  
Get [Outlook for Android](#)

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:23:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project cannot go forward. Our air quality, our health, our fishery, enjoyment of our beaches, devaluing of coastal properties, promises to our indigenous peoples who have endured this terrible situation for over 50 years, our tourism, etc. Please stop the insanity. Time for an outdated mill to go.  
Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 58 y: 37

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:39:44 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need this mill for our economy, the spinoffs from this plant is astronomical. I believe northern pulp will come up with a solution to both take care of the environment and continue to provide many jobs for the province. Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 44 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:41:24 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The mill has had more time than needed to improve and has not done so. They have had leaks and have poisoned our county long enough. No pipe !!! Ever !! Our fisheries and tourism are more important to our economy and do not kill us with pollution and stink ! Name: Email:  
@gmail.com Address:

Privacy-Statement:

agree x: 58 y: 17

**From:** @seasidehighspeed.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 9:50:35 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It seems as though this project should meet or exceed all environmental requirements. The effluent has been running into the strait untreated for 50 years without contaminating any seafood. Now with modern, world class technology, the effluent will be treated before leaving the site and will meet all environmental standards. There are many other much more troubling environmental factors affecting the Northumberland Strait, such as untreated sewage, farm runoff from PEI, and many others. This company has been given an unfair timeline and has been the subject of political grandstanding. The company has put a large investment into improving the environmental impacts of this mill. Rural Nova Scotia needs this mill for its economic viability. Name:                      Email:                      @seasidehighspeed.com Address:

Privacy-Statement: agree x: 61 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 10:22:05 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp is taking responsibility by correcting the current issue and upgrading their facility. Public should invest the time to actually hear them out and realize this will have 0 impact on the environment and have major impact not just the 11,500 jobs, it is the 50,000 plus family members that depend on that job. The government has the power to extend, let NP roll out their plan. Name:

Email: @gmail.com Address:

Privacy-

Statement: agree x: 33 y: 10

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 10:33:13 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Born and raised in Pictou I have 3 main concerns : 1 No where in this EA does it state Northern Pulp,s proposed pipe will run directly through the Town of Pictou's watershed. Where are the facts of what happens if there was a leak in this area ? The Town of Pictou was NOT consulted on this information. 2 The effluent will be discharged directly into prime fishing grounds. This will greatly effect the marine life. Just the difference in the water temperature, not to mention the amount of chemicals, discharging from the pipe,destroying the eco system of several species of fish, birds etc.The time line of the release of the effluent into the lagoons of the heavily polluted Boat Harbour, gave it extra time to cool the water and settle some of the heavy toxins. This will no longer be the case as it will be piped within an 8-9 hour period directly into the Northumberland Strait, removing the 30 day period it had to cool and settle. It will destroy the Northumberland Strait as we know it. 3 Continuing to use Boat Harbour extension requested by Northern Pulp People have lived with the posion in this area long enough. Boat Harbour needs to be closed on the date legislated for it to close. It should have been closed and clean up started years ago. Name: Email: @hotmail.com Address:



**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 10:44:08 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel it is imparitive that this new treatment system be installed and that the mill be given extra time to complete this project. The mills effluent has been flowing into Pictou Harbour for the past 50 years and the fishing industry has flurished. With the new system the effluent will be much better quality and if a break was to occur it has already been treated before it ever leaves the mill site ! We need both fishing and forestry to survive in Nova Scotia,so lets all work together to make this happen! Name: Email: @live.ca Address:

Privacy-Statement: agree x: 59 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 10:47:47 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We must preserve the Northumberland Strait Eco-system and the traditional way of life for those who rely on the Strait to provide for their families through fishing. We must protect the thousands of migratory sea birds, paleagic fish and sea mammals who move through this area and need it kept pristine in order to survive. The planet is warming, we have huge pollution problems, we all must make significant changes to the way we live in order to slow down these changes. Not to do so is to undermine the life support systems of the Earth. Hard decisions need to be made for the future. I compell the minister to not allow any effluent what so ever to be piped into the Strait, treated or not. No Pipe. However, it is incredibly important to me that if the mill were to close that we approach the mill/forestry workers and their families with the same compassion we must show the planet and provide them fully with monetary compensation and support. I feel for everyone involved in this, but it does not make any sense to allow effluent to be discharged into a body of water that defines this part of Nova Scotia. Name: Email:

@gmail.com Address:

: Privacy-Statement: agree x:

44 y: 27

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 10:51:00 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: \*\*\*\*\*  
Environmental Assessment Feedback Needed \*\*\*\*\* The time is now for you to provide feedback on the Northern Pulp Effluent Proposal. You can do so here:  
<https://novascotia.ca/nse/ea/comments.asp> See below for a few concerns around this waste proposal. THE TOP 5 REASONS TO SUPPORT #NOPIPE 1. For your HEALTH The composition of the toxic effluent will contain dioxins, furans, metals, 1000KG of solids and other contaminates at 90,000,000 Litres PER DAY. Dioxins and Furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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 mills 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. <http://ec.gc.ca/inrp-npri/donnees-data/index.cfm?fbclid=IwAR3gT3KRRmPu8j22heOksunum4i6VAp0cD-tb6hqJTVOTTyrGeRh7YAtZc8>  
<https://www.nrcm.org/projects/waters/cleaning-up-the-androscoggin-river/maines-dioxin-problem/?fbclid=IwAR3a7QpiR253DqowGxu5DQK13vDIcJru0rFyG1lcYCrO4GsFjHKMp6aghz4> 2. For the overall ECONOMY The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 Billion dollars to the Nova Scotia economy. The tourism industry is worth \$2.7 Billion and prides itself on warm, clean water and world class sandy beaches. The Commercial Fishing Industry is worth over \$1 Billion and prides itself on sustainable wild shellfish that is shipped all across the world. The Sport Fishing industry is worth \$56 Million and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks in the province. All of this is at risk due to 32,000,000,000 Liters of waste water PER YEAR that will be 37 Celsius that will contain deleterious substances harmful to Fish species and humans.  
[https://docs.wixstatic.com/ugd/b61814\\_246fdf7e04a64e239be0fbf7dc64f976.pdf?fbclid=IwAR3JjsPZQ-\\_npJ0a5-B4Xv4-nJeqnSfkZk9an--3s0W92fB5oZrbUWFLTnU](https://docs.wixstatic.com/ugd/b61814_246fdf7e04a64e239be0fbf7dc64f976.pdf?fbclid=IwAR3JjsPZQ-_npJ0a5-B4Xv4-nJeqnSfkZk9an--3s0W92fB5oZrbUWFLTnU)  
<https://novascotia.ca/news/release/?id=20180222001>  
[https://docs.wixstatic.com/ugd/b61814\\_f856b6a7c7b34ffb9eba165dc3ed894b.pdf?fbclid=IwAR3es-LiMLiVx1Lc-eJZI1TLQkqYBXBRw0OBS3upgGj9ibusKsO1wl\\_Uqfc](https://docs.wixstatic.com/ugd/b61814_f856b6a7c7b34ffb9eba165dc3ed894b.pdf?fbclid=IwAR3es-LiMLiVx1Lc-eJZI1TLQkqYBXBRw0OBS3upgGj9ibusKsO1wl_Uqfc) 3. For the ENVIRONMENT Meeting Regulations DOES NOT Prevent Harm Nova Scotia and the Northumberland Strait has many great resources. However, they are at risk with the proposed Effluent treatment process. As it stands right now, there are no CCME guidelines established for Marine Environments for some of the different chemicals and compounds that make up the pulp mill effluent. Pulp and Paper Effluent Regulations PPER in Canada cover two matters total suspended solids TSS and biochemical oxygen demand BOD. Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90 and 97 respectively from 1970-2008, 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. This information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection, the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100 concentration kills more than 50 of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes. Only two mills in Canada test for and report impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations PPER, which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act. 70 of pulp paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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. For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does.

[https://drive.google.com/file/d/1H1HltUnh9Oem\\_KpPHwxmye7z5mfJP5\\_W/view?](https://drive.google.com/file/d/1H1HltUnh9Oem_KpPHwxmye7z5mfJP5_W/view?fbclid=IwAR1WyzupTqjLC9u8tjxWpq94e5anlEQDs_-JTH0z8vPWAoaKkyIoGBuumdM4)

fbclid=IwAR1WyzupTqjLC9u8tjxWpq94e5anlEQDs\_-JTH0z8vPWAoaKkyIoGBuumdM4. New treatment Facility is NOT BETTER Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system, untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with micro-organisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. POINT C is also a DEAD ZONE!! After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days.

Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids TSS and biochemical oxygen below the proposed water quality standard of 1. The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hour that contains almost 1000kg of solids will have the same impact as the effluent which presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour. Further to this, the same proposal was rejected in 1994 for the same concerns!! <https://theyee.ca/Analysis/2019/02/07/Pollution-Nova-Scotia-Pulp-Mill-Sink-Trudeau/>

fbclid=IwAR2\_XplvKgfjWHCh2fTuzimxmeMsnWVTVVhE6agYFPiXSwr3VvkEXHB4GEA  
[https://docs.wixstatic.com/ugd/b61814\\_ab61cca668f1432f890d2d0a7715a554.pdf?](https://docs.wixstatic.com/ugd/b61814_ab61cca668f1432f890d2d0a7715a554.pdf?fbclid=IwAR27oqDYJfCCBWdlMyNExvUrYZ_rBS86Gw77cT35IIIltVdyzh05AYwwcB1c5)

fbclid=IwAR27oqDYJfCCBWdlMyNExvUrYZ\_rBS86Gw77cT35IIIltVdyzh05AYwwcB1c5. Better return for your TAX DOLLARS Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 Million dollars and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 Million dollars. Further to that \$127 Million dollars of NS Tax payers dollars have been given to the mill in the last several years. Meanwhile we have doctors over worked and leaving our province. We have ER closures and very long wait times for treatment and care. Our Education system is also at its max with constant cuts. Funding for Seniors and Veterans as well as many more public programs and services would benefit from the large sums of NS tax dollars instead of it going towards Northern Pulp.

<https://www.halifaxexaminer.ca/featured/northern-pulp-scotsburn-lumber-and-u-s-tariffs/#News> [#NOPIPE](https://www.halifaxexaminer.ca/province-house/health-care-crisis-check-leadership-to-solve-it-another-question/?fbclid=IwAR1oPeQe3iFB-Oe0llwCNT9uax2Gos8ZQNhV3YYvTOO67j5aRX8p310_tQ8)  
[https://novascotia.ca/nse/ea/Replacement\\_Effluent\\_Treatment\\_Facility\\_Project/](https://novascotia.ca/nse/ea/Replacement_Effluent_Treatment_Facility_Project/) Name:

Email:

@bellaliant.net Address:

Privacy-Statement: agree x: 83 y: 28

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 11:00:39 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: our families depend on the forestry industry to survive and has for many years and if you close this place down there will be a lot of people and families out of work and a lot of people and industries rely on the paper products from this mill to just manage in daily activities Name: Email:  
@hotmail.com Address:

Privacy-Statement:

agree x: 45 y: 17

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** No pipe, no extension  
**Date:** February 7, 2019 11:15:25 PM

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Add my name to those opposed.

**From:** @shaw.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 11:32:19 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I totally disagree with this. A federal assessment needs to be carried out. The proposed pipe goes through the watershed of the town of Pictou. Consequently any spill will destroy the towns drinking water. Effluent into the northumberland strait will destroy the fisheries and tourism. NO pipe. Name:  
Email: @shaw.ca Address:

Privacy-Statement: agree x: 61 y: 35



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 7, 2019 11:38:30 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe the project should go ahead the pulp mill is a very valuable industry in Pictou County and for Nova Scotia. Northern Pulp has been trying to do the right thing with the new effluent system.

Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 50 y: 16

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** pollution  
**Date:** February 7, 2019 7:25:53 PM

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I will not consider your area as a place to LIVE

**From:** Watcher  
**To:** [Environment Assessment Web Account](#)  
**Subject:** I Guess YOU Care NOT FOR YOUR CHILDREN  
**Date:** February 7, 2019 1:16:52 PM

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**Live Life with Your Heart  
Care, Kindness, Understanding**

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 12:11:18 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not let this mill ruin our favourite beaches and fishing grounds. Who is going to want to fish and swim in a plume of effluent? Not me or anyone else. The fact this mill is turning up to 90 million litres of fresh water per day into waste is a tragedy in itself. Not to mention destroying our forests.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 1:31:02 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am very concerned that our province is in a bad position to perform this assessment.the indemnity clause makes an argument of bias favouring the mill.Not to mention that if you follow Northern Pulps public Relations efforts,you are living in fear of the financial ruin of the forestry industry.i donâ?Tt feel one area should be singled out to suffer for Northern Pulp to control pulse of the industry

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 3:18:51 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This should not even be a consideration for the government. Shame on you!! The damage that will be done to the ocean's ecology would be devastating.

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 6:30:49 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If ever there is a crime against humanity, this project must not see the light of day ,WTF is wrong with these people , where has respect gone? It will destroy the marine ecosystem for the lower Northumberland Strait.Asia is gonna fuck this country ,give it ten /twenty years

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 6:43:18 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I cannot believe that in this day and age you would even consider going ahead with a project of this scale. I am a local boater who has seen first hand the crap that comes out of the boat harbour facility and would not in any way want to pollute any more than has already been done. Toxic waste, heaven forbid your oil barrel leaks it originally came from the earth.



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 7:35:23 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please no pipe people are done with this out dated mill and we want our clean air and water back. The only people who support the mill are the people with invested interstates in it. Pc has spoken and the mill is out of luck

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 7:35:51 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is not a project that fits into 2019 and the direction all of us need to go to ensure a healthy environment and to fight climate change. Nova Scotians and the Pictou Landing First Nation have supported this mill long enough. The economic benefits for some people is not more important than the harm this mill has done over 52 years of resistance. Pumping hot effluent deep into the Northumberland Strait is going to create another Boat Harbour situation, and we all know it. This pipe is a horrible idea, as it was when proposed a couple times in the past. The proposed effluent treatment facility is not going to make the effluent any less toxic. The taxpayers of NS are still on the hook to assess, build and run this project. There is a huge conflict of interest here. Sane minds need to prevail in this process and see it for what it is: a multinational corporation that wants its maximum profit and the least expense to it, with no consideration of the damage it does, and not responsible for its environmental liabilities. This proposal must be rejected.

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 7:46:07 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This looks like a very well researched, thorough plan, approve it without delay, and extend their deadlines as the scope of this work was impossible in the existing timeframe. If this is the standard required for a project approval then expect no new industry ever in Nova Scotia and no improvements either.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 7:46:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fail to understand why Northern Pulp isnt building an artificial wetland to further clean and naturally release their effluent rather than a pipeline to dump it. That is a 1960s strategy we do not want in our province. The creation of artificial wetland to treat this type of problem is the global standard. They need to get with the environmental times.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 8:00:49 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: i think boat harbour be cleaned up.and closed.next year.and i think it shouldnt be approve i live in across .they have that mill.pumping there poison.and its really bad at night time.and the other you could not see pictou caseway. it was really.bad.and the smell is ungodly.and i donnt think there should not be no pipe .going into out pretty strait where we fish at it will kill everything out there.. i love my nova scotia lobsters/the best in nova scotia.and i VOTE NO.NO PIPE .norther pulp just want to destroy our land and our waters.we not to going let them do it no more.enought is enought.we are takeing a stand.we our takeing back what is ours.canadas ocean playground .

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 8:25:57 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The regulations governing the safety of releasing effluent into the Strait are exceptionally weak and misleading to the public. The government should protect the health of our waters, lands and people. Do not poison the Northumberland Strait. No pipe.

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 8:27:21 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Looks like another major improvement to the environmental footprint of northern pulp

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 8:36:17 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please please do not allow thid project. Do you want to be responsible for destroying our fisheries? How can this mske any sense in the 22st Century to DUMP anything into our water?



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 8:47:52 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and the tremendous work they have done and continue to do to reduce the environmental footprint they inherited. They have taken the high road through all this anti-mill publicity. The work they are doing shows they are deserving of an extension to get this amazing project completed for the betterment of all concerned .

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:07:37 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please I am begging you not to allow this pipeline to go through. The Pulp Mill has caused so much damage to our province we cannot allow it to continue. Seriously, what are we thinking??

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:23:23 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As an employee of a local sawmill, , I fully support the plans for the new effluent system.

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:31:25 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My husband works at a sawmill and his job will be put in jeopardy.

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:35:35 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In a recent scientific publication Pulp Mill Wastewater: Characteristics and Treatment By MarÃa Noel Cabrera Submitted: April 1st 2016 Reviewed: January 19th 2017 Published: March 29th 2017 the author writes The concept of a closed loop mill aims to eliminate discharges to the aquatic environment.... and ...not much information on its effluents is available.... The mill is going to pump toxic waste directly into an aquatic environment. These waters are an important resource not only for Nova Scotia but also for Prince Edward Island and New Brunswick. It beggars belief that the pumping of effluent nearby to water sources on land and into the ocean is even being considered. If you allow this to happen you are not only going to harm fishing industries and ocean life you are threatening the health of Nova Scotians who live and work in the area. The mill have been given huge sums of money in the past and have had 5 years to fix the problem presumably relying on government to bail them out. Amongst many otherd, the family own Sinar Mas, Asia Pulp and Paper, P aper Excellnce and Northern Pulp. They are one of the richest families in the world. It is their waste and they need to deal with it, without threatening our pristine environment. Are you aware that Northumberland Strait water has been used as an indicator of quality for oyster cultivation within the European Union? If you allow this to happen you will be making a lot of people very unhappy. Dangerously and politically unhappy.

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:53:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My understanding is that even the current effluent is mainly organic. Why this is not good for sea life puzzles me. Isn't this food? Improving this seems like it would be worse to sea life than better. And how exactly is this worse than allowing raw sewage from thousands of homes to enter the Strait?

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:05:41 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The opposition to this seems to be based on a perception that Northern Pulp has historically been a poor corporate citizen. We have to look forward and ask ourselves what it will take to change that. One thing I do know is that the answer is not shutting down the plant, throwing all of those people out of work and creating chaos in the NS Pulp industry. Those who would do that should be asked what they will do to support those unemployed workers and their families. All I see from opponents to this project is their limits on what is permissible. What is their alternative to shutting down the plant, destroying jobs and disrupting a fundamental NS Industry? The pipeline into the strait will not measurably add to the Straits problems. Build it and solve the Boat Harbour problem.

**From:** @xplornet.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:19:45 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a very bad idea, still pipe out to the Strait when the fishing industry has warned you what it will do. Pipe through water shed????? One leak and the water is contaminated. Are they going to pay for a new water shed area, are they going to pay for the clean up or are we the taxpayers going to pay. Why would you risk the loss of your fishing industry when it is by far bigger than this industry. Closed loop system , air protection system. You are not even using common sense here, common sense has to come into play sometime.



**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:20:46 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: \*\*\*\*\*  
Environmental Assessment Feedback Needed \*\*\*\*\* The time is now for you to provide feedback on the Northern Pulp Effluent Proposal. You can do so here:  
<https://novascotia.ca/nse/ea/comments.asp> See below for a few concerns around this waste proposal. THE TOP 5 REASONS TO SUPPORT #NOPIPE 1. For your HEALTH The composition of the toxic effluent will contain dioxins, furans, metals, 1000KG of solids and other contaminates at 90,000,000 Litres PER DAY. Dioxins and Furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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 mills 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. <http://ec.gc.ca/inrp-npri/donnees-data/index.cfm?fbclid=IwAR3gT3KRRmPu8j22heOksunum4i6VAp0cD-tb6hqJTVOTTyrGeRh7YAtZc8>  
<https://www.nrcm.org/projects/waters/cleaning-up-the-androscoggin-river/maines-dioxin-problem/?fbclid=IwAR3a7QpiR253DqowGxu5DQK13vDIcJru0rFyGl1cYCrO4GsFjHKMp6aghz4>  
[https://docs.wixstatic.com/ugd/b61814\\_40a0f43682ee45d99af01fb432d910fd.pdf?fbclid=IwAR3a7QpiR253DqowGxu5DQK13vDIcJru0rFyGl1cYCrO4GsFjHKMp6aghz4](https://docs.wixstatic.com/ugd/b61814_40a0f43682ee45d99af01fb432d910fd.pdf?fbclid=IwAR3a7QpiR253DqowGxu5DQK13vDIcJru0rFyGl1cYCrO4GsFjHKMp6aghz4)  
2. For the overall ECONOMY The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 Billion dollars to the Nova Scotia economy. The tourism industry is worth \$2.7 Billion and prides itself on warm, clean water and world class sandy beaches. The Commercial Fishing Industry is worth over \$1 Billion and prides itself on sustainable wild shellfish that is shipped all across the world. The Sport Fishing industry is worth \$56 Million and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks in the province. All of this is at risk due to 32,000,000,000 Liters of waste water PER YEAR that will be 37 Celsius that will contain deleterious substances harmful to Fish species and humans.  
[https://docs.wixstatic.com/ugd/b61814\\_246fdf7e04a64e239be0fbf7dc64f976.pdf?fbclid=IwAR3JjsPZQ-\\_npJ0a5-B4Xv4-nJeqnSfkZk9an--3s0W92fB5oZrbUWFLTnU](https://docs.wixstatic.com/ugd/b61814_246fdf7e04a64e239be0fbf7dc64f976.pdf?fbclid=IwAR3JjsPZQ-_npJ0a5-B4Xv4-nJeqnSfkZk9an--3s0W92fB5oZrbUWFLTnU)  
<https://novascotia.ca/news/release/?id=20180222001>  
[https://docs.wixstatic.com/ugd/b61814\\_f856b6a7c7b34ffb9eba165dc3ed894b.pdf?fbclid=IwAR3es-LiMLiVx1Lc-eJZI1TLQkqYBXBRw0OBS3upgGj9ibusKsO1wl\\_Uqfc](https://docs.wixstatic.com/ugd/b61814_f856b6a7c7b34ffb9eba165dc3ed894b.pdf?fbclid=IwAR3es-LiMLiVx1Lc-eJZI1TLQkqYBXBRw0OBS3upgGj9ibusKsO1wl_Uqfc)  
3. For the ENVIRONMENT Meeting Regulations DOES NOT Prevent Harm Nova Scotia and the Northumberland Strait has many great resources. However, they are at risk with the proposed Effluent treatment process. As it stands right now, there are no CCME guidelines established for Marine Environments for some of the different chemicals and compounds that make up the pulp mill effluent. Pulp and Paper Effluent Regulations PPER in Canada cover two matters total suspended solids TSS and biochemical oxygen demand BOD. Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90 and 97 respectively from 1970-2008, 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. This information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection, the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100 concentration kills more than 50 of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes. Only two mills in Canada test for and report impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations PPER, which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act. 70 of pulp paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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. For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does.

[https://drive.google.com/file/d/1H1HltUnh9Oem\\_KpPHwxmye7z5mfJP5\\_W/view?](https://drive.google.com/file/d/1H1HltUnh9Oem_KpPHwxmye7z5mfJP5_W/view?fbclid=IwAR1WyzupTqjLC9u8tjxWpq94e5anlEQDs_-JTH0z8vPWAoaKkyIoGBuumdM4)

fbclid=IwAR1WyzupTqjLC9u8tjxWpq94e5anlEQDs\_-JTH0z8vPWAoaKkyIoGBuumdM4. New treatment Facility is NOT BETTER Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system, untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with micro-organisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. POINT C is also a DEAD ZONE!! After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days.

Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids TSS and biochemical oxygen below the proposed water quality standard of 1. The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hours that contains almost 1000kg of solids will have the same impact as the effluent which presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour. Further to this, the same proposal was rejected in 1994 for the same concerns!! <https://theyee.ca/Analysis/2019/02/07/Pollution-Nova-Scotia-Pulp-Mill-Sink-Trudeau/>

[fbclid=IwAR2\\_XplvKgfjWHCh2fTuzimxmeMsnWVTVVhE6agYFPiXSwr3VvkEXHB4GEA  
https://docs.wixstatic.com/ugd/b61814\\_ab61cca668f1432f890d2d0a7715a554.pdf?](https://docs.wixstatic.com/ugd/b61814_ab61cca668f1432f890d2d0a7715a554.pdf?fbclid=IwAR2_XplvKgfjWHCh2fTuzimxmeMsnWVTVVhE6agYFPiXSwr3VvkEXHB4GEA)

[fbclid=IwAR27oqDYJfCCBwdIMyNExvUrYZ\\_rBS86Gw77cT35IILtVdyzh05AYwwcB1c5](https://www.halifaxexaminer.ca/featured/northern-pulp-scotsburn-lumber-and-u-s-tariffs/#News)  
Better return for your TAX DOLLARS Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 Million dollars and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 Million dollars. Further to that \$127 Million dollars of NS Tax payers dollars have been given to the mill in the last several years. Meanwhile we have doctors over worked and leaving our province. We have ER closures and very long wait times for treatment and care. Our Education system is also at its max with constant cuts. Funding for Seniors and Veterans as well as many more public programs and services would benefit from the large sums of NS tax dollars instead of it going towards Northern Pulp.

<https://www.halifaxexaminer.ca/featured/northern-pulp-scotsburn-lumber-and-u-s-tariffs/#News> [https://www.halifaxexaminer.ca/province-house/health-care-crisis-check-leadership-to-solve-it-another-question/?fbclid=IwAR1oPeQe3iFB-Oe0llwCNT9uax2Gos8ZQNhV3YYvTOO67j5aRX8p310\\_tQ8](https://www.halifaxexaminer.ca/province-house/health-care-crisis-check-leadership-to-solve-it-another-question/?fbclid=IwAR1oPeQe3iFB-Oe0llwCNT9uax2Gos8ZQNhV3YYvTOO67j5aRX8p310_tQ8) #NOPIPE  
[https://novascotia.ca/nse/ea/Replacement\\_Effluent\\_Treatment\\_Facility\\_Project/](https://novascotia.ca/nse/ea/Replacement_Effluent_Treatment_Facility_Project/)

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:35:11 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Since our government broke the lease to Boat Harbour , we should give Northern Pulp the required time it needs to complete their new system . Also I believe the new treatment system should be built and the pipe should go to Boat Harbour , that would help prevent all the uproar in a small part of the province . Give the mill the time they need !

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:40:32 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia can not afford to have the mill closed down. It effects too many lives. I am a fourth generation family member of forestry practices in NS. My father employed many people in the forestry industry from trucking, working in the woods, running skidders and processors, building roads, Silverculture work etc. He has worked with Northern Pulp What does my future look like if this mill is forced to close?

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:52:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not support this for the following reasons: Environmental- Effluent is a toxic substance. I welcome any politician to drink some. The natives lost their land and fish were killed off. We have seen this in new Brunswick, marmachi and Irving recently. It is not worth the risk. Economic- our province was so desperate to pay the costs of cleanup. It is not worth it and now municipalities have rights with the most recent SCC decision, we are wasting money because of bad negotiations. Although the idea of diluting the substance into a straight appears nice. It fails to recognize the downstream effects fishing industry, tourism in shediac, seafood of the native people. Climate change- this plant produces ghgs and toxic pollution. The people of pictou are not healthy. We understand sea level rise is coming which will bring coastal erosion. This mill would be affected because most of it is 5 meters above sea level and the whole area is a flood plane. Tax revenue- this is a private company. They will file for bankruptcy protection and creditors will steal the workers pensions. In addition decrease tax revenue. Ecology- we have clear cut a huge chunk of nova Scotia, this mill encourages such actions which is degrading our natural wealth. It is harming species at risk which is illegal. Those trees took thousands of years to grow and they are not receiving a true value. Once our natural wealth is gone, we have nothing. Economy continued- closing that mill will open a free market where small businesses can mill their own wood again. It is more sustainable that way. International commitments- this does not mix with the paris agreement or the IPCC. We need to restore our forests not degrade them. Innovation and future- I would support destroying the mill and building another one in another location, but only for hemp based products. There is a business case for help plastics. If the tax payer is on the line, we should be forward thinking. Interprovincial relations- both nb and pei have expressed dissatisfaction towards these plans. Respect that we share close proximity to other jurisdictions. Public outcry- lots of protests have taken place and more to follow. This degrades confidence on democracy. That is all I can think of right now!

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:05:01 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am not a scientist but I can only assume this to be an upgrade over the existing waste water treatment plant. It is extremely important to me and my employees/contractors that Northern Pulp be able to continue operations uninterrupted. It should have minimal impact on lobster and other fish. Furthermore I am a salmon fisherman that fishes the rivers of the Northumberland Strait. I cannot see how this would impact salmon as salmon are known to migrate in the top 4-5 meters of the ocean. The benefit to our economy far outweighs the environment footprint . I support the proposed effluent pipe 100.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:07:56 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No



**From:** @sobey.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:11:45 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:13:23 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No Pipe Respect  
Northumberland Strait life

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:15:20 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project cannot go forward with effluent being piped out into the Northumberland Strait. What part of any of this makes sense? What happens 30 years from now?

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:21:41 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: On behalf of our marine environment, our fishing industry, and our northern Nova Scotia ocean playground, I wish to go on record as strongly stating absolutely "NO" to the proposed plan to discharge treated effluent into the beautiful waters of the Northumberland Strait, as it is totally unacceptable and morally wrong. No pulp waste in the Strait! I am hopeful and trusting that our government will put our environment, our well being and our health first!

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:49:00 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nothing has changed. This wasn't allowed in 1994 and it shouldn't be today. How can NSE give NP permission to run an effluent pipe through a community watershed and into the ocean. It's 2019, we need to be better. End the suffering for the people in Pictou County and beyond with air and water pollution. Do the right thing for the people and environment and deny NPs EA application. Attachment The Chronicle Herald Published: 3/26/1994 Day: Saturday Headlines: TOBIN VOWS TO PROTECT FISH HABITAT FROM EFFLUENT Reporter: BY BRIAN UNDERHILL OTTAWA BUREAU AND THE CANADIAN PRESS Ottawa â?" The Nova Scotia government won't be allowed to pipe Boat Harbour effluent into the Northumberland Strait if it poses a threat to fish habitat, federal Fisheries Minister Brian Tobin said Friday. And the minister said a decision on the controversial proposal won't be made until there's a full environmental assessment and fishermen are consulted. British Columbia Reform MP John Cummins raised the issue during the daily question period, saying groups in the area are justifiably apprehensive over proposals for a new facility to treat effluent from the Scott Maritime Ltd. pulp mill in Abercrombie Point. Plans are under way for a \$170-million upgrade of the provincially operated Boat Harbour system, which treats about 87 million litres of waste from the nearby mill daily. The province wants to pipe effluent about two kilometres into the Northumberland Strait. The province hopes to award construction contracts by July and complete construction by September 1995. The issue has generated heated debate in Pictou County. Fishermen fear the proposal could damage spawning grounds and fish stocks, and they've threatened to blockade the project. Mr. Cummins sought assurances the Liberals will not allow damage to the fish habitat. He said shellfish harvests in some areas off the West Coast had been curtailed because of poisoning from pulp mill effluents. Tobin said he had an obligation under the Fisheries Act to protect fish habitat. The easy decisions like not allowing pollutants that would be contrary to the Fisheries Act into critical spawning areas would be easy for us to take. This government will not compromise conservation habitat for any reason. Mr. Tobin said a full assessment of the proposal has not been completed and no decision will be made until that process is wrapped up.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:54:56 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Its got to be for the good of the mill.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 12:12:39 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Diluting salt water with millions of litres of fresh water in a sensitive fishing area is very concerning. Do not extend the time to fix this problem, that would be rewarding the company for poor planning. The tourism benefits of not extending the deadline and cleaning up the environment would be substantial.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** February 8, 2019 12:16:41 PM

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Good Day Minister,

After all the mixed hype and media attention this past year, I have to say that I was truly very impressed reading up on Northern Pulp's Replacement Effluent Treatment Facility Project for the environmental assessment, in accordance with Part IV of the Environment Act., submitted on February 7, 2019.

I personally feel that you should permit an extension to Northern Pulp in order that they will be able to complete this amazing project.

Thanking you,

<[@hrsb.ca](mailto:)>



**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 12:27:09 PM

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Project: - Choose - Comments: I think this is a great plan . It's exactly what this province needs . #yespice

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 12:51:57 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the environmentally responsible decision to replace the existing effluent treatment facility with a new one to treat the waste water.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 1:13:19 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: A few reasons for a Federal Environmental Assessment, based on the negative impact the proposed discharge location and associated effluent will have on the Northumberland Strait: 1. The obvious conflict of interest of having the Province as both the supplier of the new treatment facility and regulator of the same. 2. Northern Pulp's receiving water study is based on dated modeling of the Northumberland Strait. This modeling, to have any chance at accuracy, needs to be made current. 3. The receiving water area is part of a Marine Protected Area a scallop buffer zone. 4. This is within a Federal fishing zone. 5. The Aboriginal rights of Pictou Landing First Nations need to be considered. The new discharge location still has a direct affect on them and their livelihood, as it pertains to fishing. 6. The Northumberland Strait borders on Prince Edward Island, New Brunswick and Nova Scotia. There are fishers from all three provinces, including First Nations, that this proposed effluent, will impact. 7. There are "Species at Risk" that potentially will be negatively affected. 8. The proposed discharge location is directly adjacent to Caribou-Munroe's Island Park a bird and wildlife sanctuary. 9. Northern Pulp is undoubtedly going to take the Province of Nova Scotia to court, when Boat Harbour closes as per the "Boat Harbour Act". Consequently, there is pressure on the Province to expedite the environmental process, due to the Indemnity Agreement and lease arrangements between our Provincial government and Northern Pulp. 10. The proposed path of the pipe in Caribou Harbour will destroy fish habitat, eelgrass beds, etc. Northern Pulps EA suggests to avoid ice damage to the effluent pipe, a trench 9 meters wide by 3 meters deep for 4.1 kilometers in length to the discharge point would be installed. This construction would directly breach section 35.1 of the Federal Fisheries Act as it will kill fish and destroy fish habitat. 11. The 62 to 90 million liters of hot, according to Northern Pulp, summer temperature of effluent at the discharge point will be 38 degrees Celcius, treated effluent daily, containing approximately 1000 kg of solids which technically are toxic waste, will negatively impact and kill lobster and herring larvae directly breaching section 36 of the Federal Fisheries Act. Please ensure a Federal Environmental Assessment is applied, to adequately address these concerns.

**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 1:14:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a good project that will have a very positive impact on Nova Scotias economy by preserving existing jobs and injecting millions of dollars in the local economy during construction. It will have no significant impact on the environment. We need to get this done and we need to amend the Boat Harbour Act to allow sufficient time for the project to be completed without forcing a temporary closure of the Northern Pulp mill.

**From:** @xplornet.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 1:27:21 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Thousands of people, consisting of fishers, fish buyers, deckhands, boat builders, restaurant owners, tourism operators --- living along the south shore --- are watching this unfold and have expressed grave concerns on social media about the negative impacts and reputation the pipe will have on the ENTIRE lobster/fishing industry and fish related exports. Think about it for a moment...you are living in Paris, France ----- London, England ----- Hong Kong ----- New York City ----- and you sit down at a high-end restaurant - Fresh Nova Scotia Lobster catches your eye...caught off the shores of Nova Scotia! You order, your mouth starts watering...and then - the person across the table from you leans in and says, Did you read that article? Those lobsters from Nova Scotia are caught where a pulp and paper company dumps their toxic effluent from their processing plant. Yes. Apparently the Nova Scotia Environment approved an effluent pipe that contains dioxins, furans, and metals from a company called Northern Pulp. All this goes into the ocean just off their coast. I wouldnt eat a lobster from there...it could be contaminated. All it takes is ONE NEWS ARTICLE - ONE POST and this damning information will be sent around the world that will CONTAMINATE the lobster fishing industry here in Nova Scotia...the #1 export. No pipe. No more cancer causing particulate. No extension. We want clean water - clean air - clean soil - and a cleaned up government system. We want ecological forestry and species at risk protect. We want jobs that are created from restoring the environment - not destroying it. We want a government with integrity.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 2:45:22 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp has no interest in our ecosystems. They have had several opportunities to change the way the waste is processed. It is terrible they have already being poisoning the environment for so many years already. Now, because they did nothing in the time given - 5 years - they will not be able to meet the Jan 31, 2020 deadline. That was their choice. No extension should be allowed as they have proven they dont intend to comply. Now they are also telling the public about the job losses this will cause. They havent been concerned about those jobs while wasting time doing nothing to prepare. If people are out of work, it is on them, not the province. Not only have they condoned clear cutting which affects our wildlife, now they want to destroy our marine life the fishing industry. Please, I am asking for NO PIPE.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 3:06:38 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: will contain dioxins, furans, metals, solids and other contaminants at a rate of 90,000,000 Litres per day. Dioxins and furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 3:11:08 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There should be absolutely no pipe delivering treated effluent into any waterway. 50 years of toxic waste in our environment already.



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 3:48:21 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel the indemnity clause the province has with Northern pulp makes it impossible for the province to do environmental assessment! Conflict of interest. We are talking about pollution into the Ocean, at 70,000,000 litres/day! Why is this considered at all, in this day and age?

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern pulp  
**Date:** February 8, 2019 4:06:14 PM

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The composition of the toxic effluent will contain dioxins, furans, metals, solids and other contaminants at a rate of 90,000,000 Litres *per day*. Dioxins and furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water.

The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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.

Sent from my iPhone

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 4:34:31 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am happy to see the new treatment facility to replace Boat Harbour is an updated modern system designed to treat the waste from Northern Pulp. Nova Scotia s economy depends on these companies for employment and stability in our province.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 5:22:08 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp in building a new effluent treatment facility. I also support Northern Pulp being granted an extension of using Boat Harbour to treat their effluent until their new facility is operational.

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 5:42:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We want federal involvement!!!! The province of NS ignores the precautionary principle at all costs, proving they are incompetent or complicit, but they do not have jurisdiction in the Northumberland Strait to do so. 2.4 Precaution in science-based decision making The Federal Government has developed a document entitled A Framework for the Application of Precaution in Science-based Decision Making about Risk [Privy Council Office PCO, 2003]. This paper addresses the application of precaution in its various forms - precaution, the Precautionary Principle or the precautionary approach - all of which have three basic components: the need for a decision a risk of serious or irreversible harm and a lack of full scientific certainty. As stated in the document, the application of precaution primarily affects the development of options and the decision phases within science-based risk management, is clearly linked to scientific analysis, and cannot be applied without an appropriate assessment of scientific factors and consequent risks. A key role of developing ecological and human health risk assessments is to provide the necessary evaluation of science and potential risks to support the use of precaution in the ultimate decision making process, at which point factors such as social and ethical values and political and economic considerations will also be taken into account. The precautionary principle is entrenched in CEPA 1999. In the preamble, CEPA 1999 recognizes that the Government of Canada is committed to implementing the precautionary principle. Where there are threats of serious or irreversible damage, lack of full scientific certainty shall not be used as a reason for postponing cost-effective measures to prevent environmental degradation. In addition, section 76.1 of CEPA 1999 specifically directs the Ministers to apply a weight-of-evidence approach and the precautionary principle when conducting and interpreting the results of assessments of existing substances. As described in greater detail in PCO 2003, the general principles outlining the distinguishing features of precautionary decision making are that: The application of precaution is a legitimate and distinctive decision-making approach, notably within risk management. It is legitimate that decisions be guided by societys chosen level of protection against risk. In risk management, sound scientific information and its evaluation must be the basis for the decision to apply precaution and the measure selected in applying precaution the scientific information base and responsibility for producing it may shift as knowledge evolves. Mechanisms should exist for re-evaluating the basis for decision and for providing a transparent process for further consideration, recognizing that in some cases re-evaluation may not be practical or productive. A high degree of transparency, clear accountability and meaningful public involvement are appropriate.

**From:** @ .ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 6:13:50 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This environmental assessment is to examine the efficacy of a proposed effluent treatment and evacuation system proposed by Northern Pulp. A clear deadline for the use of Boat Harbour as a depuration site by Northern Pulp was legislated and a commitment has been made to the community of Pictou Landing First Nation that Boat Harbour will stop being used as a depuration site in January 2020. Five years have gone by since the deadline was established. Northern Pulp says that the only alternative to Boat Harbour is a straight pipe into the Northumberland Strait. They have had to change the proposed site for the pipe at least once and have not been able to complete the marine surveys needed to evaluate the newly proposed site. This proposed site for the pipe is near a prime area for the lobster fishery. The waters in the Strait reach Prince Edward Island and New Brunswick. The premiers of these provinces are opposed to this pipe being installed without a full federal environmental assessment. The design of the effluent treatment system and the pipe to the Northumberland Strait has been subsidized by provincial funding. I believe that it is a conflict of interest for the province of Nova Scotia to carry out an environmental assessment of a project that it has subsidized. A recent change in federal regulations concerning effluents from pulp mills has raised the bar for treatment plants. The new standards are considerably more rigorous than those enacted into law in 1992. Will the proposed effluent treatment and evacuation system meet those standards? Will the provincial environmental assessment take the new federal standards into account? Or will a "work-around" solution promising upgrades to meet the more recent standards be allowed? Northern Pulp's willingness to endanger the waters crucial for the lobster fishery of three provinces by releasing an effluent of unproven quality is frightening. We are told that the best science is being used, but do these "best practices" apply to a tidal salt marsh that serves as a nursery for juvenile lobster? Scientists from government and university laboratories have voiced their concerns about this treatment system. A massive public relations campaign by Northern Pulp and the industrial forestry industry is trying to mobilize public opinion to accept an extension of their use of Boat Harbour. The long-standing environmental racism embodied by the poisoning of Boat Harbour cannot be continued. Given the strong conflict of interest the province of Nova Scotia has in this matter, given Nova Scotia's heavy financial involvement in the mill and its subsidizing of the plans for the effluent treatment system, given that the fishery in three provinces could be affected by the release of effluent into the Northumberland Strait, given that the evaluation of the proposed release site is incomplete, I strongly believe 1 that this project should be returned to Northern Pulp so that the crucial aspects concerning the proposed release site be validated by marine surveys, and 2 that the proposed effluent treatment system undergo a federal environmental impact assessment and be evaluated relative to the most recent federal standards.

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 6:14:46 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe that Northern Pulp should be allowed to continue with the new effluent plant. Its a win ,win for everyone involved. It will be better for the environment and save many well needed jobs.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 7:05:53 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Absolutely NO PIPE in the Northumberland Strait. This mill and its operators have no respect for the environment and the people who live in northern NS and PEI. Countless articles to prove they are not environmental stewards. At the very least, this project demands federal assessment at the highest levels due to the potential risk of creating yet another environmental disaster like the one they created in Boat Harbor. There is NO science that you can find to support that there will be no harm done to fish, shellfish and all the other living organisms that live in the Strait. Technology is out there to keep all their pollution in house. They have no business running a pipe into the Northumberland Strait or any other body of water.



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 7:54:19 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: For the sake of a few jobs, Northern Pulp has been allowed to operate in an incomprehensibly irresponsible manner. The ecological damage to Boat Harbour is unfixable. A few jobs does not justify the complete devastation of 350 acres of First Nations Territory. I stand with Pictou Landing First Nation. I demand that an extension not be given to Northern Pulp. And I demand that Northern Pulp not be allowed to put an effluent pipe into the Northumberland Strait that would have them continue to operate in an environmentally catastrophic manner. It is on Northern Pulp to figure out how to do what they do without causing the kind of damage to our land and water that they have been allowed to get away with for decades. If they cant, they must go. If it not perfectly clear, I am against a replacement effluent treatment facility project that would put any amount of effluent into the Northumberland Strait. I am categorically opposed to any additional timeline extension beyond the January 31, 2019 deadline.

**From:** @GMAIL.COM  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:31:14 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There are more environmentally sound ways of dealing with the pulp mill effluent than the proposed project. Too much at stake here. I visit Nova Scotia for its Atlantic Salmon fishing. I hope to continue to do so for years to come, provided there will be fish available to catch...

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 9:50:43 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please don't mar the pristine waters of Caribou Island. We fish there and our children swim in those waters. It is such a beautiful habitat that is precious to me and my family.

**From:** @sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:12:37 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Do not allow effluent to flow into the Northumberland strait. Our tourism and water environment mean to much to the people of NS, PEI and NB.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:18:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am fully in support of the Replacement Effluent Treatment Facility project for Northern pulp

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 10:48:40 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I totally support this project. Pictou County and Nova Scotia need these jobs

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 8, 2019 11:37:04 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It's time to close the mill and move on

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Unreal  
**Date:** February 8, 2019 8:40:28 AM

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Can't believe even having this conversation. Close the poison hole.  
Sent from my iPhone



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Pollution  
**Date:** February 8, 2019 5:06:57 AM

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This is TORALKY unacceptable. No amount of profit justifies this treatment of the worlds waterways.

And it's an outrage that you and previous managers have allowed this to continue for so long!!

I'm disgusted with companies and people like you.

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Email:  
Phone:

**From:** @tncweb.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 9, 2019 8:48:05 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As the Nova Scotia government is directly invested in Northern Pulp being responsible for all environmental damages, having paid for the plan for this new treatment project, having invested hundreds of millions in the mill over the years, etc., it cant be also the regulator of that mill. The conflict of interest is obvious and contradicts the very core of an unbiased assessment. The minister should refer this file to the federal minister to ensure an independent environmental assessment.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 9, 2019 10:44:42 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I really hope the mill get the extension required to get this treatment plant done. My job as an outside contractor need this as well as alot of other Nova Scotian companies!

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 9, 2019 11:31:01 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: the new system will need a very rigorous and state of the art monitoring system to ensure that the leaks are dealt with immediately. Given that most leaks in the past took time to detect, my concern is that the leaks from the new pipe will allow 50 million litres or more of waste into the strait. This happening only once could decimate the fisheries industry. What is being done to ensure that leaks are detected and dealt with immediately? Also how will you mitigate temperature differences between the effluent and the surrounding temperature of the water in the strait?

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 9, 2019 11:51:40 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If the EA is not approved for Northern Pulp it will cause devastation to Pictou County. Northern Pulp is trying to do the right thing now and need this granted.

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 9, 2019 2:07:37 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel that northern pulp and paper excellents should be granted an extension to build and construct their proposed new treatment facility. Paper excellents has and continues to invest and update the mill and its practices and should not be held accountable for the previous mishaps and issues caused by previous owners. They are making the steps in the right direction for the environment and the industry.

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Making sens  
**Date:** February 9, 2019 2:58:53 PM

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As a human, i look for MY well being  
As a parent, i look for MY kids' (grand kids') future  
As a lobsterman (owner), i look for MY future in many years of fishing (the best « job » in the world)  
As a biologist, i look for MY planet  
As a resident of a fishing community, i look for MY Community

So if the government asks us to not flush our boat toilet close to shore, to bring our garbage to shore,  
to take care of the environment...  
and if they ask our Community to be careful with garbage, sewage, rain water, road salt, road snow...  
and if they ask our fish plants to restraint the quantity of blood water ...

plus the fishing industry is ask to keep the highest quality of product for the customers around the world

then just one little so called mistake from a mill like that could result in a BIG part of our canadian Economy to be lost for a LONG time.

We are triing to protect the wright whales, so how is it OK to dump waste from a mill in the our community.

For your info, i live on an island up north New Brunswick, i know how fragile any ecosystem is, our planet included. The old saying : « Out of sight-Out of mind », just does not work any more, because we know about tidal movements, how the waters in the gulf of St-Laurence flow, so anything that is drop in Nova Scotia WILL end up around my place.

So every person living in the big community of the atlantic provinces should be consulted.

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 9, 2019 7:20:48 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: NO! NO! NO! I have never known a Pictou without the Mill. That is a lot of years. My father says before the mill there were home grown saw mills. I want it that way again. Restore our original environment. I dont want boat harbor the way it is. It isnt fair to ANYONE. It all needs cleaned up and pack your bags and move on! The smoke is so green I cant see down the street. I cant breathe. I am on a puffer. Some people are on 4 puffers. People are dying of cancer. My dog and two cats died of cancer. NO MORE!!!!



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Effluent Proposal  
**Date:** February 9, 2019 7:32:51 PM

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I am 100% opposed to the proposal by Northern Pulp to discharge its waste directly into the Northumberland Strait. There is no way this volume of warm, fresh, toxin filled water into a water body like the strait will not effect the delicate ecosystem. This massive volume of waste water will not just disappear when pumped into the strait, this is not the open ocean but a narrow strip of water with complex tides and incomplete flushing between two provinces who rely heavily on the fisheries industry. Northern Pulp should have to prove that this plan will not harm the marine environment, it is hard to take their word for it when common sense and science suggest that even minor changes in temperature and salinity will have a major impact on delicate lobster larvae. The proposal to dig up that much of the bottom to bury the pipe will have the potential to destroy many fishing lands with the sediment alone. There is no way the toxins and solid waste won't build up on the ocean floor and destroy the fisheries and buildup on our beaches and destroy tourism and the health of many families along these cottage lined shores. Please, put the environment first and stop this insanity! There is already a higher rate of cancer in Pictou County, I can only assume this will be worse when we are all swimming in these toxins without the settling time and filtering that boat harbour currently provides. At a minimum please let an unbiased federal assessment happen since this provincial government has a conflict of interest being on the hook financially. Current environmental standards and minimum requirements are outdated and being reviewed federally and I would hate to see our government push ahead with this ludicrous proposal before there is time for new standards to be implemented which surely would not allow this level of pollution to happen.

Sincerely,  
Concerned mother,                      and citizen of                      County,

Sent from my iPhone

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Environmental Assessment must not be passed.  
**Date:** February 9, 2019 9:45:39 PM

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## TO WHOM IT MAY CONCERN

I agree with all the reasons \_\_\_\_\_ has carefully researched and written so I'm not going to reinvent the wheel. I present his five reasons not to allow this industry to put a pipe into the Northumberland Strait below.

I will say that the owner of this company (which is also responsible for clearcutting and using whole trees for an industry, biomass, that was brought in on the basis that only scrap wood would be used) is responsible for clearcutting the Borneo Rainforest--earth's lungs. This company must be regulated or, better still, removed from this province. Let the (wood) chips fall where they may regarding lost jobs, we need clean sustainable industry that doesn't contribute to destroying our precious resources in the Northumberland Strait and in the Acadian Forests, not to mention the carbon-sequestering capacity that is being removed by clearcutting and the deterioration of our air and waters.

\_\_\_\_\_ wrote recently five reasons not to pass the Provincial EA that would allow this effluent to be piped into the Northumberland Strait:

### "1. For your health

The composition of the toxic effluent will contain dioxins, furans, metals, solids and other contaminants at a rate of 90,000,000 Litres *per day*. [Dioxins and furans](#) can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water.

#### Dioxins and Furans - Canada.ca

Health Canada

2001 article (updated 2005) from Health Canada and the Public Health Agency of Canada. Dioxins and furans are co...

The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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.

It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and the surrounding area.

See also: [Maine's dioxin problem](#); [What you should know about Northern Pulp's proposed new treatment facility](#)

## 2. For the economy

The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 billion to the Nova Scotia economy. The tourism industry is worth \$2.7 billion and prides itself on warm, clean water and world-class sandy beaches. The commercial fisheries are worth over \$1 billion and relies on sustainable wild shellfish that is shipped all across the world. The sport fishing industry is worth \$56 million, and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks on mainland Nova Scotia.

See also: [Nova Scotia exports top 10](#); [Nova Scotia celebrates seafood export success at fisheries conference](#)

### Nova Scotia Celebrates Seafood Export Success at Fisheries Conference

News releases from the Government of Nova Scotia

## 3. For the environment – Meeting regulations does not prevent harm

Nova Scotia and the Northumberland Strait are put at risk by the proposed effluent treatment process. As it stands right now, there are no [CCME guidelines](#) established for marine environments in terms of some of the chemicals and compounds that make up the pulp mill effluent.

CCME

Pulp and Paper Effluent Regulations (PPER) in Canada cover two matters; total suspended solids (TSS) and biochemical oxygen demand (BOD.) Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90% and 97% respectively from 1970-2008, 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.

This information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. “Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection,” the department states.

If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100% concentration kills more than 50% of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes.

Only two mills in Canada test for and report the impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations (PPER), which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act.

70% of pulp & paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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).

For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does.

See also: [Preliminary Receiving Water Study for Northern Pulp Effluent Treatment Plant Replacement, Pictou Harbour, Nova Scotia](#)



Stantec\_Receiving Water Study\_Effluent Treatment Plant Replacement.pdf

#### **4. The new treatment facility is not better than the current one**

Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system, untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with microorganisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished.

At point C, samples are taken for testing to determine whether the treated effluent meets regulations. *Point C is also a dead zone!*

After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days.

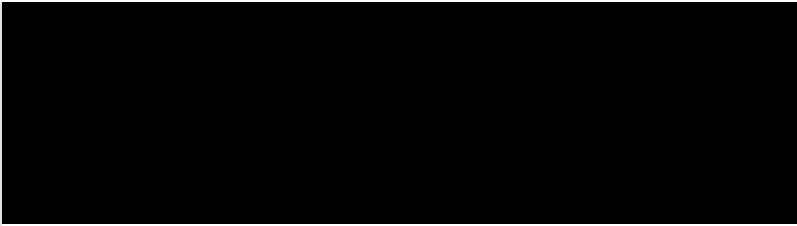
Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids (TSS) and biochemical oxygen below the proposed water quality standard of 1%."

The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hour that contains almost 1000 kg of solids will have the same impact as the effluent which presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour.

Further to this, the same proposal was rejected in 1994 for the same concerns!

See also: [How pollution from a Nova Scotia pulp mill could sink Trudeau on both coasts; Fifty years of pulp effluent](#)





## How Pollution from a Nova Scotia Pulp Mill Could Sink Trudeau on Both Co...

Michael Harris

PM's hands-off stance on threat to fisheries betrays environmentalist posture.

### **5. Better return for your tax dollars**

Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 million and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 million. Further to that \$127 million of Nova Scotia taxpayers money have been given to the mill in the last several years.

Meanwhile, we have overworked doctors leaving our province. We have ER closures and very long wait times for treatment and care. Our education system is also at its max with constant cuts. Funding for seniors and veterans as well as many other public programs and services would benefit from these large sums of tax dollars."

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** FW: Effluent pipe to Caribou Harbour  
**Date:** February 12, 2019 9:22:29 AM

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**From:** [@gmail.com](#)  
**Date:** February 9, 2019 at 10:39:37 AM AST  
**To:** <[min@dfo-mpo.gc.ca](mailto:min@dfo-mpo.gc.ca)>, <[Minister.Environment@novascotia.ca](mailto:Minister.Environment@novascotia.ca)>, <[Helen.MacPhail@novascotia.ca](mailto:Helen.MacPhail@novascotia.ca)>, <[Sean.Fraser@parl.gc.ca](mailto:Sean.Fraser@parl.gc.ca)>, Premier <[PREMIER@novascotia.ca](mailto:PREMIER@novascotia.ca)>, <[ec.ministre-minister.ec@canada.ca](mailto:ec.ministre-minister.ec@canada.ca)>, "Maclean, Lachlan (CEAA/ACEE)" <[lachlan.maclean@canada.ca](mailto:lachlan.maclean@canada.ca)>  
**Cc:** [@gmail.com](#), dng-news <[news@ngnews.ca](mailto:news@ngnews.ca)>, <[editor@pictouadvocate.com](mailto:editor@pictouadvocate.com)>, Chronicle Herald Letters <[letters@herald.ca](mailto:letters@herald.ca)>, <[pictouwestmla@bellaliant.com](mailto:pictouwestmla@bellaliant.com)>  
**Subject:** Effluent pipe to Caribou Harbour

Honorable Ministers,

I have a hard time understanding how there is any confusion regarding how an effluent pipe, with a volume of this magnitude, directly to the Northumberland Strait, won't cause any negative effects to the marine environment and the existing fishery. Basically, Northern Pulp wants to redirect the majority of the flow from the Middle River – between 62 and 90 million liters per day, heat it up to 37 degrees Celsius, add 1 ton of what is technically toxic waste solids, then direct that to the mouth of Caribou Harbour. This effluent will kill lobster larvae; it's inevitable and would directly breach section 36 of the Federal Fisheries Act. The mill then states, 'it's unlikely there will be any harm to lobster', in their environmental assessment. It is virtually impossible that there will not be adverse effects from this dramatic redirection of the Middle River, to the mouth of Caribou Harbour. For our Provincial government to have not immediately sent this to the Federal government for environmental assessment is outrageous. To suggest, 'this is not a new facility, just replacement of an existing one', as the reason for a provincial assessment, is not reasonable or realistic. To completely redirect the flow of a major river to the mouth of Caribou Harbour, miles from where it's been flowing, into the very heart of the most lucrative lobster and herring grounds in the Northumberland Strait, a provincially shared Federal Fishing zone, this goes beyond responsible, honest government, with regards to the environmental assessment applied. Our government is in an obvious conflict of interest. The Supreme Court of Canada agrees, according to the ruling of Justice Timothy Gabriel last fall, with regards to Pictou Landing First Nations and the Provincial Government

with respect to the government funding of a replacement facility and the relationship with Northern Pulp. Justice Gabriel stated, "... it would essentially boil down to the Crown (wearing one hat) being called upon to determine whether a project which the Crown (wearing another hat) has funded passes muster. This will do nothing to assuage whatever cynicism has been engendered in the past."

I believe the working group of fishermen's organizations, together with Pictou Landing First Nations, should be taking the Province and Northern Pulp to Supreme Court on this basis; in the event the Federal Government does not step in and take control of this environmental assessment. I believe we, as Fishermen and First Nations, have a legal right to protect our industry – and Justice Gabriel has set the precedent.

We undoubtedly will lose our Marine Stewardship Certification, (a major marketing tool), for both our herring and lobster fisheries as a result of this new effluent pipeline, as part of the criteria is the species are harvested from a healthy environment, in a sustainable fashion. It's already affecting the existing fishery and not just here, in P.E.I as well. Fishermen are anticipating the value of their enterprises to be less than half what there are now, as soon as there is real indication of construction of this effluent pipe; and some have literally already sold out on this realistic assumption.

In Northern Pulp's submitted environmental assessment, the pipe would be required to be set at a depth below the seabed of 3 meters due to potential from ice damage. To accomplish this, they submit the trench would have to be 9 meters across, for the entire length of 4.1 kilometers from where it enters the harbour adjacent to the ferry dock, to the mouth of the harbour, the proposed discharge location. The sediment alone from this construction would destroy the local fishery and directly breaches section 35 of the Federal Fisheries Act as it will destroy marine habitat, eelgrass beds, etc., killing juvenile fish, lobster and crab. The sediment dispersed will cause havoc with the marine environment for miles and for how long, is anyone's guess.

There came a point, when the environment outweighs the economy, it's past. In this day and age, to even consider directing this massive flow of 'treated', poisonous effluent directly to the Northumberland Strait, is not reasonable or remotely with noble conscience from Northern Pulp. There is an alternative, yet the mill will not consider it, as it would mean less profits – converting the mill to a mechanical process that separates the pulp, no effluent discharge required and less air emissions – this actual possibility could be discussed at length. The mill simply will not consider it, as it is less profitable and there would be 'downtime' at their expense while converting.



Our government is closing Boat Harbour in January 2020, ten years premature of the lease agreement, but actually 25 years late, from what was originally promised to Pictou Landing First Nations. To continue using Boat Harbour, is to continue with the current environmental racism that PLFN have been enduring for 52 years and are currently, on a daily basis, contending with. To ask for an extension, is simply ignorant. Because the closure of Boat Harbour is premature of this lease agreement that the Province agreed to without PLFN consent, Premier McNeil has been quoted saying that the monies our government will be giving Northern Pulp are not to directly pay for the estimated 130 million dollar 15.5 km pipe and new treatment facility, but in lieu of the lease agreements early closure.... Obviously, this 130 million could be better spent on converting the mill to a mechanical, closed loop system. The mill has no interest and has continually stated, no pipe = no mill. If all you are thinking about is profits, you can't blame them. This company, Asia Pulp and Paper, subsidiary, Paper Excellence, buys up moth balled pulp mills for peanuts in comparison to today's cost, (that would be upwards of 2 billion dollars), spends next to nothing on upgrades, rakes in government subsidies and hand-outs... and in the case of our mill, is not responsible for any environmental damage. What a deal! The mill with the worst environmental record in the Country, has no environmental consequence – a coincidence? Think about that, why would you improve your discharges, (air and water), if there are no consequences? No you can't blame them for not wanting to convert the mill. There would be downtime and they couldn't sue our government for it – and they will be suing for any 'downtime' when Boat Harbour closes, you can count on that. They have a sweetest of deals right now and the fishing and forestry industries are both paying for it! The thing is, our government, (the people), have allowed this to happen. The question is, will we continue to? This mill is not worried about our marine environment and really, other than from a profits perspective, they are not worried about the longevity of our forest industry either.

I don't suspect anyone in the forest industry would want any harm to the fishing industry and I know the reverse is the same; we in the fishing industry want the forest industry to thrive, but simply not at our expense. There is a solution and the extension of Boat Harbour is not the solution. The solution is to convert the mill; this is what the Forest industry should be promoting to Northern Pulp.

Thanks,

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 6:54:01 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: While all of the documentation provided about the proposed pipeline seems to go into great detail it seems to me that there is very little information that the general public would understand. It would take a chemist or scientist to understand the facts and figures in this document. I think something written that the average person would understand would be very helpful. My first instinct is that this pipeline is a very bad idea because the document as presented doesnt really tell me anything. I think after all of the years of seeing what has happened at Boat Harbour, the potential of disaster with the pipeline is very real. I certainly wouldnt like to see the pulp mill closed with great job loss but environmental protection must be first and foremost. Another thing that comes to mind is tourism with the pipeline right next to the P.E.I. ferry route. There is far too much at stake here for a quick decision and I think a lot of questions still to be answered. Thank You,

Name: \_\_\_\_\_  
Email: \_\_\_\_\_  
@gmail.com Address: \_\_\_\_\_

Privacy-Statement:

agree x: 57 y: 18

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 7:07:00 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I definitely support the proposal put forward by Northern Pulp. Every mill, no matter what type they are, needs a place to dispose of their waste water. I did not agree with dumping untreated waste, but technology has changed and we can safely treat waste water before it gets to the ocean. Our fishermen cry about pollution, but have they ever sold a contaminated lobster. Instead of everyone fighting among each other, it is time to start working together and install a proper treatment plant so this mill can coexist and be a welcomed member of our community and also supply very badly

: Privacy-Statement: agree x: 61 y: 15

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 7:16:58 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I took several hydrography courses at NSCC Centre of Geographic Sciences in Lawrencetown NS. I learned that when a steady stream of water enters the ocean at a different temperature, salinity, composition etc. It does not simply mix and dilute, this steady stream will create its own current and travel great distances before it dilutes. In this case with the effluent pipe, in my educated opinion, this waste product could remain concentrated for an extended period after it enters the strait and could be damaging to ocean life the comes in contact. This is a very high risk and irresponsible plan put forth by Northern Pulp. Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 64 y: 14

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 9:05:34 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project is a must for our province and forest industry . There is no need to have to choose an industry fishing or forestrywhen we can have both. Come on people...Dont drive another company out of Nova Scotia. Name: Email: @outlook.com Address:

Privacy-Statement: agree x: 55 y: 18

**From:** @gmial.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 9:25:16 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I agree with everything Matt Dort said in a recent article in the Nova Scotia Advocate: <https://nsadvocate.org/2019/02/08/matt-dort-five-reasons-to-support-nopipe/> The composition of the toxic effluent will contain dioxins, furans, metals, solids and other contaminants at a rate of 90,000,000 Litres per day. Dioxins and furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 billion to the Nova Scotia economy. The tourism industry is worth \$2.7 billion and prides itself on warm, clean water and world class sandy beaches. The commercial fisheries is worth over \$1 billion and relies on sustainable wild shellfish that is shipped all across the world. The sport fishing industry is worth \$56 million, and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks on mainland Nova Scotia. Nova Scotia and the Northumberland Strait are put at risk by the proposed effluent treatment process. As it stands right now, there are no CCME guidelines established for marine environments in terms of some of the chemicals and compounds that make up the pulp mill effluent. Pulp and Paper Effluent Regulations PPER in Canada cover two matters total suspended solids TSS and biochemical oxygen demand BOD. Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90 and 97 respectively from 1970-2008, 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. This information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection, the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100 concentration kills more than 50 of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes. Only two mills in Canada test for and report impacts of effluent on

the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations PPER, which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act. 70 of pulp paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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. For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does. The new treatment facility is not better than the current one. Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with microorganisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. Point C is also a dead zone! After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids TSS and biochemical oxygen below the proposed water quality standard of 1. The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hour that contains almost 1000 kg of solids will have the same impact as the effluent which presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour. Further to this, the same proposal was rejected in 1994 for the same concerns! Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 million and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 million. Further to that \$127 million of Nova Scotia tax payers money have been given to the mill in the last several years. Meanwhile we have overworked doctors

leaving our province. We have ER closures and very long wait times for treatment and care. Our education system is also at its max with constant cuts. Funding for seniors and veterans as well as many other public programs and services would benefit from these large sums of tax dollars. It is time to close this mill and transition to more sustainable, environmentally-friendly forestry practices in our province. Name: \_\_\_\_\_ Email: \_\_\_\_\_@gmial.com

Privacy-Statement: agree x: 42 y:



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 11:14:21 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is Ruining many of the fish populations in the Nothumberland Strait. I dont understand how anyone can think this is ok. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 74 y: 37

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 11:48:42 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Hello, I am super concerned about the pipe and this whole situation. It worries me that so many more people are concerned about the economical impact than the environment when in fact this will indeed affect our forest industry as well. Is Northern Pulps needs more important than the well being of our Straight? More important than our fishing industry? I am so worried about the dire environmental impacts this pipe could have. Norther Pulp should not get an extension for a this project. Name: Email: @outlook.com Address: Municipality: 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:** February 10, 2019 12:11:10 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There can be NO PIPE into the Northumberland STRAIT. We have all the science we need at Boat Harbour. Health and environment are far more important than any amount of money for a foreign investor is worth. If they were truly concerned for the area they would spend the money to do a closed loop system. We cannot be stupid enough to make the same mistake all over again. We would be a global laughing stock in a terrible mess. Stand up for the citizens of the Maritime provinces And stop this now. Name: Email: @gmail.com

Privacy-Statement: agree x: 60 y: 27

**From:** @sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 12:29:30 PM

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Project: - Choose - Comments: THE TOP 5 REASONS TO SUPPORT #NOPIPE 1. For your HEALTH The composition of the toxic effluent will contain dioxins, furans, metals, 1000KG of solids and other contaminates at 90,000,000 Litres PER DAY. Dioxins and Furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. Name: Email: @sympatico.ca

: Privacy-Statement: agree x: 76 y: 19

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 1:42:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Only would this happen in a communist ,capitalist country like Russia or China , wake up you dictatorship, this pipe will not enter the Northumberland Strait ! Modernize this mill or shut it down.#nopipe #noextension Name: Email: Address:

Privacy-Statement: agree x: 55 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 4:15:37 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: THE TOP 5 REASONS TO SUPPORT #NOPIPE 1. For your HEALTH The composition of the toxic effluent will contain dioxins, furans, metals, 1000KG of solids and other contaminates at 90,000,000 Litres PER DAY. Dioxins and Furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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 mills 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. <http://ec.gc.ca/inrp-npri/donnees-data/index.cfm?fbclid=IwAR3gT3KRRmPu8j22heOksunum4i6VAp0cD-tb6hqJTVOTTYrGeRh7YAtZc8> <https://www.nrcm.org/projects/waters/cleaning-up-the-androscoggin-river/maines-dioxin-problem/>

[https://docs.wixstatic.com/ugd/b61814\\_40a0f43682ee45d99af01fb432d910fd.pdf?fbclid=IwAR3a7QpiR253DqowGxu5DQK13vDIcJru0rFyGl1cYCrO4GsFjHKMp6aghz4](https://docs.wixstatic.com/ugd/b61814_40a0f43682ee45d99af01fb432d910fd.pdf?fbclid=IwAR3a7QpiR253DqowGxu5DQK13vDIcJru0rFyGl1cYCrO4GsFjHKMp6aghz4) 2. For the overall ECONOMY The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 Billion dollars to the Nova Scotia economy. The tourism industry is worth \$2.7 Billion and prides itself on warm, clean water and world class sandy beaches. The Commercial Fishing Industry is worth over \$1 Billion and prides itself on sustainable wild shellfish that is shipped all across the world. The Sport Fishing industry is worth \$56 Million and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks on mainland NS. All of this is at risk due to 32,000,000,000 Liters of waste water PER YEAR that will be 37 Celsius that will contain deleterious substances harmful to Fish species and humans.

[https://docs.wixstatic.com/ugd/b61814\\_246fdf7e04a64e239be0fbf7dc64f976.pdf?fbclid=IwAR3JjsPZQ-\\_npJ0a5-B4Xv4-nJeqnSfkZk9an--3s0W92fB5oZrbUWFLTNu](https://docs.wixstatic.com/ugd/b61814_246fdf7e04a64e239be0fbf7dc64f976.pdf?fbclid=IwAR3JjsPZQ-_npJ0a5-B4Xv4-nJeqnSfkZk9an--3s0W92fB5oZrbUWFLTNu) <https://novascotia.ca/news/release/?id=20180222001>

[https://docs.wixstatic.com/ugd/b61814\\_f856b6a7c7b34ffb9eba165dc3ed894b.pdf?fbclid=IwAR3es-LiMLiVx1Lc-eJZI1TLQkqYBXBRw0OBS3upgGj9ibusKsO1wl\\_Uqfc](https://docs.wixstatic.com/ugd/b61814_f856b6a7c7b34ffb9eba165dc3ed894b.pdf?fbclid=IwAR3es-LiMLiVx1Lc-eJZI1TLQkqYBXBRw0OBS3upgGj9ibusKsO1wl_Uqfc) 3. For the ENVIRONMENT Meeting Regulations DOES NOT Prevent Harm Nova Scotia and the Northumberland Strait has many great resources. However, they are at risk with the proposed Effluent treatment process. As it stands right now, there are no CCME guidelines established for Marine Environments for some of the different chemicals and compounds that make up the pulp mill effluent. Pulp and Paper Effluent Regulations PPER in Canada cover two matters total suspended solids TSS and biochemical oxygen demand BOD. Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90 and 97 respectively from 1970-2008, 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. This

information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection, the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100 concentration kills more than 50 of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes. Only two mills in Canada test for and report impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations PPER, which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act. 70 of pulp paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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. For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does.

[https://drive.google.com/file/d/1H1HltUnh9Oem\\_KpPHwxmye7z5mfJP5\\_W/view?fbclid=IwAR1WyzupTqjLC9u8tjxWpq94e5anEQDs\\_-JTH0z8vPWAoaKkyIoGBuumdM4](https://drive.google.com/file/d/1H1HltUnh9Oem_KpPHwxmye7z5mfJP5_W/view?fbclid=IwAR1WyzupTqjLC9u8tjxWpq94e5anEQDs_-JTH0z8vPWAoaKkyIoGBuumdM4)

New treatment Facility is NOT BETTER Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system, untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with micro-organisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. POINT C is also a DEAD ZONE!! After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids TSS and biochemical oxygen below the

proposed water quality standard of 1.â? The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hour that contains almost 1000kg of solids will have the same impact as the effluent which presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour. Further to this, the same proposal was rejected in 1994 for the same concerns!! <https://theyee.ca/Analysis/2019/02/07/Pollution-Nova-Scotia-Pulp-Mill-Sink-Trudeau/>

fbclid=IwAR2\_XplvKgfjWHCh2fTuzimxmeMsnWVTVVhE6agYFPiXSwR3VvkEXHB4GEA  
[https://docs.wixstatic.com/ugd/b61814\\_ab61cca668f1432f890d2d0a7715a554.pdf?](https://docs.wixstatic.com/ugd/b61814_ab61cca668f1432f890d2d0a7715a554.pdf?fbclid=IwAR27oqDYJfCCBWdlMyNExvUrYZ_rBS86Gw77cT35IIIltVdyzh05AYwwcB1c5)

fbclid=IwAR27oqDYJfCCBWdlMyNExvUrYZ\_rBS86Gw77cT35IIIltVdyzh05AYwwcB1c 5.  
Better return for your TAX DOLLARS Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 Million dollars and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 Million dollars. Further to that \$127 Million dollars of NS Tax payers dollars have been given to the mill in the last several years. Meanwhile we have doctors over worked and leaving our province. We have ER closures and very long wait times for treatment and care. Our Education system is also at its max with constant cuts. Funding for Seniors and Veterans as well as many more public programs and services would benefit from the large sums of NS tax dollars instead of it going towards Northern Pulp.

<https://www.halifaxexaminer.ca/featured/northern-pulp-scotsburn-lumber-and-u-s-tariffs/#News> [#NOPIPE](https://www.halifaxexaminer.ca/province-house/health-care-crisis-check-leadership-to-solve-it-another-question/?fbclid=IwAR1oPeQe3iFB-Oe0llwCNT9uax2Gos8ZQNhV3YYvTOO67j5aRX8p310_tQ8)

[https://novascotia.ca/nse/ea/Replacement\\_Effluent\\_Treatment\\_Facility\\_Project/](https://novascotia.ca/nse/ea/Replacement_Effluent_Treatment_Facility_Project/) Name:

Email: @gmail.com Address:

: Privacy-

Statement: agree x: 70 y: 24



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 10, 2019 7:31:47 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support the proposed effluent treatment facility project at Northern Pulp Nova Scotia. The level of investment that the company has spent on this project to date is significant and there is no doubt in my mind that the company has full intentions on building the best possible solution that is economically feasible. There has been a significant negative social impact to our region as a result of those who choose to refuse to trust in our forestry industry. Technology investments of the past 50 years make it possible to protect our environment and encourage industrial development, unlike the Boat Harbour facility as it currently sits. The findings of the provincial assessment should directly assess and evaluate the impacts to the local fisheries and waterways as this is undoubtedly at the forefront of the minds of many particularly those that are opposed to this facility. Name: Email:

: Privacy-

Statement: agree x: 41 y: 28

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 7:49:13 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Our waters and environment matter for today and the future. Name: Email:  
@eastlink.ca Address: Municipality: Postal-Code:  
: Privacy-Statement: agree x: 35 y: 34

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 7:49:58 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Stupidest plan ever,  
poison the streight. And poison the air. Health or profit. Who lives or who dies. Not a hard  
decision. Its 2019. Time to force closed loop or shut her down Name: Email:  
@gmail.com Address:

: Privacy-Statement: agree

x: 57 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 8:46:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I say NO to any extension of time to clean up! Northern Pulp has had ample time - which they agreed to. We want no effluent pipe, and grant no extra time to clean up. Northern Pulp should be facing crippling fines if they dont return the area to pristine condition by the date agreed upon. The NS government has dragged its feet, looked the other way, and dangled jobs in front of the local population. How about providing well-paid jobs that the clean up will create? Keeping jobs for Nova Scotians is not the problem, distorted profits for foreign companies is. We judge by results, not by promises and fantasy claims. The poisoning of our water, destruction of our rich fishing areas and their communities, and the battle-field scarring where our forests used to stand are the results that generations of Nova Scotians will live with. There is nothing that could be worth this rapid, wholesale destruction. No extension, and no effluent pipe! Hire real scientists to work out something that will in fact be good for the environment and people of Nova Scotia, now and down the generations. Name: Email:

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

Privacy-Statement: agree x: 52 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 9:01:29 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It is completely irresponsible in this day and age to further consider allowing pollution to continue from this facility. The new plan is slightly better than the current condition but still allowing pollution to be introduced in to a natural habitat at an alarming rate. A slightly lesser evil is still an evil. And this new evil is being moved to a location that is potentially allowing the bad decision to reach further into the eco system and not only affect the environment and people of this province but neighboring ones. It is ridiculous that the tax payers of NS are on the hook for clean up of this companies negligent actions up until now due to the indemnity clause that should have never been approved, why on earth should we consider actions that will only increase this bill into the future. while I am admittedly not completely informed about how much government money in the way of tax cuts or grants go to this antiquated mill, I am sure they are getting some financial backing from the NS tax payers. Perhaps this should stop and the money be allocated to funding more environmentally sound companies to offset jobs that may be lost if the company were to pull up and leave because it didnt get its way and be allowed to continue to work towards destroying our environment. Why do we let foreign companies get rich at expense of our health and out land. I dont always agree with the view points of our indigenous peoples but in matters like this they do prove to be better stewards of the natural resources than the rest of us more often than not. In closing I think the only way northern pulp should continue is in an updated facility that does not in any way further our march into the climate crisis sitting before us and the measures that are required come out of their pockets not ours. If they decide they cannot part with the money required to be a responsible corporate citizen then I am sure the savings to our taxpayers can go to help find business partners who can. No extensions, no more corporate welfare, no more compromise on my daughters future. Name: Email: @hotmail.com Address: Municipality: Postal-Code: Phone: Privacy-Statement: agree x: 55 y: 32

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 9:21:40 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There is no way that this ancient mill and old technology will treat this poison. I know for a fact that this mill is crumbling internally and it needs way more updates than a treatment facility. I will not support this and shame on you if you do and shame on me for voting for you Name:  
Email: @eastlink.ca Address:

Privacy-Statement: agree x: 38 y: 30

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 10:53:44 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: To Ms. Miller Dept. of Environment NS, My wife and I have a cottage on Caribou Island. The island is beautiful. We swim there, dig quahogs and enjoy watching the ferry pass by every summer. We are literally a good golf ball drive from where Northern Pulp wants to have the outflow of its pipe. I see firsthand every winter the huge amount of sea ice that comes into the strait and Caribou Harbour. The harbour and strait are very shallow in places. Just this fall we had a huge storm that moved the entire beach and armour rocks. With rising oceans being the new normal, the extremes are only going to get worse and this pipe will not survive. What is in the pipe is also a problem. They say it is treated effluent but there will be solids and other leftover particles from what I have read. Even if the effluent was completely clean it is not a clever idea to release such a huge volume of fresh water into a salt water environment especially with temperatures between 24 and 34 degrees Celsius. We spend most of the summer at the cottage and get to see firsthand where the lobster traps are set. Many are set exactly where NP wants their pipe to go. We also see in September hundreds of herring boats that drop anchor in the evenings who fish just to the left of where the pipe is going to go. I have a daughter and I do not want her to have to witness what the people of Pictou Landing have had to do deal with and live with for the last 50 years. It is 2019, we know better now! We have not been able to trust this company. They have had 5 years to come up with a better plan and have let the citizens of NS and their own employees down by not doing so. They think they can continue to bully us and our governments into accepting their substandard operating methods. If they were serious about continuing to do business here they would have invested in a bleach closed loop system. They have been a bad neighbour and the smell every 2nd day is a continuous reminder of them and their arrogance. I like anyone else hate to see jobs go but they are not worth the risk of wrecking the entire Northumberland Strait and its eco system. Please do the right thing and reject this and be on the right side of history. Sincerely,

Name: Email:

@hotmail.com Address:

: Privacy-Statement: agree x: 61

y: 19

**From:** upei.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 11:20:23 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: An environmental impact assessment needs to be done of the effluent treatment ponds that are directly adjacent to First Nations land. The health impacts of their exposure to these wastes should be performed - census of cancer, asthma and autoimmune disorders. The people who have been impacted by effluent from the Northern Pulp Mill should be compensated financially by the mill. The mill has negatively impacted the tourism industry in the Pictou area due to the foul odours emitted into the air. Another once prosperous industry - local fin fish and lobster fisheries - may also be impacted by treated effluent but this has not been investigated by the DFO although there is significant anecdotal evidence that this is the case. This mill has received large government handouts to remain in business as it contributed so much to the local economy even though this is a foreign owned company which employs merely hundreds of locals. The detrimental impact of the Northern Pulp Mill on the local fishery and tourism industries certainly outweighs the mere hundreds of jobs provided by this company. Name:

Email: @upei.ca Address:

Privacy-Statement: agree x: 65 y: 21



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 1:45:27 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We are a family of six who rely on the Mill and its projects to sustain our life here in Pictou County. The job loss that could be felt in our community if this project is not given the proper time to unfold will be catastrophe. My husband and I are already seeking employment and property in Prince George and Kamloops, British Columbia. If we can not maintain our life here due to loss of our primary source of income- our source to provide post second education for our four children to be a contributing member of our community to be able to be a consumer that allows our fellow community members to maintain their businesses than there is really no point in staying. Without Northern Pulp remaining open and continuing we will just be another statistic of young families leaving Nova Scotia to find a sustainable living. There is, in my mind, no need for the hype that the treatment facility will cause adverse affects to the surrounding waters and natures. There is no amount of tourism and other employment opportunities that can adequately provide for the economy of rural Nova Scotia than the NP mill and its 11000 spin off jobs. There is no way a government can sit by and allow this to happen in good conscious. The time for being environmentally friendly is upon us but we must not forgo the people who provide for the opportunity to create the change. This projects future is mandatory for Nova Scotia and my family personally. Name: Email:  
@hotmail.com Address:

Privacy-Statement: agree x: 59 y: 14

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 1:48:45 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It is disgraceful to think that any government who says that they are for the environment and wants the people to pay for reducing the effects of pollution that cause global warming would think this is ok. Toxic effluent being pumped into the ocean, really! This will kill ocean life that is integral in producing oxygen and using carbon dioxide thus reducing the carbon in our atmosphere. Not only will it impact the algae and other sea plants that use carbon dioxide but it will poison fish and ruin the habitat where many species such as striped bass that were at risk in this area and have just now made a comeback but everything that feeds and spawns in this part of the ocean. Seems like the Liberal Party, provincial and federal talk the talk but dont walk the walk. Allowing spraying of toxic chemicals in forest to kill hardwoods off. Sprays that have been proven to be carcinogenic . Clear cutting of our forests, etc. The list of environmental issues that this governme nt endorses is disgusting. Never will I vote Liberal again. Name:

Email: @gmail.com Address: Municipality:  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-  
Statement: agree x: 62 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 3:06:06 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This tremendous project should be approved without delay. Northern Pulp NP is replacing the old Boat Harbour facility it inherited with a modern, state-of-the-art system like those in the very best kraft pulp mills worldwide. There are no significant residual environmental effects on the 17 valued environmental components identified. Even under worst case conditions water quality will reach ambient conditions within 2m of the diffuser colour will return to baseline within 5m of the diffuser and temperature will be within 0.1C of background within 100M. Congratulations to the NP team for this comprehensive plan. It cannot be approved, built and commissioned soon enough. Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 41 y: 32

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 3:26:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This mill is not worried about our marine environment Northumberland Strait Sportfishing Association Canada Feb 11, 2019 " I have a hard time understanding how there is any confusion regarding how an effluent pipe, with a volume of this magnitude, directly to the Northumberland Strait, won't cause any negative effects to the marine environment and the existing fishery. Basically, Northern Pulp wants to redirect the majority of the flow from the Middle River " between 62 and 90 million liters per day, heat it up to 37 degrees Celsius, add one ton of what is technically toxic waste solids, then direct that to the mouth of Caribou Harbour. This effluent will kill lobster larvae it's inevitable and would directly breach section 36 of the Federal Fisheries Act. The mill then states, "it's unlikely there will be any harm to lobster," in their environmental assessment. It is virtually impossible that there will not be adverse effects from this dramatic redirection of the Middle River, to the mouth of Caribou Harbour. For our Provincial government to have not immediately sent this to the Federal government for environmental assessment is outrageous. To suggest, "this is not a new facility, just replacement of an existing one", as the reason for a provincial assessment, is not reasonable or realistic. To completely redirect the flow of a major river to the mouth of Caribou Harbour, miles from where it's been flowing, into the very heart of the most lucrative lobster and herring grounds in the Northumberland Strait, a provincially shared Federal Fishing zone, this goes beyond responsible, honest government, with regards to the environmental assessment applied. Our government is in an obvious conflict of interest. The Supreme Court of Canada agrees, according to the ruling of Justice Timothy Gabriel last fall, with regards to Pictou Landing First Nations and the Provincial Government with respect to the government funding of a replacement facility and the relationship with Northern Pulp. Justice Gabriel stated, "it would essentially boil down to the Crown wearing one hat being called upon to determine whether a project which the Crown wearing another hat has funded passes muster. This will do nothing to assuage whatever cynicism has been engendered in the past." I believe the working group of fishermen's organizations, together with Pictou Landing First Nations, should be taking the Province and Northern Pulp to Supreme Court on this basis in the event the Federal Government does not step in and take control of this environmental assessment. I believe we, as fishermen and First Nations, have a legal right to protect our industry " and Justice Gabriel has set the precedent. We undoubtedly will lose our Marine Stewardship Certification, a major marketing tool, for both our herring and lobster fisheries as a result of this new effluent pipeline, as part of the criteria is the species are harvested from a healthy environment, in a sustainable fashion. It's already affecting the existing fishery and not just here, in P.E.I as well. Fishermen are anticipating the value of their enterprises to be less than half what there are now, as soon as there is real indication of construction of this effluent pipe and some have literally already sold out on this realistic assumption. In Northern Pulp's submitted proposal, the pipe is required to be set at a depth below the seabed of three meters due to potential from ice damage. To accomplish this, they submit the trench would have to be 9 meters across, for the entire length of 4.1 kilometers from where it enters the harbour adjacent to the ferry dock, to the mouth of the harbour, the proposed discharge location. The sediment alone from this construction would destroy the local fishery and directly breaches section 35 of the Federal Fisheries Act as it will destroy marine habitat, eelgrass beds, etc., killing juvenile fish, lobster and crab. The sediment dispersed will cause havoc with the marine environment for miles and for how long, is anyone's guess. There came a point in

time when the environment outweighed the economy, it has passed. In this day and age, to even consider directing this massive flow of untreated, poisonous effluent directly to the Northumberland Strait, is not reasonable. There is an alternative, yet the mill will not consider it, as it would mean less profits" converting the mill to a mechanical process that separates the pulp, no effluent discharge required and less air emissions" this actual possibility could be discussed at length. The mill simply will not consider it, as it is less profitable and there would be downtime at their expense while converting. Our government is closing Boat Harbour in January 2020, ten years premature of the lease agreement, but actually 25 years late, from what was originally promised to Pictou Landing First Nations PLFN. To continue using Boat Harbour, is to continue with the current environmental racism that PLFN have been enduring for 52 years and are currently, on a daily basis, contending with. To ask for an extension, is simply ignorant. Because the closure of Boat Harbour is premature of this lease agreement that the Province agreed to without PLFN consent, Premier McNeil has been quoted saying that the monies our government will be giving Northern Pulp are not to directly pay for the estimated \$130 million 15.5 km pipe and new treatment facility, but in lieu of the lease agreements early closure. Obviously, this \$130 million could be better spent on converting the mill to a mechanical, closed loop system. The mill has no interest and has continually stated, no pipe = no mill. If all you are thinking about is profits, you can't blame them. This company, Asia Pulp and Paper, subsidiary, Paper Excellence, buys up mothballed pulp mills for peanuts in comparison to today's cost, that would be upwards of 2 billion dollars, spends next to nothing on upgrades, rakes in government subsidies and hand-outs and in the case of our mill, is not responsible for any environmental damage. What a deal! The mill with one of the worst environmental records in the country, suffers no consequences for environmental damage" a coincidence? Think about that, why would you improve your discharges, air and water, if there are no consequences? No, you can't blame them for not wanting to convert the mill. There would be downtime and they couldn't sue our government for it" and they will be suing for any downtime when Boat Harbour closes, you can count on that. They have a sweetest of deals right now and the fishing and forestry industries are both paying for it! The thing is, our government, the people, have allowed this to happen. The question is, will we continue to? This mill is not worried about our marine environment and really, other than from a profits perspective, they are not worried about the longevity of our forest industry either. I don't suspect anyone in the forest industry would want any harm to the fishing industry and I know the reverse is the same we in the fishing industry want the forest industry to thrive, but simply not at our expense. There is a solution and the extension of Boat Harbour is not the solution. The solution is to convert the mill this is what the forest industry should be promoting to Northern Pulp. Name:

Email: @hotmail.com Address:

: Privacy-

Statement: agree x: 87 y: 33

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 3:42:47 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Effluent has been flowing into the Northumberland Strait for 50 years with little-known impact on fish habitat. With the new system, the effluent entering the strait will be improved. Please remove emotion from your decision-making process and make your decision based upon the scientific merits of the proposal. Name: : @gmail.com Address:

Privacy-Statement: agree x: 41 y: 32

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 4:09:06 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in favor of the Government of Nova Scotia granting NPNS permission to construct and operate their proposed new ETF. Please also grant the Company the needed time extension of a year or more, to enable the Boat Harbor facility to operate until the new ETF is commissioned. It is impossible to emphasize too strongly how important the continued operation of the NPNS mill is to the economy of Nova Scotia. NPNS is the largest export shipper from the Port of Halifax and the dollar value of their shipments is one third of Nova Scotias total. Thank you very much for your consideration. Name: Email: @ns.sympatico.ca  
Address

: Privacy-Statement: agree x: 60 y: 16

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 5:28:34 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Listen to the fishermen. Listen to the natives who were lied to and crapped on for 50 years. The town of Pictou should be a tourist draw. every business in that town is affected by the stink of this thing. Reading The Mill by Joan Baxter - one story in it comes to mind. A teacher having to not let her students outside for recess because their school was literally in a cloud of pollution. This mill has to go. Let this thing die. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 62 y: 25



**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 6:07:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Government of Nova Scotia, I am asking the Government of Nova Scotia to ENFORCE THE ENVIRONMENTAL LAW in Pictou County: Shut down Northern Pulp until they comply 100: PROTECT THE PEOPLE! We have environmental issues in Pictou County. Northern Pulp Operations threaten our environment. Our air and water are unsafe. The ocean is an important resource in Pictou County. Northern Pulp wants to dump liquid pollution into our ocean. Northern Pulp has a track record indicating it cannot be trusted with environmental concerns. Northern Pulp still pollutes our air after being told to fix its emissions. I do not trust Northern Pulp with our ocean/fisheries. Name:                      Email:                      @eastlink.ca  
Address:

Privacy-Statement: agree x: 67 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 6:45:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have reviewed the document and feel that this will be an environmental improvement over the existing facility. I understand that the impact on the Northumberland Strait will be less than the current effluent being discharged into the Strait where it has been going for the past 50 years. I also understand that this new type of treatment plant is used all over the world with minimal impact to the receiving waters. It also seems that Paper Excellence wants to invest in NP so the mill can continue to run . I reviewed the table and am encouraged that the consultants have rated the environmental effects as Not Significant. I also understand that there will be a comprehensive monitoring program. I find all these facts to be encouraging. Name: Email:

@hotmail.com Address:

: Privacy-Statement:

agree x: 68 y: 15

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 7:42:33 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Just as it is not acceptable to dump raw sewage into rivers and lakes where it will eventually be consumed by humans, it is not acceptable for corporations to dump effluent into waters where it will eventually be consumed by creatures which will eventually be consumed by humans. This is especially true where a closed loop alternative exists. Name: Email:  
@gmail.com Address:

Privacy-Statement: agree x: 65 y:

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 8:30:39 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There are so many reasons the people of this province and beyond will NOT accept anything less than a federal assessment. This plan was declined twice already in the past by federal level so Im unsure how this is acceptable in 2019. It should also be noted this plan makes NO mention to ice scours that would damage the pipe at the caribou location. The people have continually stated we will not accept a pipe. We know this would destroy our waters. The Supreme court has already ruled any future construction must be worked on with Pictou Landing first Nations. We the people are standing FIRM with this group. We believe many land demonstrations would occur and escalating incidents would happen. We do NOT WISH THIS. As a long time resident of Pictou County, I am ashamed at the true blatant corruption that has taken place since 1967 regarding this mill. It is far too old to continue. CLOSED LOOP should be the target. Our many reasons can be found here as well, why we are demanding a federal assessment. For your health: The composition of the toxic effluent will contain dioxins, furans, metals, solids and other contaminants at a rate of 90,000,000 Litres per day. Dioxins and furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. The waste sludge contains toxins which would be released through the stacks of the mill's power boiler. The proposal is to odewater 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. See also: Maine's dioxin problem What you should know about Northern Pulp's proposed new treatment facility 2. For the economy The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 billion to the Nova Scotia economy. The tourism industry is worth \$2.7 billion and prides itself on warm, clean water and world class sandy beaches. The commercial fisheries is worth over \$1 billion and relies on sustainable wild shellfish that is shipped all across the world. The sport fishing industry is worth \$56 million, and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks on mainland Nova Scotia. See also: Nova Scotia exports top 10 Nova Scotia celebrates seafood export success at fisheries conference 3. For the environment " Meeting regulations does not prevent harm Nova Scotia and the Northumberland Strait are put at risk by the proposed effluent treatment process. As it stands right now, there are no CCME guidelines established for marine environments in terms of some of the chemicals and compounds that make up the pulp mill effluent. Pulp and Paper Effluent Regulations PPER in Canada cover two matters total suspended solids TSS and biochemical oxygen demand BOD. Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90 and 97 respectively from 1970-2008, 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. This information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection, the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100 concentration kills more than 50 of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes. Only two mills in Canada test for and report impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations PPER, which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act. 70 of pulp paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations. 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. For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does. See also: Preliminary Receiving Water Study for Northern Pulp Effluent Treatment Plant Replacement, Pictou Harbour, Nova Scotia 4. The new treatment facility is not better than the current one Northern Pulp's proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with microorganisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. Point C is also a dead zone! After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulp's figures, during the time in Boat Harbour Basin, total suspended solids TSS and biochemical oxygen below the proposed water

quality standard of 1.â? The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hour that contains almost 1000 kg of solids will have the same impact as the effluent which presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour. Further to this, the same proposal was rejected in 1994 for the same concerns! See also: How pollution from a Nova Scotia pulp mill could sink Trudeau on both coasts Fifty years of pulp effluent 5. Better return for your tax dollars Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 million and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 million. Further to that \$127 million of Nova Scotia tax payers money have been given to the mill in the last several years. Meanwhile we have overworked doctors leaving our province. We have ER closures and very long wait times for treatment and care. Our education system is also at its max with constant cuts. Funding for seniors and veterans as well as many other public programs and services would benefit from these large sums of tax dollars. Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 37 y: 32

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 8:54:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am gravely concerned about untreated effluent going into our oceans. This water sustains life on our planet and the effluent must be treated. The lobster and fishing industries are vital to our livelihood here in Nova Scotia. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 57 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 11, 2019 11:24:02 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It has been polluting our air and water long enough.If it cannot clean up its pollution ,it should be closed.Nova Scotians will adjust. The pulp mill in Liverpool closed and new businesses have started.We should not be paying for the clean-up costs, they need to be passed on to the polluter. No profits should accrue to the shareholders until this pollution cost is factored in as a cost of production. Besides, I doubt very much that stumpage fees to Nova Scotians come anywhere close to the pollution cost.The old joke where I grew up was in winter if you smelled sulfurdioxide in Truro some 50 miles away, we were in for a nasty eastern wind and snowstorm. Name:

Email: @hotmail.com Address:

: Privacy-

Statement: agree x: 51 y: 28



**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 12:01:00 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe we need to give Northern pulp the time to make things right .We need all the jobs that go with the forest industry and Northern Pulp.We all win when new technology is used reducing polution .and this is the best technology known at this time. Name: Email:  
@ns.sympatico.ca Address:

Privacy-Statement: agree

x: 53 y: 31

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 6:04:44 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If the effluent treatment facility can meet all standards and regulations set forth why is being denied even an option? The fishing industry and pulp industry have co existed for 51 years now. The science shows that it will work and science is what I believe. Build it and show us what this new system can do!! Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 46 y: 28

**From:** @gmail.com  
**To:** [nt Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 7:04:54 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I strongly support an extension for the replacement of Northern Pulp's effluent treatment facility. Name:

Email: @gmail.com Address:

:

Privacy-Statement: agree x: 84 y: 18

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 9:12:08 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If anyone wants to know the potential impacts on Marine species in the Northumberland Strait, look no further than NPs 1700 page Environmental Assessment. We the people will NOT accept anything less than a federal assessment. We will stand strong and firm with Pictou Landing first nations. The plan to mitigate the risk is weak at best and meets regulations. Meeting regulations is not good enough when the Strait is at its max threshold for pressures. SEE BELOW FOR INFO DIRECTLY FROM THEIR PROPOSAL Impact Evaluation/Effects Assessment The potential environmental effects of the project and project activities on marine fish and fish habitat are assessed in the following section. Potential Effects Marine fish could be affected by activities and components of the project during the construction phase and operation and maintenance phase. If unmitigated, these changes have the potential to change marine fish populations and fish habitat e.g., adult fish, juveniles, eggs and larvae, invertebrates and marine plants through direct mortality or indirectly through alteration or destruction of habitat. The environmental assessment of marine fish is focused on changes in marine fish populations. For the purposes of this assessment, a change in marine fish populations includes any physical injury or mortality on fish attributable to the project, and any destruction or alteration of habitat from disturbance of the marine environment. Construction Phase During construction, marine fish may experience direct mortality or functional impairment resulting in eventual mortality. The placement of in-water infrastructure would have a direct effect on sessile or slow-moving demersal fish and invertebrates as they would be unlikely to avoid construction activities within the marine PFA and could experience mortality as a result of smothering or crushing. The construction of marine-based infrastructure may affect marine fish populations through a change in available substrate and size distribution, a change in water and sediment quality, or changes to the acoustic qualities of the marine environment. The process of installing marine pipelines has a direct effect on the benthic environment. In-water activities during the construction phase may also result in a change in sediment quality. The disturbance of marine sediments may temporarily increase the concentration of TSS in the water column. Suspended solids can reduce feeding and growth rates and can alter migration of salmon in nearshore habitats Robinson and Cuthbert 1996. Reduced feeding rates, avoidance behaviour and suffocation due to effects on gill function have been observed in herring from suspended sediments Robinson and Cuthbert 1996. There may also be indirect effects on fish through alterations within localized food web structures. The severity of the effect of suspended sediments increases as a function of sediment concentration and duration of exposure Newcombe and Jensen 1996. During the construction phase, vessel noise will be concentrated within the LAA and the majority of anthropogenic sound in the marine environment generated during construction will originate through trenching, pipe laying, and backfilling. There is also the potential for underwater sound if blasting is used during the construction phase. Some marine fish species may be affected when exposed to high intensity sounds Popper 2003. The sound emitted to the marine environment during the construction phase could therefore temporarily reduce the quality of fish habitat in the marine PFA. Operation and Maintenance Phase Potential effects on marine fish and fish habitat during pipeline operation include the discharge of treated effluent from the ETF. These potential effects could result from: an increase in temperature, nutrients nitrogen and phosphorus, or TSS a change in colour, chemical and biochemical oxygen demand, dissolved oxygen DO, or pH or a reduction in salinity from the discharge of treated freshwater effluent into the Northumberland Strait.

Lobster harvesters in the Pictou region have expressed concern about the potential effects of the discharge of treated effluent on lobsters, particularly in the larval stage. Potential effects to fish during the construction phase may also be applicable during the operation and maintenance phase if project maintenance activities require the presence and operation of project vessels or equipment, and in-water activities that include seabed disturbance e.g., for pipeline retrieval #NOPIPE #NOEXTENSION Name: Email: Address: Municipality:

Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 49 y: 12

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:07:58 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not support the proposed effluent waste proposal. Northern Pulp have listed some of the potential impacts on Marine species in the Northumberland Strait in their submission. The plan to mitigate the risk is weak at best and meets regulations. Meeting regulations is not good enough when the Strait is at its max threshold for pressures. This area is a major economic driver for the province of NS as well as PEI and NB. Further to that, this area has over 50 species of vegetation, wildlife and marine life that are listed as SAR, SOCC, Threatened and Endangered within the ETF footprint. SEE BELOW FOR INFO DIRECTLY FROM THEIR PROPOSAL Impact Evaluation/Effects Assessment The potential environmental effects of the project and project activities on marine fish and fish habitat are assessed in the following section. Potential Effects Marine fish could be affected by activities and components of the project during the construction phase and operation and maintenance phase. If unmitigated, these changes have the potential to change marine fish populations and fish habitat e.g., adult fish, juveniles, eggs and larvae, invertebrates and marine plants through direct mortality or indirectly through alteration or destruction of habitat. The environmental assessment of marine fish is focused on changes in marine fish populations. For the purposes of this assessment, a change in marine fish populations includes any physical injury or mortality on fish attributable to the project, and any destruction or alteration of habitat from disturbance of the marine environment.

**Construction Phase** During construction, marine fish may experience direct mortality or functional impairment resulting in eventual mortality. The placement of in-water infrastructure would have a direct effect on sessile or slow-moving demersal fish and invertebrates as they would be unlikely to avoid construction activities within the marine PFA and could experience mortality as a result of smothering or crushing. The construction of marine-based infrastructure may affect marine fish populations through a change in available substrate and size distribution, a change in water and sediment quality, or changes to the acoustic qualities of the marine environment. The process of installing marine pipelines has a direct effect on the benthic environment. In-water activities during the construction phase may also result in a change in sediment quality. The disturbance of marine sediments may temporarily increase the concentration of TSS in the water column. Suspended solids can reduce feeding and growth rates and can alter migration of salmon in nearshore habitats Robinson and Cuthbert 1996. Reduced feeding rates, avoidance behaviour and suffocation due to effects on gill function have been observed in herring from suspended sediments Robinson and Cuthbert 1996. There may also be indirect effects on fish through alterations within localized food web structures. The severity of the effect of suspended sediments increases as a function of sediment concentration and duration of exposure Newcombe and Jensen 1996. During the construction phase, vessel noise will be concentrated within the LAA and the majority of anthropogenic sound in the marine environment generated during construction will originate through trenching, pipe laying, and backfilling. There is also the potential for underwater sound if blasting is used during the construction phase. Some marine fish species may be affected when exposed to high intensity sounds Popper 2003. The sound emitted to the marine environment during the construction phase could therefore temporarily reduce the quality of fish habitat in the marine PFA.

**Operation and Maintenance Phase** Potential effects on marine fish and fish habitat during pipeline operation include the discharge of treated effluent from the ETF. These potential effects could result from: an increase in temperature, nutrients nitrogen and phosphorus, or TSS a change in colour, chemical and biochemical oxygen demand, dissolved

oxygen DO, or pH or a reduction in salinity from the discharge of treated freshwater effluent into the Northumberland Strait. Lobster harvesters in the Pictou region have expressed concern about the potential effects of the discharge of treated effluent on lobsters, particularly in the larval stage. Potential effects to fish during the construction phase may also be applicable during the operation and maintenance phase if project maintenance activities require the presence and operation of project vessels or equipment, and in-water activities that include seabed disturbance e.g., for pipeline retrieval Name: Email:

@outlook.com Address:

: Privacy-

Statement: agree x: 61 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:09:28 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The fact that we are even discussing the possibility of harming the lucrative fishing industry is bizarre. I live in Pictou County. I want the Federal government to do a proper review. The Nova Scotian government is unable due to its close affiliation with Northern Pulp. For goodness sakes, John Hamm, our former premier, sits on the board of Northern Pulp and made the unfair deal that the province is currently bound by. The province is unable to assess the environmental damage- it's too involved. We need a Federal assessment. Name: Email:

@gmail.com Address:

Privacy-Statement: agree x:

77 y: 30



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:27:14 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: hello, myself my wife family and friends are against the pipe installation and would like to see a federal review. our sensitive ecosystem, tourism industry and local health will hurt greatly if care and caution are not taken. no extension and no installation . our forestry industry will still thrive practices are and need to be reviewed please take the publics opinion into full consideration. no pipe and no extension enough is enough thank-you Name: Email: @gmail.com  
Address:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:40:41 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please dont ruin our beaches and fishery with this Pipe. No one wants this in their back yard no matter how great you say the Effluent Treatment is. I dont believe a word spend the money on a closed loop system or go polute somewhere else where Mens hands are easily greased. These beaches is where I spent my life they are a perfect place to take your family no matter your income. No PIPE! Name:                      Email:                      @gmail.com Address:

: Privacy-Statement: agree x: 52 y: 31

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:45:19 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My primary concerns with this project are the lack of time an accountability associated with a Level one provincial assessment. Since the province is assessor, regulator and financier of this project then no open, clear and thorough assessment can be done in one month. The ministry needs to go s to go hands off and allow for a federal assessment, as per petition 1750 that is before parliament currently. Name: Email: @yahoo.com Address:

Privacy-Statement: agree x: 27 y: 26

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 11:46:55 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe the extension to the boat harbor treatment facility **MUST** be extended so Northern Pulp can complete whatever is necessary to forge forward. It amazes me that the premier is taking such a hard stand on this matter which will reduce the provincial taxes paid by all those that will loose their jobs if the mill closes, whereas he is so willing to spend multi millions of taxpayer dollars on the Yarmouth ferry. How political is that! Pictou county is hard hit employment wise as it is. Closing the mill would have a dire affect on our economy. No matter what scientists say about the negligent affect the new system would have on the Northumberland Strait, the fishermans association would not believe it anyway. **THE PLANT MUST STAY OPEN FOR THE GREATER BENEFIT OF ALL NORTHERN NOVA SCOTIA!** Name: \_\_\_\_\_ Email: \_\_\_\_\_  
@ns.sympatico.ca Address: \_\_\_\_\_

Privacy-Statement: agree x:

55 y: 23

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 11:47:13 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: N.S.Govt, you dont give a GOD dam about the Northumberland Strait , First Nation or Fisherman .Pictou is a shithole as far as your concerned , or MacNeil would have showed his face . You push this pipe dream on us , youll create HATE within this province and others .Spend our money , change the process within the MILL , limit the water use . Get your ship in order, were trying to sustain generations, killing our waters , dead wrong !!! Name: Email: Address:  
Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 60 y: 45

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 11:57:56 AM

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Project: - Choose - Comments: As a fisherman in the northumberland Strait I am very concerned with a pipe in the strait our association has financed a hatchery for lobsters to get them past there most vulnerable people stage which has helped get our fishery to record landings. As a fisherman seance 1981 I have seen a lot of changes in the way we treat the environment. When I first started the garage went over the side of boat now everything comes ashore sorted and put in the popper garbage or recycling container witch Wes as a harbour authority pays for Oil use to go over board now we have a tank to put it in and have it cleaned out properly payed for the harbour authority. Was this all a wast of our time and money we all take care not to have oil or other contaminants in our bilge that would be pumped out into the environment. Yet the pulp mill is proposing to dump there wast into the environment and see no problem with that. In there assessment app The waters of the northumbland Stright are getting warmer all ready whitch is a threat to the fish living there. Yet the mill thinks it is all right to dump hot water there witch will heat it at a faster rate. The proposed pipe will empty on the edge of one of last large herring spanning grounds in the Stright. Right on the lobster grounds There is a lot of talk about jobs in the forest what about jobs in the fishery if the mill closes there will still be forestry jobs if this wast kills the northumbland Stright there will be no fishing jobs left. Please donâ?Tt Pass this assessment Name: Email:

@gmail.com Address:

: Privacy-

Statement: agree x: 61 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 12:39:59 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Although people are saying "they had enough time" I think people need to realize that NP had to do research for the best option of water treatment system, or the natural habitat. I mean the town of Pictou is putting their effluent into the water, so them saying that they care about the environment and NP is being bad for putting stuff in the water is so hypocritical. Name: @gmail.com Address:

Privacy-Statement: agree x: 37 y: 16

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 1:02:19 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: You have to be an idiot to not realize this has harmful effects on the environment and people's health. The environment and people's health are more important than jobs. Do the right thing and don't side with greed. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 71 y: 20



**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 2:02:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The mill needs to close. PERIOD. They've had more than enough time to come up with a solution to the effluent treatment issue and they haven't. It's time they were held accountable after years of free passes. They've been given TOO MUCH leeway in the past and it has done nothing but cause more harm and delay what should've happened years ago-the closure of the mill. I'm a 21 year old native of Pictou County and I'm ashamed to tell people that I'm from there because they all associate it with the pulp mill and how disgusting it is. As a child I was scared to swim and fish in the waters because of the pollution. I used to drive by the mill and smell that sulphuric smell and plug my nose, and walk out of my high school under a sheet of pollution trying not to breathe while I ran to the bus. Now, as a university student, my professors use the Pictou mill as an example of environmental destruction, negative industrial power and mistreatment of local Aboriginal Communities. It's embarrassing. I understand the concern surrounding jobs loss and economic dependence...but at what cost are we willing to keep that mill open for a tiny percentage of the population of the county? What about the jobs of the lobster fishers from Nova Scotia and PEI? The people and businesses who could have MASSIVE potential in tourism if the mill wasn't there? Real estate companies who might have an explosion of business on water front prosperities? The long term environmental impact to ecosystems and animals? The overall health and well-being of indigenous population and general CITIZENS of the county? The cancer, asthma and COPD rates in the county are no coincidence. I understand job loss is a scary thing but Michelin just opened new positions, as did the marijuana plant in Stellarton-the people that are currently employed at the mill WILL find jobs and the county will soon have new economic opportunities. Maybe even more if the mill closes. It's time that we stop putting the needs of the few above the needs of the many. This is a prime example of how industries manipulate, exploit and overpower small economically dependent communities and it needs to stop. It should stop with us. I am the next generation that will be living in that county, working there, investing there, raising a family there. Pictou County is MY HOME and companies like northern pulp have no place in it. However, as long as that mill is open, I will be packing my bags and I won't be going back until it's closed. The generations to come are depending on us to make the right decision here, so let's follow through and make them proud. Please don't let them down. Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 46 y: 38

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 2:14:11 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a visitor to NS and committed to protection of the environment, i trust the environmental assessment will make clear whats needed to protect fish,, fishermen, water from dangerous toxins. the planet is not ours to kill. No Pipe. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 61 y: 14

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [James Gunvaldsen Klaassen](#); [Sarah McDonald](#)  
**Subject:** Comment in Writing re: Replacement Effluent Treatment Facility Project  
**Date:** February 12, 2019 1:21:25 PM

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Good afternoon,

Please see the attached link enclosing comments in regard to the Replacement Effluent Treatment Facility Project proposed by Northern Pulp Nova Scotia Corporation.

<https://ln.sync.com/dl/bc47c0da0/2tw6jfaf-gun5ieas-v2annjfa-dd3kb2ku>

Please confirm that this link has been accepted by the Environmental Assessment Branch at your earliest convenience. If there should be a technical difficulty, we shall arrange for alternate submission today.

Best regards,

Legal Administrative Assistant/Office Administrator | [Ecojustice](#)  
520-1801 Hollis Street, Halifax, NS B3J 3N4  
T: 902-417-1700 | 1-800-926-7744  
F: 902-417-1701

*[Ecojustice is Canada's largest environmental law charity. Help us build the case for a better earth.](#)*

This message may contain confidential and/or privileged information. If you are not the addressee or authorized to receive this for the addressee, you must not use, copy, disclose or take any action based on this message or any information herein. If you have received this message in error, please advise the sender immediately by reply e-mail and delete this message. Thank you.

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 2:35:47 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Marine life must be protected. Water is life. For everyones sake please, please, please stop the insanity. How can we, the people of this province, convince the policymakers of the vital importance of clean waters and lands? It is insane to allow any further harm. This is an impassioned plea from a grandmother begging all people to stand up and say, NO MORE. Name:

Email: @yahoo.com Address:

Privacy-

Statement: agree x: 83 y: 18

**From:** @freemanlumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 3:06:56 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: give Northern Pulp extra time to get this effluent facility built. They need the extension to get this done, the sooner the better. This affects all of forest industry, in what is decided for their future. Name:

Email: @freemanlumber.com Address:

Privacy-Statement: agree x: 68 y: 35

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 3:23:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I want clean air and clean water. Our earth in Pictou County already has had many leaks of chemicals from the pulp mill. Boat Harbour is dead. People there have suffered. I am for no pipe and no continuation in Boat Harbour. Enough is enough. Let forestry learn to be more sustainable, otherwise there will be no more forests at the rate we are going. Planting all spruce trees does not fertilize the soil. HARDwood leaves fertilize the soil. We need mixed forests. Forrester's have been telling us this for years. Why does this whole province need to support pulp mills? Government need to look at the longevity of our forests. Our ocean will be a mess if we allow this Pipe in. Focus on sustainability of children, clean air, forests, clean water and protect our drinking water sheds around Pictou or find a government who will. Name: \_\_\_\_\_ Email: \_\_\_\_\_  
@gmail.com Address:

Privacy-Statement: agree x: 46 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 3:26:33 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in favour for an extension, I do not want all those jobs in jeopardy due to a local conspiracy group. I think most ppl do want the extension but the loudest group is all youâ€™Tll hear, please put this pipe in and ignore the screams of the conspiracy groups. Name: Email:  
@hotmail.com Address: Municipality:

Privacy-Statement: agree x: 55 y:

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 7:37:49 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: this proposed so called Effluent Treatment process is so Wrong we have a Corporation who has an Indemnity Agreement allowing them to destroy our land air water with out any penalty for ever that covers their legal bills pays any fines for them by the taxpayer the misinformation of the effluents have been going into the Strait for the last 50 years the truth is ,that the current treatment at Boat Harbour lake takes the effluents at least 30 days to go from the entrance to the outflow to the Strait the Minister would know that if she did her job for the province people instead of bending to Sinar Mas owned Pulp mill Officials go see it for herself this new proposal claims that they can clean 2.5 million liters of toxic sludge per hour make pulp at the same time be cleaner than when it comes out of Boat Harbour lake where it lays along the shore at the outflow in a toxic dead zone for over a mile in each direction the Minister would see this if she did her j ob and took a tour instead of listening to reading Northern Pulp misinformation being the waters that support the fisheries of all the maritime provinces aboriginal territorial fisheries this decission should lay in the hands of the federal environment assessment My self I find this Pipe proposal to be so immoral that it should not be considered at all. Sinar Mas is the biggest Environmental Criminals in the world NO PIPE ever the most fair way to decide on this situation is to have a vote by all the communities along the gulf that would be affected in every Maritime Province Name: Email:

@gmail.com Address:

: Privacy-

Statement: agree x: 48 y: 20



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 7:39:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fish lobsters in LFA 25 in the Northumberland strait that much effluent being pumped into the Northumberland strait will kill millions of lobster larva. this much fresh water introduced into the Northumberland strait will have very negative affects on our fishing industry Name: Email:  
@hotmail.com Address:

Privacy-

Statement: agree x: 47 y: 27

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 9:42:41 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need to protect and save this planet and environment. Meeting regulations does NOT always mean protecting the environment. You need to shut down this place. Releasing toxins into the land and water does not protect the planet or humans. You should realize that you can use tourist dollars to enhance the planet. Name: Email: @yahoo.com Address:

Privacy-Statement: agree x: 65 y: 26

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:13:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe Too much risk for water quality in strait. Also too many examples of industrial screwups in past to have confidence in proposals. Ie Westray - Boat harbour - Air pollution from pulp mills Clearcutting and state of forests State of fishery caused by overfishing are prime examples  
Name:                      Email:                      @ns.sympatico.ca Address:

Privacy-Statement: agree x: 38 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 10:34:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If this pipe goes in the straight, then we are a stupid province that dosent know shit about our environment. If it goes in, lobster, herring, crab, scallops, and any other seafood will not be able to be consumed or sold. The ice flow in the spring will break the pipes, but not before all of us stubborn citizens do. Dont be fucking stupid. Name: Email: @gmail.com  
Address:

: Privacy-Statement: agree x: 80 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 12, 2019 11:59:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Im a fisherman from pictou and I have my whole world at stake here .I dont want this pipe out where i work.Lobster herring scallop are very important to me .they need to be protected from the pollution that will be pumped out of that old mill .I cant believe that this plan is even a consideration. There has to be a better way than this .I was at a meeting last year and the question was asked why cant they reuse the water .the mill guys said it was to costic to go threw the mill again .please stop this maddness from happening. Thanking you in advance  
Name:                      Email:                      @hotmail.com Address:

Privacy-Statement: agree x: 67 y: 7

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 6:30:31 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe. Stop this insanity. Close the entire operation. It's an environmental catastrophe. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 70 y: 20

**From:** @gmail.com  
**To:** [Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 7:34:33 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I would like to know and see the results of water and soil tests done on the other side of the Harvey A. Veniot causeway the lake which is the west river. I have asked DOF and DOE AND Contacted MLA office Karla MacFarlane to have this tested ...noone does this testing I was told. How come?

Name: Email: @gmail.com Address:

: Privacy-Statement: agree x: 63 y: 26

**From:** @smu.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 7:38:09 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Some jobs are simply too expensive. These jobs have already cost lives and Northern Pulp if it is allowed to pump poison into the Strait will cost many many more jobs, and unacceptable health an environmental impacts. Someone needs to add up the cost per job over the next 20 years.

Name:      Email:      @smu.ca Address:

: Privacy-

Statement: agree x: 43 y: 14



**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 8:49:29 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am concerned for the health of the PLFN, the fishing industry, tourism, watersheds for surrounding area, fish/shellfish/larvae. This neweffluent system needs to have a federal assessment! Do not sacrifice so much for a mill that has long passed its prime - Time for our leaders to do the right thing! Name:                      Email:                      @live.ca Address:

Privacy-Statement: agree x: 61 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 9:33:51 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Composition of untreated effluent is not something that should be remotely considered to be dumped into any waterway, lake, river, stream or ocean. In this day and age, I cannot get my head wrapped around the fact that the government is not acting on this irresponsible, known polluter, in a very aggressive manner to get them to STOP polluting and adversely affecting the environment!! The people of Nova Scotia are outraged that Northern Pulp is planning this disaster. Wake up Dept of Environment, Dept of Fisheries....our Strait needs you!! Name:  
Email: @hotmail.com Address:

: Privacy-Statement: agree x: 63 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:16:16 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a 19th century solution to a 21st century problem. If the best you can come up with is a pipe to hide your mess offshore, then you should close the damn plant. You could do better, with some rational thought and expense. If the economics dont work , then let the wonderful free market offer its solution and close. Name: Email: @gmail.com Address:

: Privacy-Statement: agree x: 64 y: 24

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:38:40 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Stop enabling this life-killing industry! Grow a set and stop this foolishness! you cant eat or breath money and Im tired of our governments supporting polluters. Enough!!! Name: Email:  
@hotmail.ca Address:

Privacy-Statement: agree x: 58

y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:42:09 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is criminal, that a government would allow this pollution to continue. I live down wind of this facility, please stop poisoning my children Name: Email: @gmail.com  
Address:

: Privacy-Statement: agree x: 66 y: 36

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:45:35 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern pulp will not change to an effluent free process, they should either be regulated into submission, bought out and run by the government, or expropriated for polluting the entire Northumberland Strait and likely the Gulf of St Lawrence. To bad for Northerns profits and downtime - call their bluff on no pipe = no mill. If they want the pulpwood, they can play by the rules. Legislate them into a closed system paper process or tell Northern to go elsewhere but leave the mill But the pipe into the Strait will devalue and destroy major sustainable fisheries, will be a blight on the region, and will have health consquences for the population as well. Name: Email:

@yahoo.com Address:

Privacy-Statement: agree

x: 51 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:48:06 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Im worried about the unknown characteristics of the effluent. Name: Email: @gmail.com  
Address:

: Privacy-Statement: agree x: 43 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:50:45 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: How can this be approved? You dont even know what is in the effluent that is being dumped Name:

Email: @gmail.com Address:

:

Privacy-Statement: agree x: 49 y: 24



**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 11:26:46 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: short term monetary gain at the expense of human, fauna and flora viability on this planet cannot continue to push the discussion. jobs, corporate profits and activities continuing as normal are all red herrings. life over money must be recognized as the real issue here, both in the short term and in the long term. Name:           Email:           @ns.sympatico.ca Address:

Privacy-Statement: agree x: 35 y: 18

**From:** gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 12:35:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Wondering how these process is safe when we don't even know the contents of the effluent that is supposedly harmless and won't affect the marine life within the Northumberland Strait Name:

Email: @gmail.com Address:

:

Privacy-Statement: agree x: 69 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 1:16:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Totally irresponsible treatment of the marine environment by a single business that may have permanent effects on the largest export industry in Nova Scotia. Name: Email:

@gmail.com Address:

: Privacy-Statement:

agree x: 60 y: 1

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 1:38:31 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: THE TOP 5 REASONS TO SUPPORT #NOPIPE 1. For your HEALTH The composition of the toxic effluent will contain dioxins, furans, metals, 1000KG of solids and other contaminates at 90,000,000 Litres PER DAY. Dioxins and Furans can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water. The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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. It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area. <http://ec.gc.ca/inrp-npri/donnees-data/index.cfm> <https://www.nrcm.org/cleaning-up-maines-dioxin-problem> [https://docs.wixstatic.com/b61814\\_40a0f43682ee45d99af01fb](https://docs.wixstatic.com/b61814_40a0f43682ee45d99af01fb) 2. For the overall ECONOMY The proposed treatment system runs the risk of harming three lifelong Industries worth close to \$4 Billion dollars to the Nova Scotia economy. The tourism industry is worth \$2.7 Billion and prides itself on warm, clean water and world class sandy beaches. The Commercial Fishing Industry is worth over \$1 Billion and prides itself on sustainable wild shellfish that is shipped all across the world. The Sport Fishing industry is worth \$56 Million and the Northumberland Strait is home to the last remaining stable Atlantic Salmon stocks on mainland NS. All of this is at risk due to 32,000,000,000 Liters of waste water PER YEAR that will be 37 Celsius that will contain deleterious substances harmful to Fish species and humans. [https://docs.wixstatic.com/b61814\\_246fdf7e04a64e239be0fb](https://docs.wixstatic.com/b61814_246fdf7e04a64e239be0fb) <https://novascotia.ca/news/release?id=20180222001> [https://docs.wixstatic.com/b61814\\_f856b6a7c7b34ffb9eba165](https://docs.wixstatic.com/b61814_f856b6a7c7b34ffb9eba165) 3. For the ENVIRONMENT Meeting Regulations DOES NOT Prevent Harm Nova Scotia and the Northumberland Strait has many great resources. However, they are at risk with the proposed Effluent treatment process. As it stands right now, there are no CCME guidelines established for Marine Environments for some of the different chemicals and compounds that make up the pulp mill effluent. Pulp and Paper Effluent Regulations PPER in Canada cover two matters total suspended solids TSS and biochemical oxygen demand BOD. Even though total discharges of TSS and BOD in pulp and paper effluent decreased by approximately 90 and 97 respectively from 1970-2008, 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. This information led the federal department of Environment and Climate Change to undertake a modernization review of pulp and paper effluent regulations in 2017. Results from EEM studies and the changing realities of the pulp and paper industry indicate a need to modernize the PPER to improve environmental protection, the department states. If meeting regulations is not enough to prevent harm, neither is passing toxicity tests. Only one toxicity test is required under Canadian pulp and

paper regulations. The required LC-50 test is for acute lethality. For this test, an effluent is considered acutely lethal if the treated effluent at 100 concentration kills more than 50 of the Rainbow Trout exposed to it during a 96-hour period. Long-term effects, including impacts on reproduction or growth, cumulative impacts on fish habitat and the larger environment or accumulation of substances harmful for human consumption are not regulated under the PPER. Testing for environmental effects is required for information purposes. Only two mills in Canada test for and report impacts of effluent on the usability of fish resources by humans. Effluent from pulp and paper mills is regulated at the federal level principally by the Pulp and Paper Effluent Regulations PPER, which form part of the Fisheries Act. The standards that apply to pulp effluent today were adopted in 1992 and have remained unchanged for 25 years. Highly toxic dioxins and furans are regulated under a separate Act. 70 of pulp paper mills are having harmful effects on aquatic life and habitat despite meeting current regulations . 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. For 25 yrs the regulations that apply to pulp effluent have remained unchanged. Provinces may go beyond Federal standards and adopt stricter regulations for effluent from pulp mills. British Columbia, Alberta, Ontario and Quebec have adopted stricter regulations. Nova Scotia does not have regulations, but sets limits through individual industrial approvals. The EU has more protective regulations than Canada does. [https://drive.google.com/â?/1H1HltUnh9Oem\\_KpPHwxmye7z5â?/viewâ?](https://drive.google.com/â?/1H1HltUnh9Oem_KpPHwxmye7z5â?/viewâ?) 4.

New treatment Facility is NOT BETTER Northern Pulpâ?Ts proposed new effluent treatment facility differs from the present facility in a number of ways. In the present system, untreated effluent is piped from the mill to the north settling ponds at Boat Harbour, where it remains for 12 hours for primary treatment. It then moves to an aerated stabilization basin where effluent is placed in contact with micro-organisms. The effluent remains there for 8 days for secondary treatment. After 8 days, the effluent is discharged from the aeration basin at what is known as Point C, and treatment is considered finished. At point C, samples are taken for testing to determine whether the treated effluent meets regulations. POINT C is also a DEAD ZONE!! After point C, the effluent enters the 300-acre Boat Harbour lagoon, also known as Boat Harbour Basin. Boat Harbour Basin was initially used as a stand-alone effluent treatment facility. In 1972, settling ponds and an aerated stabilization basin were constructed to meet stricter regulations for pulp effluent treatment. Additional aeration and other upgrades were added from 1992-1996, as the federal government again adopted stricter regulations. The lagoon at Boat Harbour has not been officially part of the effluent treatment system since 1972. Official or not, treated effluent remains in the lagoon for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials takes place during that time. This is referred to as "polishing" or tertiary treatment. Natural springs and surface run off further dilute the effluent. According to Northern Pulpâ?Ts figures, during the time in Boat Harbour Basin, total suspended solids TSS and biochemical oxygen below the proposed water quality standard of 1.â? The Stantec Preliminary Receiving Waters Study, August 2017, illustrates the same lack of dispersion. Treated effluent has never flowed directly into the deeper waters of the Strait. From its discharge at the shoreline, after 20-30 days in Boat Harbour Basin, tides and currents further break down, dilute and settle contaminants before they reach the deeper waters of the Strait. It is misleading to imply that effluent from the proposed new system pumped directly into the fishing grounds of the Strait within 24 hour that contains almost 1000kg of solids will have the same impact as the effluent which

presently enters the Strait at the shore edge, hugs the shore and recirculates in and out of Pictou Harbour. Further to this, the same proposal was rejected in 1994 for the same concerns!! <https://theyee.ca/?!/Pollution-Nova-Scotia-Pulp-Mill-Sink?!/â?/> [https://docs.wixstatic.com/?!/b61814\\_ab61cca668f1432f890d2d0?/](https://docs.wixstatic.com/?!/b61814_ab61cca668f1432f890d2d0?/) 5. Better return for your TAX DOLLARS Nova Scotians are on the hook for the Boat Harbour clean up which is expected to be close to half a billion dollars once remediated. They also paid for the design process of the proposed effluent process at a cost of \$6 Million dollars and will be expected to cover the construction, installation, labour etc for the proposed pipe estimated at \$100 Million dollars. Further to that \$127 Million dollars of NS Tax payers dollars have been given to the mill in the last several years. Meanwhile we have doctors over worked and leaving our province. We have ER closures and very long wait times for treatment and care. Our Education system is also at its max with constant cuts. Funding for Seniors and Veterans as well as many more public programs and services would benefit from the large sums of NS tax dollars instead of it going towards Northern Pulp. <https://www.halifaxexaminer.ca/?!/northern-pulp-scotsburn-â?!/â?/> <https://www.halifaxexaminer.ca/?!/health-care-crisis-check?!/â?/> #NOPIPE [https://novascotia.ca/?!/Replacement\\_](https://novascotia.ca/?!/Replacement_)

Privacy-Statement: agree x: 70 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 1:42:10 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There has been too much pollution and destruction already. Better to close this pulp mill completely and train employees in more sustainable and much less harmful enterprises including hemp and bamboo production solar, wind and water energy production organic/forest/permaculture/biodiverse farming, etc. Government can support the solutions to nature's current degradation, rather than waste our money on harmful practices. It would be disastrous to continue this project. Please shut them down! Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 67 y: 20

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 1:42:18 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: This treatment facility will be a major upgrade to an already widely accepted and used technology. The effluent will be safer and cleaner than what is already meeting and exceeding federal regulations. After reading through the application documents, it is evident that the company has explored all options and clearly explained how they arrived at the BAS system one that is used and proven in pulp mills all over the world. Name: Email: Address:

: Privacy-

Statement: agree x: 76 y: 24



**From:** @cogeco.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 2:11:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The past damaged to this area is well recorded and we are shocked at the lack of past control by both Federal and Provincial governments and is certainly not acceptable. We must end this problem now and be more diligent in future environmental problems before they are allowed to happen. Name:  
Email: @cogeco.ca Address:

Privacy-Statement: agree x: 57 y: 19

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 2:17:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: February 11, 2019 Nova Scotia Environment re: New Effluent Treatment System / re: Northern Pulp Iâ?ve watched in amusement these past several years, as various groups have stated â?oMistruthâ?Tsâ? â?oFear Mongeringâ? to persuade residents that the Northern Pulp, Pulp Mill is the cause for every hardship health issue that they currently have. Starting with â?oAir Qualityâ? , they stated that people were â?odying in the streets in the town of Pictouâ? , that residents must wear â?oGas Masksâ? to survive. In my 54 Years living in Pictou County, never once have I witnessed people dying in the streets. And now that Northern Pulp has installed a new â?oPrecipitatorâ? , I now see the â?oPlumeâ? coming from Northern Pulp is much smaller, I suspect the system is working as it should, would suspect that this new system is meeting Nova Scotia Canadian Standards Regulations for Recovery Boiler Precipitator Emissions. Since that attempt didnâ?Tt close Northern Pulp down, now the groups are again using â?oMistruthâ?Tsâ? â?oFear Mongeringâ? to persuade the public that Northern Pulp now wants to dump â?oEffluent into the Northumberland Straitâ? , imagine!!! Suggesting that this is â?osomething newâ? and that it will ruin the water quality, beaches, property values, and Kill or damage the marine habitant. They forget to tell the public that Northern Pulpâ?Ts effluent has been discharging from Boat Harbour to the Northumberland Strait for the past 50 some years. For those past 50 years, Effluent has been mixing in with the Northumberland Strait sea water, past the various Beaches, Cottages, and the very lucrative fishing grounds, and hey, weâ?Tve been eating the fish, lobster, clams, etc., all that time. I believe these groups are doing more harm to the county province than Northern Pulp, especially when they advertise to the media those â?oMiss Truthâ?Tsâ? , which, may prevent tourists from visiting, spending their money here, or the potential new-comer, that wants to move here, but hears this groups â?overbal diarrheaâ? moves elsewhere. Nice Job Jill Matt. Northern Pulp has been purchased a couple of times in the past 15 to 20 years, they now have a new owner that wants to improve the Norther Pulp Mill, make it â?oWorld Classâ? , improve the â?oAir Effluentâ? emissions, wants to be a better business partner in the community. Itâ?Ts my understanding that the new Effluent Treatment System would be built on company property, and that once built, only treated effluent would be pumped off the property to the Northumberland Strait, thereby removing the possibility of â?oun-treated effluentâ? ever reaching salt water. Iâ?Tve seen how difficult it is when my son, son-in-law, neighbours friends have to â?oGo Westâ? for good paying jobs. Sure, most go for a couple weeks then are back home for a couple, but some of them move their families out there too, will they ever be back at some point? While their gone, theyâ?Tre no longer paying taxes here, purchasing those big items, or those everyday items. So whoâ?Ts left to pay taxes for Schools, Roads, Health Care, etc. That leaves fewer residents to pay, resulting in higher taxes!! Now is the time for someone to bring these two groups together, to discuss this matter in a civil, courteous way, and work to get along. Usually I would suggest a Premier, MLA or the like, but they all seem to be fearful for their Jobs, as this has been â?oblown out of proportionâ? . Possibly a Judge would be the answer, then both groups would have to remain quiet in the courtroom, of course when speaking to the Judge, they would have to tell the truth!! prove what they are stating is true!! To the Environment Minister, I want my support to go to Northern Pulp, for the Department of the Environment to grant the Industrial Approval, to grant an operating extension to allow time to build the New Northern Pulp Onsite Effluent Treatment System, and to get that effluent treatment system operational, provided the science behind the project

backs up the proposal, and that the system, once built is monitored operated to the Nova Scotia  
Canadian Pulp Mill Effluent Standards Regulations. Name: Email:

@yahoo.ca Address:

message: Privacy-

Statement: agree x: 47 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 2:19:22 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: February 11, 2019 Nova Scotia Environment re: New Effluent Treatment System / re: Northern Pulp Iâ?ve watched in amusement these past several years, as various groups have stated â?oMistruthâ?Tsâ? â?oFear Mongeringâ? to persuade residents that the Northern Pulp, Pulp Mill is the cause for every hardship health issue that they currently have. Starting with â?oAir Qualityâ? , they stated that people were â?odying in the streets in the town of Pictouâ? , that residents must wear â?oGas Masksâ? to survive. In my 54 Years living in Pictou County, never once have I witnessed people dying in the streets. And now that Northern Pulp has installed a new â?oPrecipitatorâ? , I now see the â?oPlumeâ? coming from Northern Pulp is much smaller, I suspect the system is working as it should, would suspect that this new system is meeting Nova Scotia Canadian Standards Regulations for Recovery Boiler Precipitator Emissions. Since that attempt didnâ?Tt close Northern Pulp down, now the groups are again using â?oMistruthâ?Tsâ? â?oFear Mongeringâ? to persuade the public that Northern Pulp now wants to dump â?oEffluent into the Northumberland Straitâ? , imagine!!! Suggesting that this is â?osomething newâ? and that it will ruin the water quality, beaches, property values, and Kill or damage the marine habitant. They forget to tell the public that Northern Pulpâ?Ts effluent has been discharging from Boat Harbour to the Northumberland Strait for the past 50 some years. For those past 50 years, Effluent has been mixing in with the Northumberland Strait sea water, past the various Beaches, Cottages, and the very lucrative fishing grounds, and hey, weâ?Tve been eating the fish, lobster, clams, etc., all that time. I believe these groups are doing more harm to the county province than Northern Pulp, especially when they advertise to the media those â?oMiss Truthâ?Tsâ? , which, may prevent tourists from visiting, spending their money here, or the potential new-comer, that wants to move here, but hears this groups â?overbal diarrheaâ? moves elsewhere. Nice Job Jill Matt. Northern Pulp has been purchased a couple of times in the past 15 to 20 years, they now have a new owner that wants to improve the Norther Pulp Mill, make it â?oWorld Classâ? , improve the â?oAir Effluentâ? emissions, wants to be a better business partner in the community. Itâ?Ts my understanding that the new Effluent Treatment System would be built on company property, and that once built, only treated effluent would be pumped off the property to the Northumberland Strait, thereby removing the possibility of â?oun-treated effluentâ? ever reaching salt water. Iâ?Tve seen how difficult it is when my son, son-in-law, neighbours friends have to â?oGo Westâ? for good paying jobs. Sure, most go for a couple weeks then are back home for a couple, but some of them move their families out there too, will they ever be back at some point? While their gone, theyâ?Tre no longer paying taxes here, purchasing those big items, or those everyday items. So whoâ?Ts left to pay taxes for Schools, Roads, Health Care, etc. That leaves fewer residents to pay, resulting in higher taxes!! Now is the time for someone to bring these two groups together, to discuss this matter in a civil, courteous way, and work to get along. Usually I would suggest a Premier, MLA or the like, but they all seem to be fearful for their Jobs, as this has been â?oblown out of proportionâ? . Possibly a Judge would be the answer, then both groups would have to remain quiet in the courtroom, of course when speaking to the Judge, they would have to tell the truth!! prove what they are stating is true!! To the Environment Minister, I want my support to go to Northern Pulp, for the Department of the Environment to grant the Industrial Approval, to grant an operating extension to allow time to build the New Northern Pulp Onsite Effluent Treatment System, and to get that effluent treatment system operational, provided the science behind the project

backs up the proposal, and that the system, once built is monitored operated to the Nova Scotia  
Canadian Pulp Mill Effluent Standards Regulations. Name: Email:

@hotmail.com Address:

: Privacy-

Statement: agree x: 52 y: 19

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 2:19:40 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a disaster. Close it down. Pay workers a pension commensurate with their number of years on the job. Next.

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 2:57:43 PM

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Project: - Choose - Comments: Effluent chemical chemistry will not be known until this project is operational. Stated by Northern Pulp in their delivery of a new treatment facility. Is this a joke? WHY and HOW can this project be even considered with this stance alone. WE ARE DEMANDING A FEDERAL ASSESSMENT. Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 44 y: 13

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 4:50:42 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support the new effluent treatment plant and associated effluent pipe, as its design meets all government regulations and is critical to the economic success of Pictou county. Name:  
Email: @gmail.com Address:

Privacy-Statement: agree x: 63 y: 25



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 4:57:39 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: February 2019 Comment on Northern Pulp Replacement Effluent Treatment Plan Page 1 Bonny McTague ATTN: NS Environment Assessment  
I stand firmly against Northern Pulp's desire to pump pulp effluent into the Northumberland Strait. They are unwilling to finance a treatment which might be deemed to be safe and their new proposal most certainly will further damage our environment on an even greater scale.

ISSUE A: TRUST The AST proposed is untried at best and would require strict adherence to management of the process and honest evaluation which this Company has never illustrated. Northern Pulp is not the environmentally friendly entity it tries to portray. We have seen this evidence of uncaring in many ways. In fact, the Public have rarely been able to trust a word they say!!! When we question or ask for clarification they don't respond. Polite inquiries are ignored. They have even suspended their Final Public Consultation! Also, I must make mention of the Community Liaison Committee that NS Environment told them they must set up in 2011. It still operates ridiculously "under cover" and they chose to lie that the members were selected by the Environment Dept. when in fact handpicked by NP. The push back by Northern Pulp against the Environmental Standards imposed in 2015 by the NS Government is a great example of the lack of any environmental conscience of Northern Pulp. This is proved by Bruce Chapman's published comments CBC regarding this issue. "Too expensive etc." This is a Company, Paper Excellence/SinarMas/Asia Pulp and Paper with a very bad record here in NS and internationally on caring for the environment. Also, a fact to know is that Asia Pulp and Paper is one of Asia's largest debtors according to [www.marketwatch.com](http://www.marketwatch.com) As well, among Ten Top Corporate Criminals of 2018, listed by Global Exchange they are NUMBER ONE. Here in Nova Scotia they have been given millions of taxpayer dollars, an exact figure impossible to discern. The arrogant opinion that they are too big to fail pervades their bullying relationship with Government and Community. Bottom Line: It appears that proponents of Pulp Mills are willing to harm human health, species, and the environment. They choose to ignore these effects because of the economic benefits. Eventually NP may shut down when all the fiber is exhausted leaving behind a wasteland. This is a questionable goal however you spin it. This Northern Pulp Mill is rickety and old, 25 years past its lifespan. Only one stack has an air scrubber and the high vent roof opening is also used without emission scrubbing. When their operating permit was up for renewal in 2015, they showed little regard for our environmental standards here in Nova Scotia. Pictou area and PLFN were dangerous places to be during the times toxic chemicals in the Mills air emissions were spewed out that were 80 times the allowable limit. It had to be persistent pressure by residents to force them to comply. Many people in our area suffered from Cancers as the statistics show. Breathing issues, asthma, bronchitis and COPD are off the charts. This of course ultimately is the fault of the Province but never once did the Mill owners ever speak up and acknowledge any change was needed until forced by resident pressure. The odor is still horrendous much of the time and a huge discouragement to our Tourist Industry. February 2019 Comment on Northern Pulp Replacement Effluent Treatment Plan Page 2

We live in a beautiful historic town with fabulous scenic views. Many beautiful beaches and waterfront areas once enjoyed are in ruin. Of course, the health cases all rely on anecdotal information but recently we have learned by a published peer reviewed Scientific Study by Emma Hoffman et al, 2017 in Environmental Science Pollution Research, that cancer causing VOCs have been emitted from the Northern Pulp Mill. No upgrades to emissions are presented. Their presence has caused

massive clear-cutting of trees in our beautiful wild Nova Scotian forests which in turn has destroyed birds' nests and left no places for animals to live. We have a long list of Species at Risk here in NS. They carry out Glyphosate spraying on many hectares of woodlands every year this chemical is described by the WHO as a likely carcinogen and is banned in several countries. Their entire operation threatens the serious issue of Climate Change as trees sequester carbon. FACT: Older trees and especially hardwoods sequester far more efficiently than the young replacement trees, and future forest nutrients are lost in the remnant deadwood that we burn or pulp. Over the past 66 MILLION YEARS two major extinctions ago, the Earth has never had more CO2 put into its atmosphere per year than this year [2018]. {Zeebe et al}. We must retain Carbon Sinks, not sell them out for Toilet Paper. Northern Pulp are a heavy burden on taxpayers and excepting their wages paid out and the economy of the local NS Forest Industry their profits leave Canada lining the pockets of Billionaire owners. I realize trust is not your issue to gauge but do not be taken in by their claims. Ensure our Regulatory levels are effective, up to date and prove everything. A plan on paper or modelling is not good enough for this untrustworthy company and such a high probability of disastrous environmental consequence. I am not Scientist, I did however spend 6 years with FRB/Hx Fisheries and Oceans during the 70's as a Research Technician studying the effects of Methyl Mercury, PCBs and also Endocrine and Reproductive Changes on many species of Fish. This under the direction of

I cannot accept the claims of this Company due to the trust issue and the unknown parameters they refuse to supply. In fact, there are those in the Community who believe that the Mill has no intention of ever building this treatment. Why have they waited until now to commence and rush a process we are paying for? They had over four years to develop knowing Boat Harbour would close in 2020. We also see their poor choices of Pipe Line Route. The Caribou Route passes through two watersheds and the effluent in Caribou Harbour would be adjacent to Munroe's Island Wildlife Reserve and Caribou Park. I do not believe they will ever receive approval for this route. I have named this Wilful Incompetence if true. They will simply shut down, blame the hostility of the community and sue the NS Government for 10 years lost profit. As regards the ocean survey, even I was able to go on line and in a few minutes understand the depth and type of bottom from published Navigation Charts created by BIO Hydrographers. The present route is totally unacceptable: two watersheds on land, ice scour, dredging, lack of depth and disruption to Herring Spawning outside Caribou Harbour near outfall. February 2019 Comment on Northern Pulp Replacement Effluent Treatment Plan Page 3 **ISSUE B** Beyond the Trust Issue is the Fail Safety of this new AST System. There are only 9 Hours backup for any industrial activities that break down, then the whole untreated raw pulp effluent is dumped into the ocean. Even heavy rains may affect this ability to protect Caribou Harbour. And that figure represents 70-80 million liters of hot contaminated fresh water effluent daily containing pulp chips. In addition to Human health being impacted by the presence of toxic pulp chemicals in food fish, the other great worry is for the decline of the lucrative Fishery in the Northumberland Strait and for the health of all marine species including species of birds who prey on fish. **ISSUE C** is the known effect of Pulp Effluent on health to marine life. Death, suppressed reproduction, liver damage, abnormal growth and malformations can occur. Northern Pulp seem unable or unwilling to supply chemical components of final effluent So let's speak about what we know about pulp and paper industrial waste. Following references are reports and studies I have read. Comp Biochem Physiol C Toxicol Pharmacol. 2018 Apr;206-207:41-47. 10.1016/j.cbpc.2018.02.005. Epub 2018 Feb 27. Exposure to a Brazilian pulp mill effluent impacts the testis and liver in the zebra fish. Castro AJG1, Baptista IE1, deMoura KRS2, Padilha F1, Tonietto J1, de Souza AZP1, Soares CHL1, Silva FRMB1, Van Der Kraak G3 Decade of Research on the Environmental

Impacts of Pulp and Paper Mill Effluents in Canada: Field Studies and Mechanistic Research  
Journal of Toxicology and Environmental Health Part B 94:319-39. September 2006 by  
McMaster, Parrott and Hewett Altered Reproduction in fish exposed to Pulp and Paper mill  
effluents by LM Hewitt - 2008 - <https://onlinelibrary.wiley.com/doi/full/10.1897/07-195.1>  
by LM Hewitt - 2008 "Despite effluent improvements, effects on fish reproduction  
continue to be reported ... enhanced growth and enhanced condition that can be attributed to  
... mill effluent BKME as evidenced by decreased gonad size, decreased circulating and  
gonadal production of reproductive steroids, altered expression of secondary sex  
characteristics, and decreased egg production. Fish Testes: Pulp effluent causes them to grow  
bigger but they are less able to support reproduction. Atlantic Salmon Federation Publication  
October 19, 2018 February 2019 Comment on Northern Pulp Replacement Effluent Treatment  
Plan Page 4

The effect of reproduction on fish testes: Pulp effluent causes  
them to grow bigger but they are less able to support reproduction. Atlantic Salmon Federation  
Publication October 19, 2018A Nov 2, 2018 - Summary of effects of pulp mill effluents on  
wild fish: Summary of studies ...from pulp and paper mills affecting fish reproduction.  
Studies. An overview of recent studies on the potential of pulp mill effluents to impact  
reproductive function in fish Oct 1998 Kelly Roland, Munkittrick, Mark E McMaster, L H  
McCarthy, Glen Van Der Kraak. Deborah MacLachy, a Biologist who has studied the effects  
of pulp mills and currently serves as president of the University of Waterloo. says the two  
issues around pulp mills are that if there are large amounts of nitrogen and phosphorous they  
can cause eutrophication, which can lead to algae blooms and invertebrates changing in  
numbers and size. Eutrophication happens when an influx of nutrients causes excessive plant  
growth that in turn sucks the oxygen out of the water so that sea creatures can't breathe.  
The other issue is compounds that cause what we call endocrine disruption. So, the fish are  
bigger because of eutrophication but also their gonads are smaller and have less reproductive  
ability. As for the small gonads, the jury remains out on exactly which chemical  
compounds cause this. July 26, 2018 - Truro Daily News Speaking before the P.E.I.  
Legislature's Standing Committee on Agriculture and Fisheries Biologist Melanie Giffin,  
who works with the P.E.I. Fisherman's Association, said key Atlantic herring habitats in  
the Northumberland Strait could be threatened by the proposed Northern Pulp pipeline in  
Pictou Harbor\*. FisheryNation.com October 20, 2018 \*same effect is expected for Caribou  
Harbor due to close proximity-Pictou Harbour was the original route planned. Giffin said the  
federal Department of Fisheries and Oceans has identified key ecologically significant areas in  
the Southern Gulf of St. Lawrence. They've actually isolated three important areas in the  
Southern Gulf of St. Lawrence. And those three important areas all surround the Pictou  
Country area, she said. There are currently few spawning beds for Atlantic Herring in the  
Southern Gulf. Lady crab and winter skate populations, which are unique to the  
Northumberland Strait, are already endangered. The white hake in St. George's Bay is also  
endangered. Truro Daily News July 16, 2018 Michael Van den Heuvel UPEI  
Biologist/Researcher believes pouring between 60 to 80 million liters of treated effluent a day  
just outside the mouth of Pictou Harbour will have an effect. Yes, there is that risk. He  
believes however it will impact a small area. The question is, are the level of the effects  
acceptable to society? Maybe within 1000 Meters but nobody really knows. NP says  
effects only within 100 meters. Oddly enough however Dr [redacted] seems to be the  
only opinion that reflects a little less concern on the environmental impacts. My comments  
here: It is known that Eutrophication is deadly to the ocean. This will occur due to the addition  
of pulp chip solids 85 or less with TSS removal to the ocean to rot and consume all the  
oxygen. No oxygen, nothing lives and dead zones grow. The new system effluent treatment  
will produce far more solids than the old method which settled most of this material in Boat  
Harbor, 1000 kg solids minimum per day is the least load expected to be discharged The

Construction phase of this pipeline obviously will endanger marine life. February 2019 Comment on Northern Pulp Replacement Effluent Treatment Plan Page 5

2015 Toxic Legacy project - documents gathered by Kings Journalism students to write the history of Boat Harbors treatment facility. Joan Baxter's Book "The Mill" contains much information that has informed my opinions. It contains 900 End Notes, many are for Scientific Studies. "Herring Spawning Beds are within ½ mile of the outfall, Oyster Fishery, Lobster Fishery, and Scallop Beds will all be negatively impacted. Contaminants on bottom will spread. Fish will die or migrate elsewhere. Dennis McGee NS Fleet Planning Board and Fisherman testifying to PEI Legislature Committee Feb. 8/19 created to understand deleterious effects to Fishery and demand a Federal EA of Northern Pulp's New Effluent Plan. Blacklocks reports that a New Environment Canada study IDs malformed fish from pulp mill effluent. 21 May 2014 [www.blacklocks.ca](http://www.blacklocks.ca) Fisheries and Oceans Canada. In the Maritimes, exposure to municipal wastewater or bleached kraft pulp mill effluent altered immune function in bivalves" Environmental Reviews, 2008, 16NA: 19-44 by Catherine M. Couillard, Simon C. Courtenay, Robie W. Macdonald We have learned from Scientific Study in Pictou Harbor that pulp effluent has caused anemia in Blue Mussels. Detecting p-53 family proteins in haemocytic leukemia cells of *Mytilus edulis* from Pictou Harbor, Nova Scotia, Canada by S D St-Jean, R E Stephens, S C Courtenay, C L Reinisch Canadian Journal of Fisheries and Aquatic Sciences, 2005, 629: 2055-2066, reviewed by Aiken and Waddy, 1986a. Industrial discharges, such as bleached kraft mill effluent, potash brine, and drilling muds, have been identified as causes of reduced survival, growth, and regeneration, changes in ATPase activity, increased oxygen consumption, increased susceptibility to disease, thinning of shells, morphological abnormalities, inability to molt, and changes in behavior in *Homarus americanus*. A GOOGLE SEARCH OF WIKIPEDIA reveals: Wastewater discharges for a pulp and paper mill contains solids, nutrients and dissolved organic matter such as lignin. It also contains alcohols, chelating agents and inorganic materials like chlorates, also transition metal compounds and organochlorine compounds. January 14, 2018 NG News: Dr. Michelle Gray is an assistant professor at the University of New Brunswick where she teaches environment and ecosystem management. It is her opinion that "there is still some evidence of environmental impact." She explained an impact on reproduction with fish near waters impacted by pulp effluent often having smaller gonads and maturing later. Nutrient enrichment can lead to more environmental problems such as depleted oxygen levels.

February 2019 Comment on Northern Pulp Replacement Effluent Treatment Plan Page 6

Prevent Cancer Now has written to request the designation of the proposed Northern Pulp Mill renovations for a Federal Regional Environmental Assessment. Although toxic air emissions are reported to have affected local residents for decades, we are writing specifically regarding the new Effluent Treatment Project proposal to close the Boat Harbour containment facility and to discharge 70-90 million liters per day of warm effluent contaminated with toxic and persistent substances via a new pipeline directly to the rich marine environment, on the bed of the Northumberland Strait. 2018 Review on Toxicity of Paper Mill Effluent on Fish Sangeeta Dey, Manabendra Dutta Choudhury and Suchismita Das\* Life Science and Bioinformatics, Assam University, Silchar, India Bulletin of Environment, Pharmacology and Life Sciences Vol 2 3 2013 17 to 23 Online ISSN 2277 \*email: [das\\_aus11@yahoo.co.in](mailto:das_aus11@yahoo.co.in) corresponding author ABSTRACT . . . . . Pulp and paper mills, controversially, are one of the largest and major contributors of pollution in aquatic environments, affecting aquatic organisms in general and fishes in particular. . . . . Many chemicals have been identified in effluents which are produced at different stages of paper making. Their toxic nature is derived from the presence of several naturally occurring and xenobiotic compounds which are formed and released during various stages of paper making. The pulp and paper mills rank high in terms of water use during paper production on the other

hand they contribute to pollution loads in rivers through effluent discharges. Waste and wastewaters are generated from both of pulp and bleaching processes. The major problems of the wastewaters are high organic content, dark brown coloration, adsorbable organic halide and toxic pollutants. Toxic dyes, bleaching agents, salts, acids and alkalis are present in effluents discharged from pulp and paper industries. Heavy metals such as cadmium, copper, zinc, and chromium are present in pulp and paper mill effluent that are ultimately released into aquatic Environment. Dichloroguaiacol, trichloroguaiacol, tetrachloroguaiacol and chlorinated phenols are major contaminants found in the effluent released from pulp and paper mill. Another Scientific reviewer of this subject is Walden 1976. Adoli et al. 2011 reported that mean concentrations of Cd, Cu, Cr, and Zn in mosses 1 km radius of a pulp mill were significantly higher than reference stations, suggesting atmospheric emissions from pulp mills may also contribute to local metal loadings. Atmospheric deposition of metals via the mills smoke stacks may likely continue post remediation, despite installation of a precipitator in 2015 Hoffman et al. 2015 My Words This may prove that AST treated effluent testing alone cannot be trusted to determine harm. Emission can contribute. As well, burning chemical laden sludge as a treatment method will prove very harmful to air quality and Northern Pulp has offered no data to assure us otherwise. Dilution is not the solution. It must not be considered a treatment approach. In the moment perhaps, but clearly common sense tells us the same amount of pollutants are expressed, only over a longer time frame. The test of fish lethality in a bucket of effluent is unreliable. February 2019 Comment on Northern Pulp Replacement Effluent Treatment Plan Page 7 Issue D Achieving a Sustainable Future: Draft Strategy Canadian Environmental Protection Act, 1999 A Federal Sustainable Development Strategy for Canada states: marine pollution means the introduction by humans, directly or indirectly, of substances or energy into the sea that results, or is likely to result, in a hazards to human health b harm to living resources or marine ecosystems c damage to amenities or d interference with other legitimate uses of the sea. I do not believe that Northern Pulp Effluent can meet these requirements. They have displayed no monitoring credibility illustrated by undetected pipeline leaks and large air emission gaffes. In fact, the Mill displays all of the above noted dangers. Their proposal is not acceptable today or into the future. Summary: It is incredulous that proven damage by this industry world wide does not inform the Residents, Government and the Scientific Community that the harm to human health and the environment cannot be overlooked because of the social or economic benefits. There must be no effluent pipe approved for Caribou Harbour, Pictou Harbour, or any part of the Northumberland Strait. It is time we begin to remediate the damage caused in the past. To know better is to do better. The onus is on the Company to demonstrate the absence of adverse effects and Northern Pulp has failed miserably in this regard with a plan only on paper, lots of paper! Finally, it seems compliance to all laws and regulations is largely reliant on self-reporting or third parties hired by the Mill bringing us back to the serious lack of trust issue. The Precautionary Principle can rule here. If there is a lack of full scientific certainty, we must err on the side of caution. ... This participant stands firmly by this principle. Bruce Hatcher, a Cape Breton University biologist, also agrees-North Shore News Nov 29th 2018. While I acknowledge the limitations of presenting data due to Northern Pulp not supplying their treatment information up front and this has made precise assessments by residents challenging, one absolute truth remains: Boat Harbour must be closed by January 2020 and the Pulp Mill by their own incompetence will not have a place for effluent to go. PLFN citizens must never be taken advantage of again. They have suffered far too long! I believe our forest Industry will re-organize and rebound. I also support a Federal Environmental Investigation being conducted on this matter. All three Maritime Provinces are impacted by environmental damage to Northumberland Strait including First Nations Fishers. Thank you for this opportunity. Digital comment has been forwarded to NS Environment on

February 13, 2019

Name:

Email:

@hotmail.com Address:

Privacy-Statement:

agree x: 66 y: 16

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 6:29:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: They need to build a closed loop treatment plant. Time to stop poluting our environment. Name: Email:  
r@yahoo.com Address:

Privacy-

Statement: agree x: 59 y: 6

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 6:41:10 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support Northern Pulp and its new Effluent treatment facility and pipe outfall. It would have a disastrous economic impact on Pictou County, and in turn the province of Nova Scotia. Name: Email:  
@gmail.com Address:

: Privacy-Statement: agree x: 58 y: 20



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 7:27:13 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe it will kill and  
we will not be able to swim or fish Name: Email: @hotmail.com  
Address:

Privacy-Statement: agree x: 62 y: 35

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 8:17:13 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My name is , I want to continue swimming in our beloved Northumland St,I swim from late May to late September dayly many times yes I love the beach and swimming as do my children and grandchildren our happiest times are spend there.My father fished lobster and now brothers, brother in laws, Uncles,and cousins.I feel sick, very sick that our lives will be in constant turmoil over this treatment facility pumping toxic waist into the Northumberland St, like many other areas it will become a dead zone.When you are raised in such a beautiful place it will break My heart to witness it distroyed! When I cant take any more My 23 aches of land on the Northumland St will be wortless, Please, Please help!#Raisedonthenorthumberlandst Name:  
Email: @gmail.com Address:

: Privacy-Statement: agree x: 46 y: 41

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 9:34:06 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Iâ?Tm in full support of Northern Pulp, and feel that people truly underestimate the need for this mill in our province! I approve. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 57 y: 25

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:13:23 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: NoPIPE please! I fish lobster in the strait. My family has for 100yrs. I also work in the woods and need NP for contracts. That said, I still NEED to BEG FOR NO PIPE!!! Please! Name:

Email: @hotmail.com Address:

Privacy-

Statement: agree x: 34 y: 26

**From:** @vianet.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:14:47 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Life in all its forms needs protection from the deleterious effects of pollution of all kinds. Money does Not.!!

Name:                      Email:    @vianet.ca Address:

:

Privacy-Statement: agree x: 72 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 13, 2019 10:23:38 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Requires a FEDERAL level enviro assessment! Leaving everything in the hands of the NS govt ia like asking a fox to report every chicken he takes! Name:           Email:           @hotmail.com Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 42 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 12:12:31 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: 100 for np trying to clean up. Give them the time they need Name: Email:  
@gmail.com Address: Municipality: Postal-Code: Phone:  
Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 43 y: 41

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 6:09:33 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I can not understand how it could be acceptable to dump anything into the northumberland strait when other business/private citizens can not dump into rivers/lakes or streams. If you disturb a small stream while working in the gravel business you will be required to pay fines and not continue the practice but in this case you can dump water at 37 degrees containing elements not normally part of this ecosystem. How can this even be considered an option in 2019! Name:

Email: @gmail.com Address:

: Privacy-

Statement: agree x: 55 y: 21



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 8:16:11 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Very pleased to see that the EA has been submitted. It is quite the document my husband is reading it and has been explaining the project to me as he goes along. Very impressive project and I wish the company and employees of Nothern Pulp much success!! Our family would definitely like to remain here, without the project going through that may not happen. All the best!! Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 70 y: 19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 8:55:56 AM

---

Project: - Choose - Comments: How can you even consider this when northern pulp canâ?Tt  
even tell what will be in there waste water ? Name: Email:  
@gmail.com Address:

: Privacy-

Statement: agree x: 68 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 10:59:15 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp's operation does not run at a "steady state" . Meaning chemical composition and temperature are inconsistent with the effluent as it leaves the plant. Until there is a consistent output , no system can effectively treat this effluent. This is known to the industry and NP. This means major upgrades are required at the NP plant prior to ever discharging any effluent, so you know exactly the quality of effluent you are treating and exactly what will enter the Norhumberland Strait. By their own admission in their submission, they do not know! The submission by Northern Pulp is a pro mill propaganda piece not a report grounded in independent scientific analysis. We can not afford mistakes of the past, open this up to independent oversight presented in a public forum. There are much bigger risks than the short term effects of mill jobs, many more people's jobs, health and quality of life are at stake for generations. The NP mill is old ,tired and a blight on our beautiful province. REJECT THE PROPOSAL Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 54 y: 27

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:42:10 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: NP has no idea exactly what is in the effluent, so how can they say it will not affect the marine life? Name:

Email: @msn.com Address:

: Privacy-

Statement: agree x: 44 y: 30

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:43:49 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I may be wrong, but all the so called data I see is older data. Things change, tides, marine life, environment, etc. Where is the recent data on short term and long term affects on the marine life Name:

Email: @msn.com Address:

: Privacy-

Statement: agree x: 54 y: 19

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:44:54 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: They have had leaks in the past and have tried to down play them. They did not even know they were there. How can we know for sure that if there is a leak, they will find it, fix it before any damage? Name:  
Email: @msn.com Address:

Privacy-Statement: agree x: 52 y: 30

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:45:57 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: they have lied, manipulated facts, and tried to hide their failures, including NOT reporting failed stack tests, how are we suppose to believe them? Name: Email: @msn.com  
Address:

: Privacy-Statement: agree x: 75 y: 19

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:48:25 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: they keep saying best available science which is what they said for boat harbour. When asked directly if they could say for sure there will absolutely be no ill affects on the Strait, they said they cannot say that with 100 percent certain. They are using best available science to get them out of it in the future Where is the actual science? where is the short term and Long term studies???

Name: Email: @msn.com Address:

:

Privacy-Statement: agree x: 45 y: 23



**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:50:43 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: They keep saying that this is the best available treatment facility and is used across canada. They do not seem to want to look at anything else, including closed loop. Boat Harbour was the best available plan at the time and was used across Canada, look how that turned out Name: Email:  
@msn.com Address:

: Privacy-Statement: agree x:

55 y: 31

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 1:52:58 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: They have been complaining that they need more time. They had over 5 years as they knew they would have to come up with something else. Instead of actually coming up with ways to complete this , they concentrated more on bullying, lying, manipulating, and looking to extensions on the Boat Harbour. How can we believe anything they say??? How can we believe anything the Provincial Government says as they kept Boat Harbour going??? Name: Email:

@msn.com Address:

: Privacy-Statement: agree x:

82 y: 32

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 4:00:42 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: There certainly is a significant amount of information in these documents. After hearing lots about this project, it is interesting to see the complete package. I have several comments: 1. The meeting of TSS, DO, pH and salinity within 2 meters and Colour within 5 meters as well as temperature within 100 meters seems to be an excellent result. Especially considering the size of the body of water. 2. BOD being below 20 of Federal regulations and TSS being below 15 of Federal regulations indicate good performance in my mind. 3. The use of similar systems for similar operations in Scandinavia should be seen as a positive indication. 4. Even though effluent has been entering the Strait for 50 years, there appears to be a strong fishery. All evidence points to a continued strong fishery with a new treatment plant. 5. Significant study appears to have been done for all aspects of the environment, including birds, turtles, plants, etc. Studies show no significant impact. 6. There appears to be a mitigation plan for all foreseeable events during construction and operation. 7. The choice of material for the new pipe seems appropriate. 5 cm thick pipe that is not susceptible to corrosion or decay. No thermal growth and flexible. 8. A significant spill basin to collect any effluent not meeting limits. This seems like a well prepared document that should answer all reasonable questions and concerns. Based on this, I can see no reason not to proceed. Name: Email: @ns.sympatico.ca  
Address: Municipality: Postal-Code:  
Privacy-Statement: agree x: 72 y: 27

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 4:17:50 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp should be given extra time to build an effluent pond to deal with their waste water from the pulp mill. This plan should however include the no dumping of treated water in to the Northumberland Strait. This treated waste water should be so pure as to it being put into Pictou sewage plant would cause no further contamination than the treated waste water from the Pictou sewage treatment facility. There should be a full federal environmental assessment done to ensure nothing is going into the Northumberland Strait directly from Northern Pulps treatment ponds.

Name:                      Email:                      @ns.sympatico.ca Address:

Privacy-Statement: agree x: 63 y: 28

**From:** @membertou.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 4:19:11 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I grew up in Pictou Landing First Nation and hunted, trapped and frequented the Boat Harbour property a lot while growing up there. What I saw was horrible. I saw animals with massive lesions on them as well as missing tails that would not heal. the boat harbour fog would peel pain off houses so the community began to use vinyl siding. Many people in Pictou Landing could not go out when the fog had rolled in off of Boat Harbour because of how hard it was to breathe. When you look at the population of PLFN there is a high amount of cancer which may not be related to Boat Harbour but when you look at other communities of similar size that is not an issue like it is in PLFN. Fish kills were frequent near the release point into the Northumberland Strait not in boat harbour yet no explanation was given other than they suffocated. Fish do not suffocate in water. My family told me many stories of how they were promised that nothing would happen to our fisheries, hunting and gathering lifestyles but the day the effluent started to pour into Boat Harbour is the day that all fish died massive fish die off occurred and so with it went our lifestyle. We now cant take anything from in or around the effluent. moving the effluent to another area without eliminating 100 of the risks to harm the fishing industry, tourist industry or the Rights of the Mikmaq to gather food for personal use, social use or ceremonial use in and around the Northumberland Strait area should be closely monitored by the federal departments of Fisheries and Oceans and the Indigenous Affairs departments. Impacting our FSC Rights should not occur because the SCC protects those Treaty Rights and if they are impacted in any way then the Federal Government should defend our Rights because they have a fiduciary right to protect the Mikmaq and the treaties we signed. Name:

Email: @membertou.ca Address:

Privacy-Statement: agree x: 73 y: 23

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 7:33:09 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: They are trying to clean it up , if you let the opinion of a few uninformed individuals affect the lives of many hard working people, you are just as ignorant as everyone thinks you are Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 52

y: 25

**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 9:01:32 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel this project is well designed and thought out. The science will prove this is the best way forward. As one of the most common type of systems used in any waste treatment plants wether it be industrial or municipal. Bad blood canâ?Tt be the way forward it must be based on fact not the fiction in the news with no merit. I believe the issues in the northumberland Strait are much deeper than one single plup mill. The province of PEI with its fertilizer run off is just as bad or far worst. Please base your findings off of facts and science not the fiction being betrayed in the mainstream media

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 10:06:41 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Jobs at the Mill and the Forestry Sector are to important to have displaced, by any length of Shutdown of NP. The New Treatment Process is proven to be effective in other Mills Globally. There is absolutely no reason to change any assessment testing that had been agreed to earlier in this legislation to close Boat Harbor, so if the process of assessing is changing then the Date of Closure for Boat Harbor needs to be adjusted also. Good paying jobs matter. Get the New Effluent Treatment System Approved Now... Name: Email: @eastlink.ca Address:

: Privacy-Statement: agree x: 46 y: 22



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 14, 2019 10:07:31 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not let NP go forward with their pipe proposal. Insane...for so many reasons. Taxpayers deserve better. The health of our community deserves better. We are dying here. There are days when I cannot breathe. Name: Email: @gmail.com Address:

e: Privacy-Statement: agree x: 77 y: 21

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 12:22:38 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The content and length of this proposal are beyond my ability and presumably that of most of the public to fully review and analyze, so my comments will focus on the proposal and review process rather than the content of these documents. - With the province on the hook for an unknown amount of money related to ending the boat harbour lease, which seems to be dependant on the cost of building this new facility, there appears to be a conflict of interest / potential bias in also having the provincial government acting as the sole reviewer of the environmental assessment. The close connections between Northern Pulp's lobbyists and the current liberal government only add to this concern. - Regardless of any pressure related to the deadline for the closure of boat harbour, the proper amount of time needs to be taken to complete reviews, and if needed, to redesign the proposal. Based on their own public engagement materials, Northern Pulp did not initiate an environmental assessment until 2 years after the Boat Harbour Act was passed. They have now submitted their last minute proposal only after already stating that they will not meet the deadline, putting increased pressure on the assessment to pass or further delay the project. Their failure to expedite the project should not allow them to bypass a thorough review. - The loss of the mill, either temporarily or permanently, would certainly have a negative effect on mill employees and the local forestry industry, but this in and of itself does not mean that the project should go forward. If this industry cannot be both environmentally and economically sustainable at the same time, it should not be one that Nova Scotia supports. If the entire forestry industry is dependant on this one mill as they have been saying, they should step up and help fund a proper treatment facility if the outcome of the assessment is that the proposal is not adequate. - I believe that a Class 2 provincial assessment and/or a federal assessment would be appropriate in this case, to ensure a complete and impartial review is conducted. And I believe this would go a long way in easing the concerns of the general public. Name: Email: Address: Municipality: Postal-Code: Phone: Fax: email\_message: Privacy-Statement: agree x: 70 y: 20

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 5:46:42 AM

---

Project: - Choose - Comments: I feel we need a federal environment assessment into the mill's plan to place a pipe into the Northumberland Strait. The provincial government has supported the mill and its polluting ways for over 50 years. They will support this insane proposal to dump 80 plus million litres of effluent per day into the strait. We live right on the strait and worry about the effect this pollution will have on our environment, beaches and our fishing industry- especially the lobster larvae. The fishermen have good reason to be worried. We are totally against the proposal of the pipe going into the strait and ask for a full federal environmental assessment. Name:                      Email:                      @yahoo.com Address:

Privacy-Statement: agree x: 55 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 6:28:44 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: no pipe into  
Northumberland Strait. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 56 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 7:36:53 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a land owner, farmer, and small scale Forestry worker that lives in Pictou county. I am raising a family here. I am 100 opposed to the mill and the amount of pollution it creates here. Iâ?m not for people losing their jobs but enough is enough. Better to be remembered as someone who took steps to make it better than to be remembered as one who put another nail in the coffin. Name:

Email: @hotmail.com Address:

Privacy-

Statement: agree x: 61 y: 14

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 7:51:35 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 8:20:10 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern pulp cannot be allowed to continue esp with only a level one assessment. They want to put an effluent pipe through a protected eater shed. my well water comes from it as well. Why would they be allowed to poison our water? No,northern pulp had years to get their ducks in a row and never did anything until the last hour. Time to start saying NO to northern pulp and to stop giving them handouts #nopipe Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 71 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 8:26:11 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Excellent plan that looks good for both Forestry and Fisheries.



**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 9:02:13 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe No more time  
for Northern pulp they had enough time all ready. This shouldnt even be a discussion! Name:  
Email: @icloud.com Address:

Privacy-Statement: agree x: 75 y: 21

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 9:40:07 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is absolutely wonderful! State of the art system will provide environmental conservation as well as protect thousands of jobs at Northern Pulp and many many other indirect jobs. Too bad other forms of waste treatment systems polluting the waterways would put this much concern and money into their waste treatments. Unfortunately there are multi thousands of pollutants polluting our environment...and until the proper technology is built in the future to eliminate this completely...shutting down ONE mill and causing major chaos is not going to achieve anything, but only create more problems. Until a complete solution is derived in the future which will not happen overnight...the best we can do is uphold all waste systems to the highest level of regulations to reduce our impact on the future, which I truly believe Northern Pulp is achieving. First Nations will get their land cleaned up...and Northumberland Strait will get the absolute least and safest TREATED was te possible globally. Boat Harbour has been running their treated waste to the straight for decades...not understanding why now the fisherman are concerned??...especially now that the waste will be of a higher quality of standards Im afraid if this one company is forced to closed, regardless of the FACT that all regulations are met, all industries with any kind of environmental waste will be heavily under the scope, including thousands of boats in the straight on a regular basis also polluting the waters. Really hoping that SOMEDAY with continued efforts we can all work and play in a world with no environmental impact. Thank you

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 9:43:18 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Project looks scientifically sound. Its a shame the survey was blocked. However, this project meets all provincial and federal regulations. Name: Email: @hotmail.com  
Address:

: Privacy-Statement: agree x: 68 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 9:44:39 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: The environmental assessment is very in depth. It is not hard to tell the enormous amount of time and energy Northern Pulp has put into this project to get it right! I am in favor of the assessment and an extension. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 75 y: 24

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 10:11:50 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: NO PIPE!! PERIOD

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 10:20:13 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: very important for the economy of the province. As an employee of NP and tax payer, I believe if the science is there to support it , it should be put through. It will be a great improvement from before and should help everyone involved. I for one do not want to take my young family out of this province to find employment because of a handful of people that wont believe the science. I want my family to grow up in the pictou county area like I did with family and friends. With no mill it would be a very poor area of Nova Scotia to live. I think it is great that the mill is looking to the future for a better environment and cleaner effluent. Name: Email:

@hotmail.com Address:

Privacy-Statement: agree x: 64 y: 32

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 10:28:00 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I dont feel an extension should be given, this company has had plenty of time to develop proposals for the clean up. This company has dragged it feet long enough if they were serious about the environment they would have had strategic planning to improve this situation long ago. How many more years is this plant really going to be around? No more discharge or proposed pipeline with effluent discharge. Enough is enough stop the pollution. Name: Email:

@ns.sympatico.ca Address:

Privacy-

Statement: agree x: 52 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 11:59:36 AM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Due to delays in surveying because of blockades and extra studies added to the environmental assessment I believe Northern Pulp should be given an extension to complete its new replacement effluent facility. Also Nova Scotia can't afford to have NorthernPulp shut down. Would be a financial nightmare for everyone. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 85 y: 25



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 12:58:54 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: Im concerned about burning the collected sludge How is this safe? Do the boiler get and stay hot enough? Name:  
Email: @gmail.com Address:

Privacy-Statement: agree x: 68 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 1:05:10 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: There has been false and/or skewed information published in regard to this project. Both levels of government need to ignore uninformed opinions and guilt over the past decisions and look at the facts only. These jobs are too important to the economy to be a political football. Give the mill more time and do the proper studies both provincial and federal. Name: Email: @gmail.com Address:

Privacy-

Statement: agree x: 48 y: 23

**From:** pictou@live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 1:22:14 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: What is the maximum capacity of the new system to be installed in litres per day? It has been said that it can handle a maximum of 50000 litres per day. Where will the untreated effluent in excess of the capacity go? It has been said it will bypass the system and go right out the pipe. If unit malfunctions will untreated effluent go into directly into Northumberland Strait ? We cannot take a chance on destroying a lucrative fishing industry and tourism industry .Northern Pulp has said they cant say what will be in the treated effluent but it will be better.They say there are many other mills using this system so why cant they provide answers based on those mills ?Northern Pulp still continues to emit carcinogenic substances from the stacks into the air without care or concern for the community. Also there can be no extension on Boat Harbour facility as the PLFN have suffered from the effects of this environmental disaster and racism for far too long and have been re peatedly lied to on previous closing dates. Also they will be burning the sludge from the treatment process which will add to the toxic air and carcinogens being released into the air we breath here in Pictou County Name: Email:  
pictou@live.ca Address:

: Privacy-Statement: agree x: 52 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 1:48:36 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I support northen pulps effluent treatment facility project, and an extension on boat harbour, until the project can be completed. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 73 y: 30

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 1:51:45 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: i support northern pulps effluent treatment project, and an extension on boat harbour, so the project can be finished.

Name:      Email:                      @gmail.com Address:

:

Privacy-Statement: agree x: 52 y: 23

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 4:04:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: , P.Eng  
@ns.sympatico.ca February 15, 2018 Environmental Assessment Branch Nova Scotia Environment P.O. Box 442 Halifax, NS, B3J 2P8 Fax: 902 424-6925 Comments submission to Nova Scotia Environment Re: Northern Pulp Replacement Effluent Treatment Facility Project Environmental Assessment Submission To Minister Iain Rankin and others whom it may concern, I appreciate and thank you for this opportunity to make comment, and trust it will be read and considered. I am an engineer with almost 40 years experience in the pulp and paper industry in Canada. Most of that time in the kraft pulp industry, including many years in the environmental side of the business. I have traveled to many mills in Canada and the United States to conduct audits and share ideas. I have been following this issue from the beginning, and given the misinformation in the public discourse, I feel it necessary to make a few important comments for your consideration. I recently took time to read Northern Pulp's environmental assessment submission posted on your website in its entirety, including all appendices for a total of 1735 pages. It is comforting to learn that Northern Pulp has consulted many world class experts in the subject matter in the creation of this environmental assessment. This environmental assessment is as complete and comprehensive and any I have read. It is a very large and comprehensive assessment that deserves thorough evaluation by knowledgeable and skilled individuals. I expect that you will need to go outside the department for that expertise and understanding. Please don't be guided by the incorrect and misinformed reports appearing in the public and the media when making your decision. According to the department, the environment assessment process is designed to identify the environmental impacts associated with designated development undertakings long before the proposals are implemented and its purpose is to promote sustainable development by protecting and conserving the environment by identifying and assessing possible adverse effects on the environment before a new undertaking begins. I support this process and its goals completely. I trust that decisions will be based on facts and science, and not emotion and misleading or false information. If these decisions are allowed to be made on emotion the process will fail for all. This project has had lots of press and loud public opposition, but most do not understand the kraft pulp process or the treatment of kraft mill effluent. I urge you to put the emotion and noise aside and make you decision based on the science and track record of similar projects to the one proposed. If this process would have been followed when the existing system at Boat Harbour was constructed by the provincial government, it would have been built to the best technology of the day. This includes a properly designed outfall, which would have eliminated many of the legacy issues that plagued the existing situation from its beginning. It is important to note the provincial government used promises to provide a water supply and to treat effluent as a bait to attract industry to the area. Three companies would ultimately be attracted by this deal. These were large multinational foreign companies Scott Paper and Michelin Tire, and a few years later CIL set up operations near the mill site. The province failed to live up to their end of the agreement by cutting corners and failing to construct a facility and treat the effluent as promised. This failed the residents of Pictou County including the Pictou Landing First Nation, as well as the industries they convinced to set up in Pictou County. In doing so they created a legacy that cannot be changed no matter how well or poorly the existing system is operated. It is also important to note that since the beginning in September 1967, the government has had many opportunities to correct the situation by constructing a proper

treatment system and outfall that could have changed the course of local history. They failed to do so because of cost, political will or whatever were the issues of the day. Effluent from this facility has been going to the strait since September 1967. For the first few years, from 1967 until 1971, there was no manmade treatment. The government's concept was to rely on nature's ability to break down organics in the natural tidal estuary known as Boat Harbour to provide whatever treatment it could. The results were unacceptable to everyone in the area. The system slowly evolved through development with various levels of success and failure until 1996, when the system was leased to the mill operator to operate. Until 1996 the provincial government had full operational control. This arrangement was functionally parallel to the current situation in municipal government, where residents' homes connect to the sewage system and the municipal governments treat and release the effluent. When the mill took control of operations, a redesign was conducted and additional aeration, instrumentation and other equipment was installed so that it could operate reliably within the federal Pulp and Paper Effluent Regulations PPER. The Northern Pulp kraft mill is typical of many kraft pulp mills around the world. The kraft process has remained much the same as it has since the first kraft mill was built in 1947. While the equipment is bigger, more sophisticated and constructed with better materials, the chemistry remains much the same. It is the most extensively used chemical pulping process in the world. It is used in first world countries where there are extensive environmental laws and in developing countries where there are few rules. Northern Pulp's effluent treatment process is also comparable to many kraft mills. My point is the treatment process proposed is tried, true and tested. We can be very comfortable in the process selected and the equipment supplier. Veolia is a leader in the supply of effluent treatment to mills and municipalities in Canada and around the world. Treatment system designer KSH Solutions has successfully designed effluent treatment systems for many world-class mills around the world. One of the most vocal opponents to improving the current situation is the lobster fishers. They are concerned the effluent will affect the lobster fishery. They seem to have forgotten that the effluent has been going to the Northumberland Strait since September 1967. If there are any issues with the lobsters caught in the area of the current outfall the fishers have kept that a secret. In fact, some have bragged about how good they are. Since the mid 1960s then the lobster catches have almost tripled in zone 26A -- the area encompassing the current system outfall into the strait. This can be confirmed by DFO. Surely any long term effects would have presented in the ensuing 52 years of continuous fishing in zone 26A, beginning with a decline in fish stocks. The PPER require that each mill maintain an Environmental Effects Monitoring EEM program. These programs study the environmental effects of the effluent on the marine environment. This is a very robust scientific program that is administered through the Environment and Climate Change Canada. They have scientists that specialize in this field. The EEM takes an iterative approach that looks for changes and studies the effects in a deeper and deeper way. The studies and reports are very scientific and undergo peer review to ensure the science is solid and accurate. Environment Canada directs the study for each cycle, drilling down on differences from the previous cycle that are discovered. No other industry in Canada goes through such an extensive critical assessment of the effects at the end of the pipe. See appendix J for the Cycle 7 results. Other EEM reports are available for those who are interested from Environment and Climate Change Canada. I was interested to understand how the mill's treatment system compares to others we generally believe to be good systems, including those we don't hear of in the media as we do Northern Pulp. I was interested to compare the treated effluent coming from the proposed Northern Pulp facility to that of other industries in the Atlantic region. Also, in the interest of fairness, I studied a number of industries that also discharge into the marine environment. I reviewed scientific reports regarding farming, fish processing and municipal effluent and their effects on the environment in the region. Mike van den

Heuvel, director of the Canadian Rivers Institute at UPEI, is also a Canada Research Chair in Watershed Ecological Integrity. He and his counterparts have studied the Northumberland Strait extensively and recently published a study entitled "Nitrogen Loading Criteria For Estuaries In Prince Edward Island." They determined that agriculture -- particularly in PEI -- is having a major impact on nitrogen loading in the Strait, and not the mill as some will claim. The mill's outfall even as it is today has very little effect on the Northumberland Strait. Said plainly, the science contradicts what is being claimed by fishers and activists in the area. I was very disappointed to learn that fish processing plants on marine environments not connected to a municipal sewage system have amazing lax regulatory requirements to treat effluent. The only requirement is that they must have a 25 mesh screen on the pipe and the pipe must not be visible during low tides. Anything and everything they want to dispose of goes down the pipe without regulation, requirement for testing, concern about effects, or question by the regulators. Truly amazing in these highly regulated times. Why aren't the fishers interested in this? I also learned that these plants have very high suspended solids and Biological Oxygen Demand BOD loading many times more than the mill outfall. There is also no requirement to conduct any testing. The water usage is also very high given the size of these facilities. Water is used extensively for conveying the product and during cleaning. I was surprised to learn that the chemicals used in these facilities are similar to a kraft mill. Caustic for cleaning equipment and chlorine for sterilizing. In many ways the effluent characteristics are similar. The AOX parameter in their effluent is two to three times that of a kraft pulp mill. I was also interested to compare the mill's effluent treatment system to municipal units in Nova Scotia. I selected the towns of Pictou and New Glasgow with treats sewage for Stellarton, Trenton and Westville and some surrounding areas as well as local systems for comparison. I also examined two of the three new systems constructed as part of the Halifax Harbour Cleanup Project: The Water Street Treatment Facility and the Dartmouth Mawioimi Street Treatment System. Both were constructed as part of the much-publicized Harbour Cleanup Project which for the first time stopped raw sewage from entering Halifax harbour. I used the Freedom of Information Act to obtain their operating Approvals and sample reports of the data they are required to submit as part of their operating approvals. Effluent flow from the proposed Northern Pulp mill system is significantly larger than that of the Town of Pictou, population 3186 2016 census which is not unexpected. Surprisingly, it was only 4.7 times larger than the Town of New Glasgow. When flow is compared to the Halifax plants, I was surprised to learn that the Northern Pulp facility is 5.2 times smaller than the Water Street facility and 3.4 times smaller than the Mawioimi facility. Interestingly, the press and opponents to the system would lead you to believe that Northern Pulp's effluent volume is larger than all of the Halifax's 14 treatment systems. I concluded that while the Northern Pulp facility is large, it is not unusually so for Nova Scotia, contrary to what we have been lead to believe. The proposed treatment system for Northern Pulp includes a primary treatment process followed by a secondary treatment. The primary treatment consists of a coarse screen to remove the very large pieces followed by a clarifier to remove suspended solids carried in the water. The secondary treatment -- the most important step -- is a biochemical treatment process which breaks down the constituents that remain in the effluent. The process selected is an MBBR process combined with activated sludge process. This results in a highly efficient and compact design. These processes have proven very successful in treating pulp mill effluent. Activated sludge systems have been used for many years in both industry and municipal sewage treatment plants around the world. It's proven and reliable technology. In fact, both the New Glasgow and Pictou municipal systems are activated sludge processes and produce good results. Only one of the three systems constructed for the Halifax Harbour Clean Up project employ secondary treatment. The two largest systems -- at Water Street and Mawioimi Street -- are primary treatment only systems. They do not use biochemical



treatment. These systems do not treat for E. coli or other harmful biological elements. Both systems' operating approvals recognize this and allow for unlimited E.Coli releases except during the summer months May 1 through to October 31 when it's limited to 5000 CFU per 100 ml of effluent. E. coli is a bacterium commonly found in the intestines of humans and other animals, some strains of which can cause severe food poisoning. This can make people severely ill with vomiting, diarrhea and potentially kidney failure. Northern Pulp's current system has secondary treatment in the form of an Aerated Stabilization System and does not release E.coli. The proposed system is will also not release E. coli. When comparing the other primary treated effluent parameters Biological Oxygen Demand BOD and Suspended Solids, the Northern Pulp facility is designed for half the approval limits of both Halifax systems. Regarding BOD this is 25mg/l for the mill versus 50 mg/l for the Halifax systems. When comparing suspended solids the Northern Pulp's facility is 25 mg/l versus 40 mg/l for the Halifax systems. Another very important parameter is toxicity. Local opposition groups and the media repeatedly and incorrectly report that the existing effluent released from Boat Harbour is toxic. This is incorrect. Records submitted to both provincial and federal environment departments show the effluent has consistently passed the toxicity test. Independent tests conducted by Environment Canada have confirmed this. Records obtained through Freedom of Information requests show that both the Water Street and Mawioni Street facilities failed toxicity tests in 2007 on a number of occasions. This is a clear violation of their operating permit. Interestingly, not a word in the press or any charges laid by provincial or federal regulators. Why is Northern Pulp treated differently? The Northern Pulp treatment system is clearly less harmful to the environment. Furthermore, all municipal systems are designed to overflow, whereby untreated sewage is allowed to bypass the treatment facility and be released directly into the receiving waters. Indeed, all municipal systems I obtained information on had numerous occasions of such overflow. There has been much talk about high cancer rates in Pictou County and much of the blame has been placed on the Mill. In September 2018 the Nova Scotia Health Authority released their latest study entitled Nova Scotia Incident and Survival Rates September 2018 based on province wide data collected from 2011 to 2015. This documents the incidence of cancer by type and region. It is clear that Pictou county has a slightly lower than average cancer rate than the rest of the province. There are other studies that confirm this information. Please do not be misled by inaccurate information in the public domain. In closing, I encourage you to make your determination by examining the science and the merits of this project and not on the largely inaccurate information put forward by the project's opponents and repeated in the press. There is ample information in the EA submission to make this judgement. There are many workers and their families from across this province that depend on the jobs that this business and related businesses provides. They deserve that you give this a fair and unbiased review. This is an important project for all of Nova Scotia and I believe it should proceed.

Name:                      Email:                      @ns.sympatico.ca Address:

Privacy-Statement: agree x: 51 y: 16

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 15, 2019 7:21:52 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Awesome! Name:  
Email: @hotmail.com Address:

Privacy-Statement: agree x: 54 y: 18

Feb 8 2019

Environment Assessment Branch  
NS Environment  
PO Box 442  
Halifax NS  
B3T 2P8



To Margaret Miller  
NS Environment Minister.

With regards to Northern Pulp's plan for pipeline

Dear Minister:

To date with lack of full scientific certainty, we have threats of serious or irreversible damage and lack of full scientific certainty to the treatment plant which Northern Pulp has submitted must be shut down until full assessment. In 1994 the same plan was shut down by the Tobin government to protect fish habitat from toxic effluent. The reason that pollutants that would be contrary to Fisheries Act with regard to spawning areas.

Shell fish absorb dioxins & furans a known fact. The current powerboiler is currently and repeatedly failing stack emission tests and now considering adding sludge containing toxins to mix. The route of pipeline is over Pictou, watershed and same traffic route to Northumberland Ferries Ltd. This is a enter point to PEI and this could be harmful to tourist season for the Eastside of PEI & town of Pictou

Three Points:

Meeting regulations does not prevent harm

The regulations are 25 years old

70% Pulp & Paper mills are having harmful effects on aquatic life, despite meeting current regulations.

The new treatment facility is not better than current plant at Boat Harbour. This so called new plan was rejected in 1994. Why are we the tax payers paying 6 million for a rejected plan.

We have three long lived industries

Tourism, Commercial fisheries and sport fisheries  
all three must be worth 5 billion a year.

Citizens of Nova Scotia must have a better return of our tax dollars. We are on the hook for the clean up of Boat Harbour, which can be cleaned up, we can not say the same for Northumberland Strait. We are paying millions for the design & reconstruction of new pipe line. Why not give this money to our over worked health care workers, senior's and Veterans for public programs.

We are a proud household with one fishing fleet  
and a worker at Northumberland Ferries for 34 years.

We have worked hard & long hours and our way  
of life could be wiped out in a instant. A full  
stop to this project. No extension of Boat Harbour  
(A'se'k). No Pipe in Northumberland Strait.

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 16, 2019 6:21:30 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Close down this mill ASAP Think about what is going into the Northumberland Strait. The ecosystem is not capable to repair this continuous damage Name: Email:  
@yahoo.ca Address:

Privacy-Statement: agree x: 66 y: 17

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 16, 2019 9:57:03 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The waste proposal poses major risk to harming marine life , marine habitat, species at risk/endangered/threatened that include migratory and marine birds, fish, vegetation, reptiles etc. All listed in the submissions via Northern Pulp. The proposal goes through the Pictou town and Caribou water supply. 2 provincial parks and 2 nature preserves are within the effluent pipe footprint Meeting PPER doesn't prevent harm to marine life or marine habitat per Environment Canada The characteristics of the proposed effluent is unknown to NP The proposal shows the plan to burn the toxic sludge in the power boiler. That we know is not working properly and air emissions are an issue today. The spill basin only holds 35 million litres of untreated effluent 10-12 hrs before it goes into the AST system. If a malfunction happens where does it go. They also list temporary and permanent closures for fishermen around the outflow area, creating a no anchor zone and possible compensation that has not been discussed for impacted fishers. The O2 delignification system is not laid out on how or when it will be constructed, maintain and operates like the AST system. It is listed in the appendix has a future upgrade. I will let you interpret that. The Waste proposal will be pumping effluent into the ocean after only processing it for 8 hours as opposed to the current waste system that takes about 30 days to process and reach the Strait Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ### ## - ##### email\_message: Privacy-Statement: agree x: 55 y: 17

**From:** @live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 16, 2019 10:14:42 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: With so many jobs counting on northern pulp , we need to do the right thing and give the pulp mill the time it needs .We should only be dealing with facts and not feelings or opinions . The government should do what is best for all of Nova Scotia ! Name: Email:  
@live.ca Address:

Privacy-Statement: agree x: 56 y: 19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 16, 2019 3:11:08 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The more extensive Class 2 Federal Government Assessment is required for this project proposal. This statement from the submitted Environmental Assessment Registration Document clearly signifies why: 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. ~Certainty regarding these facts and ALL specifics must be available at this crucial proposal stage. There is simply no way to trust the science and make the correct recommendation without having this all-important information accurately presented at this highly consequential phase. Thank you for your consideration. Name: Email:

@hotmail.com Address:

: Privacy-Statement: agree x: 66 y: 27



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 16, 2019 5:27:56 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: At the very least, insist on a Federal Environmental Assessment of the Pictou mill proposal to shoot effluent through a new pipe into the Northumberland Strait. The best thing that could happen is for that mill to shut down completely. We do not need it! Nova Scotia does not need it! The Northumberland Strait and the fisheries do not need it! Name: Email: @gmail.com  
Address:

: Privacy-Statement: agree x: 60 y: 20

**From:** @shaw.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 16, 2019 9:52:30 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do further review of this potentially damaging project to our water and life environment. Once done there is no going back! Name: Email: @shaw.ca Address:

Privacy-Statement: agree x: 66 y: 29

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 8:50:25 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Shut this plant down, stop polluting the environment. This plant sends out the wrong message to tourists and they will look at NS as supporting polluting capitalists. You will destroy the only good Atlantic Salmon runs in NS. And lobster are highly sensitive to chemicals. Dumb Dumb Dumb duh? Smarten up as they say! Name: Email: @yahoo.ca Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 68 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 9:21:19 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: To whom it may concern, it would be a sin to place such a pipe anywhere into the Northumberland Strait with so much effluent coming out of it. This part of the province is too beautiful to harm it in this way. Weve been putting up with the stench and the disgrace of Boat Harbour long enough to know what this pipe will do. Name: Email: @hotmail.com  
Address:

: Privacy-Statement: agree x: 74 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 10:28:02 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing to provide feedback to the Northern Pulps 1200 page proposal to conduct a new effluent treatment facility at its Abercrombie Point location in respect to whether or not your department should recommend a federal environmental assessment. Taken from NP proposal: The proposed project will consist of building a new effluent treatment facility ETF on NPNS property including a pipeline to transport treated effluent to Caribou Harbour. Ultimately, the effluent discharge will be into the Northumberland Strait, as has been the case since 1967 via the existing facility. The installation of a modern engineered diffuser provides an improvement in effluent dispersion. The improvement is such that as unlike the visual impact experienced today, it is anticipated that the effluent plume will not be visible when it reaches the water's surface. This opening statement shows exactly how the rest of the document will read. NP calls it a new effluent treatment facility which in itself should trigger the federal assessment. NP then states that the effluent discharge will be into the Northumberland Strait as has been the case since 1967 via the existing facility. We have seen what that has done to Boat Harbour and the surrounding area so why is it o.k. to continue to pollute the Strait in an area where it will not be visible to the majority of the public. How many people other than fishers will be in boats 4 miles off the coastline? Does this make it o.k. to pump the effluent into the Strait because no one can see it happening or because it has been happening for the last 50 years as the proposal states? Just because the new diffuser will supposedly provide an improvement in effluent dispersion doesn't mean that it is better see comments below. What about the temperature difference of the effluent? According to NP the area affected will only be 100m from the discharge site. This is based on supposition not scientific fact and will have severe consequences to the fisheries food over pulp please for years to come. Potential environmental effects are identified and predicted for both the construction and the operation and maintenance phases of the project. The residual environmental effects of each project phase are evaluated as either not significant (NS), significant (S), with the likelihood of occurrence identified in such cases, or positive (P). The environmental effects of accidents, malfunctions and unplanned events as well as cumulative environmental effects of the project in combination with other past, present, or reasonably foreseeable future projects or activities are also assessed. The table that is listed on page xxiv of the proposal summarized the studies, and the effect of the project for the significance of the project related residual environmental effects of the project. I was amazed to see that all categories were predicted as NS - No Significant Residual Environmental Effects Predicted. However, in reading further into the proposal I have discovered many other areas of concern. Detailed design has not been completed for the construction of the marine outfall and pipeline. The preferred method for trenching the marine pipeline will likely be by side-cast excavation methods with re-use of bottom materials without bringing to surface. And comments such as The treated effluent is anticipated to meet compliance etc. are littered throughout the document. The whole document is written with not been completed or to be determined. On numerous items the proposal states that it is not possible to know or needs more assessment due to the pipeline being defined in the fall of 2018. Again another reason for a federal assessment. Although NP has had 5 years to adjust to the new reality that Boat Harbour was closing, they have submitted a half-baked proposal, at the 11 hour with lots of what if and projections without any scientific data to back them up. This is not the fault of the population of Nova Scotia but we will have to suffer the costs both in air and water quality for NP dragging their feet and now trying to ram

their proposal through. As one writer to the Herald stated "If one lobster from the Northumberland Strait is found to be tainted with chemicals, it will not be recorded as a Northumberland Strait lobster, but a Maritime lobster. The whole Maritime fishing industry is at stake. I understand that jobs are at stake here but there is more to consider than the economic benefit from one mill. There are other industries that are affected by NP destruction of the environment, notably the fisheries 1 Billion and tourism 2.7 billion. Together these two industries outstrip the benefits of NP. The health reasons of dumping 85,000 litres per day of a noxious mixture of dioxins, furans, metals and solids and other contaminants into a water source is inconceivable to me in this day and age of knowledge. Coupled with that, the mill wants to burn the sludge in the power boiler. This is the same boiler that has failed stack emissions tests Northern Pulps failed stack test happened the week of June 6 at a reading of 224, 50 over allowable levels although I understand from NP proposal that A frequent exceedance is defined as one that occurs more than 1 of the time. On page 140 under section 8.1.2.2 the proposal states that there have been no exceedances of maximum allowances. This is based on their own assessment. In the proposal NP quotes a recent paper by Hoffman et al. 2017 who evaluated ambient air levels of seven volatile organic compounds VOCs, based on ambient monitoring data reported from the National Air Pollution Surveillance Network NAPS. There are two NAPS monitoring stations near the NPNS mill that have historically monitored for VOCs. This paper focused on ambient monitoring data for the following VOCs: chloroform 1,3-butadiene vinyl chloride benzene carbon tetrachloride trichloroethylene and, perchloroethylene. The paper reported that results of the conducted temporal and spatial statistical analyses indicated that 1,3-butadiene, benzene, and carbon tetrachloride air concentrations routinely exceeded EPA air toxics-associated cancer risk thresholds, and that 1,3-butadiene and perchloroethylene levels in air were significantly higher when the prevailing wind direction blew from the northeast and the NPNS mill towards the Granton NAPS site. Conversely, when prevailing winds originated from the southwest towards the mill, higher median VOC air toxics concentrations at the NAPS site, except carbon tetrachloride, were not observed. These outcomes have not been corroborated by regulatory agencies or other parties at this time. While this study was quick to attribute elevated ambient VOC concentrations to the NPNS mill based on a spatial and temporal evaluation only i.e., a statistical evaluation of ambient data in correlation with wind direction, without further site specific investigation, it did not attempt to rule out contributions from other potential sources of VOCs in the area e.g., transportation sources, or other industrial sources like the Michelin tire plant or the Trenton coal-fired power plant, presumably all sources of VOC emissions to some degree. So NP refuses to believe that they could be the source of air pollution but would prefer to blame it on other industries in the area. As far as the total environment footprint, meeting current PPE regulations does not mean that harm is not happening. Regulations for pulp mills were updated in 1992 and are concerned with biochemical demand and suspended solids. As it stands now, there are no CCME guidelines established for some of the different chemicals and compounds that make up the pulp mill effluent. It is not acceptable to follow 27 year old legislation so once again, a federal assessment should be considered. The new treatment facility is being touted as better than the old. I have several concerns and comments on this. It is my understanding that the current set up has the discharge going into the Northumberland Strait after a 12 hour primary treatment in the settling ponds, then moves to an aeration basin where effluent is placed in contact with micro-organisms and sits there for 8 days after which the effluent is discharged into Boat Harbour lagoon basin where it remains for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials take place during that time. In the proposed new Activated Sludge Treatment AST system on the mill site, effluent will move through a primary clarifier to an aeration basin using micro-organisms to break down pollutants, and then to a secondary clarifier. The

process will take less than 24 hours. Northern Pulp states that effluent from the new system, including an added oxygen delignification system, will be similar to treated effluent leaving the present system at point C, with some unspecified reduction in biochemical oxygen demand BOD. However, the effluent being released from the proposed new system directly into the deep waters of the Strait will not benefit from the considerable reduction in BOD, Total Suspended Solids TSS and other contaminants including heavy metals which takes place during the 20-30 days that effluent presently remains in the Boat Harbour Basin stabilization lagoon. Northern Pulp has not provided a detailed comparison between the effluent which presently reaches the edge of the Strait and the effluent they propose to release into the fishing grounds with the new system. The present effluent outfall location at the shore edge does not disperse effluent in the Strait in the same way that the proposed new outfall site would. With the proposed new system, 70million litres of treated effluent would be pumped directly and continuously into the prime fishing areas of the Strait every day. Ocean environments are increasingly stressed. The Northumberland Strait Ecosystem Overview Report, prepared for DFO in 2007, documents increasing stresses on the Strait. To state that there are other industries producing stresses does not make it alright for NP to increase this toxicity and to think otherwise is just plain insanity. In terms of toxicity, my understanding is that there is only one test required to meet federal regulations. This test measures acute toxicity -- whether 50 of rainbow trout die when exposed to effluent for 96 hours. It does not measure impacts on fish growth or reproduction or on fish habitat. No toxicity test on salt water fish is required to meet federal regulations. There are no federal regulations for a number of known harmful substances in pulp effluent, including AOX and phenols so further study is needed before this pipe is installed. We cannot wait for updated PPER legislation slated for publication in 2022. NP lists Alternatives Considered for Final Discharge Location or Method. Discharging into Pictou Harbour is not recommended due to the lack of mixing with the Strait as if mixing with a larger body of water is acceptable, Release into the Middle River upstream was not considered due to expectations that it will increase chlorides in the Middle River and potentially affect the maintenance of the equipment at the Middle River Pumping Station and inside the mill but once again it is o.k. to dump on fishing grounds. The municipal stations and private facilities do not have the capabilities to handle the volume nor is a land based option available because as proposal states: Land application of wastewater effluent has not yet been approved in Nova Scotia small wonders, Trucking or barging the sludge to a different location is not recommended. I found the barging comments interesting: A pier for barge loading would be necessary - assumed to not be at the NPNS mill location. Liquid would have to be either stored and trucked or stored and pumped to a facility to offload to an ocean going barge/tanker to be discharged outside of coastal waters in an approved area, with a large number of tankers. There would be increased industrial vessel movements in the Northumberland Strait, potentially disrupting fisheries. Project specific permits would be required as the effluent does not fall under materials permitted to dispose of offshore. NP is concerned about the increase in traffic in the Strait but not about the effluent that will be pumped there. Why would they need project specific permits if effluent does not fall under material permitted to dispose of offshore but using a pipeline to dump the effluent is allowed? A closed loop system is not economically viable according to Northern Pulp. NP also states: The main problems with the bleach plant effluent recovery are equipment corrosion and accumulation of chloride and non-process elements in the mill's water systems. Accumulation of chlorides and potassium are especially corrosive for the mill's boilers and often lead to scale build-up which would require the replacement of the boiler over time. However NP also argues that it would not be economically viable for NP however they are quick to boast of the annual volume of income at \$535 million. If the chemicals used are too corrosive for the river and too corrosive to recycle in their own equipment, how can pumping

the effluent into the Northumberland Strait be a viable solution? Surely dispersing sludge over a larger area is not the answer. And what happens if NP sticks around until the end of the lease in 2030. Who is going to clean up the mess then? Who is going to compensate the fishing and tourist industry? This are too many other stakeholders involved to let this go through without a Federal Assessment. I havent even commented on the state of the health industry in Nova Scotia that could use the money being spent on NP. NP has already received \$127 million dollars in tax payer's dollars over the years. We have paid for the design process of the proposed effluent process at a cost of \$6 million dollars and will be expected to cover the cost of the construction, installation, labour etc. for the proposed pipe estimated at \$100 million dollars. How can NP be allowed to pollute the environment as they have in the past and how can we as citizens believe anything that NP puts out in the media about how wonderful they are when history has shown otherwise? I would rather put my tax dollars towards the penalty of breaking the lease if need be. On top of all that, I have now read that there is a conflict of interest from the minister of the environment: As Ecojustice wrote on behalf of Friends of the Northumberland Strait, the minister has a clear financial interest in making sure the environmental assessment process is over and done with as quickly as possible. Our clients also say the minister's ongoing contracts with Northern Pulp give the impression that the minister is not able to make a fair decision about whether or not to approve the project. These conflicts of interest violate the public's right to a thorough and unbiased assessment. That is why we are calling on the minister to step away from the assessment process and make way for a federal environmental assessment. In summary, a federal assessment is required. I will accept the outcome of that but nothing less. Until then, NO EXTENTION, NO PIPE. In summary the concerns that need to be addressed are: The waste proposal poses major risk to harming marine life, marine habitat, species at risk/endangered/threatened that include migratory and marine birds, fish, vegetation, reptiles etc. All listed in the submissions via Northern Pulp. The proposal goes through the Pictou town and Caribou water supply. 2 provincial parks and 2 nature preserves are within the effluent pipe footprint Meeting PPER doesn't prevent harm to marine life or marine habitat per Environment Canada The characteristics of the proposed effluent is unknown to NP The proposal shows the plan to burn the toxic sludge in the power boiler and air emissions are already an issue today. The spill basin only holds 35 million litres of untreated effluent 10-12 hrs before it goes into the AST system. If a malfunction happens where does it go? They also list temporary and permanent closures for fishermen around the outflow area, creating a no anchor zone and possible compensation that has not been discussed for impacted fishers. The O2 delignification system is not laid out on how or when it will be constructed. The Waste proposal will be pumping effluent into the ocean after only processing it for 8 hours as opposed to the current waste system that takes about 30 days to process and reach the Strait.

Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 63 y: 28



**From:**  
**To:** [CEAA.BoatHarbour.ACEE@canada.ca](mailto:CEAA.BoatHarbour.ACEE@canada.ca); [ec.ministre-minister.ec@canada.ca](mailto:ec.ministre-minister.ec@canada.ca); [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Pipe Proposal  
**Date:** February 17, 2019 10:28:47 AM

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## The Honourable Catherine McKenna

I am writing to provide feedback to the Northern Pulp's 1200 page proposal to conduct a new effluent treatment facility at its Abercrombie Point location in respect to whether or not your department should recommend a federal environmental assessment.

Taken from NP proposal:

"The proposed project will consist of building a **new** effluent treatment facility (ETF) on NPNS property including a pipeline to transport treated effluent to Caribou Harbour. Ultimately, the effluent discharge will be into the Northumberland Strait, as has been the case since 1967 via the existing facility. The installation of a modern engineered diffuser provides an improvement in effluent dispersion. The improvement is such that as unlike the visual impact experienced today, it is anticipated that the effluent plume will not be visible when it reaches the water's surface."

This opening statement shows exactly how the rest of the document will read. NP calls it a "new effluent treatment facility" which in itself should trigger the federal assessment. NP then states that the effluent discharge will be into the Northumberland Strait as has been the case since 1967 via the existing facility. We have seen what that has done to Boat Harbour and the surrounding area so why is it o.k. to continue to pollute the Strait in an area where it will not be visible to the majority of the public. How many people other than fishers will be in boats 4 miles off the coastline? Does this make it o.k. to pump the effluent into the Strait because no one can see it happening or because it has been happening for the last 50 years as the proposal states? Just because the new diffuser will supposedly provide an improvement in effluent dispersion doesn't mean that it is better (see comments below). What about the temperature difference of the effluent? According to NP the area affected will only be 100m from the discharge site. This is based on supposition not scientific fact and will have severe consequences to the fisheries (food over pulp please) for years to come.

Potential environmental effects are identified and predicted for both the construction and the operation and maintenance phases of the project. The residual environmental effects of each project phase are evaluated as either not significant ("NS"), significant ("S"), with the likelihood of occurrence identified in such cases, or positive ("P"). The environmental effects of accidents, malfunctions and unplanned events as well as cumulative environmental effects of the project in combination with other past, present, or reasonably foreseeable future projects or activities are also assessed.

The table that is listed on page xxiv of the proposal summarized the studies, and the effect of the project for the significance of the project related residual environmental

effects of the project. I was amazed to see that all categories were predicted as NS - No Significant Residual Environmental Effects Predicted. However, in reading further into the proposal I have discovered many other areas of concern.

"Detailed design has not been completed for the construction of the marine outfall and pipeline. The preferred method for trenching the marine pipeline will likely be by side-cast excavation methods with re-use of bottom materials without bringing to surface". And comments such as "The treated effluent is anticipated to meet compliance" etc. are littered throughout the document. The whole document is written with "not been completed" or "to be determined". On numerous items the proposal states that it is not possible to know or needs more assessment due to the pipeline being defined in the fall of 2018. Again another reason for a federal assessment.

Although NP has had 5 years to adjust to the new reality that Boat Harbour was closing, they have submitted a half-baked proposal, at the 11 hour with lots of what if and projections without any scientific data to back them up. This is not the fault of the population of Nova Scotia but we will have to suffer the costs both in air and water quality for NP dragging their feet and now trying to ram their proposal through.

As one writer to the Herald stated "If one lobster from the Northumberland Strait is found to be tainted with chemicals, it will not be recorded as a Northumberland Strait lobster, but a Maritime lobster. The whole Maritime fishing industry is at stake.

I understand that jobs are at stake here but there is more to consider than the economic benefit from one mill. There are other industries that are affected by NP destruction of the environment, notably the fisheries (1 Billion) and tourism (2.7 billion). Together these two industries outstrip the benefits of NP.

The health reasons of dumping 85,000 litres per day of a noxious mixture of dioxins, furans, metals and solids and other contaminants into a water source is inconceivable to me in this day and age of knowledge. Coupled with that, the mill wants to burn the sludge in the power boiler. This is the same boiler that has failed stack emissions tests (Northern Pulp's failed stack test happened the week of June 6 at a reading of 224, 50% over allowable levels) although I understand from NP proposal that "A frequent exceedance is defined as one that occurs more than 1% of the time".

On page 140 under section 8.1.2.2 the proposal states that there have been no exceedances of maximum allowances. This is based on their own assessment. In the proposal NP quotes a recent paper by Hoffman et al. (2017) who evaluated ambient air levels of seven volatile organic compounds (VOCs), based on ambient monitoring data reported from the National Air Pollution Surveillance Network (NAPS). There are two NAPS monitoring stations near the NPNS mill that have historically monitored for VOCs. This paper focused on ambient monitoring data for the following VOCs: chloroform; 1,3-butadiene; vinyl chloride; benzene; carbon tetrachloride; trichloroethylene; and, perchloroethylene. The paper reported that results of the conducted temporal and spatial statistical analyses indicated that 1,3-butadiene,

benzene, and carbon tetrachloride air concentrations routinely exceeded EPA air toxics-associated cancer risk thresholds, and that 1,3-butadiene and perchloroethylene levels in air were significantly higher when the prevailing wind direction blew from the northeast and the NPNS mill towards the Granton NAPS site. Conversely, when prevailing winds originated from the southwest towards the mill, higher median VOC air toxics concentrations at the NAPS site, except carbon tetrachloride, were not observed. These outcomes have not been corroborated by regulatory agencies or other parties at this time. While this study was quick to attribute elevated ambient VOC concentrations to the NPNS mill based on a spatial and temporal evaluation only (i.e., a statistical evaluation of ambient data in correlation with wind direction, without further site specific investigation), it did not attempt to rule out contributions from other potential sources of VOCs in the area (e.g., transportation sources, or other industrial sources like the Michelin tire plant or the Trenton coal-fired power plant, presumably all sources of VOC emissions to some degree). So NP refuses to believe that they could be the source of air pollution but would prefer to blame it on other industries in the area.

As far as the total environment foot print, meeting current PPE regulations does not mean that harm is not happening. Regulations for pulp mills were updated in 1992 and are concerned with biochemical demand and suspended solids. As it stands now, there are no CCME guidelines established for some of the different chemicals and compounds that make up the pulp mill effluent. It is not acceptable to follow 27 year old legislation so once again, a federal assessment should be considered.

The new treatment facility is being touted as better than the old. I have several concerns and comments on this. It is my understanding that the current set up has the discharge going into the Northumberland Strait after a 12 hour primary treatment in the settling ponds, then moves to an aeration basin where effluent is placed in contact with micro-organisms and sits there for 8 days after which the effluent is discharged into Boat Harbour lagoon (basin) where it remains for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials take place during that time. In the proposed new Activated Sludge Treatment (AST) system on the mill site, effluent will move through a primary clarifier to an aeration basin using micro-organisms to break down pollutants, and then to a secondary clarifier. The process will take less than 24 hours. Northern Pulp states that effluent from the new system, including an added oxygen delignification system, will be similar to treated effluent leaving the present system at point C, with some (unspecified) reduction in biochemical oxygen demand (BOD.) However, the effluent being released from the proposed new system directly into the deep waters of the Strait will not benefit from the considerable reduction in BOD, Total Suspended Solids (TSS) and other contaminants including heavy metals which takes place during the 20-30 days that effluent presently remains in the Boat Harbour Basin stabilization lagoon. Northern Pulp has not provided a detailed comparison between the effluent which presently reaches the edge of the Strait and the effluent they propose to release into the fishing grounds with the new system. The present effluent outfall location at the shore edge does not disperse effluent in the Strait in the same way that the proposed new outfall site would. With the proposed new system, 70+million litres of

treated effluent would be pumped directly and continuously into the prime fishing areas of the Strait every day.

Ocean environments are increasingly stressed. The Northumberland Strait Ecosystem Overview Report, prepared for DFO in 2007, documents increasing stresses on the Strait. To state that there are other industries producing stresses does not make it alright for NP to increase this toxicity and to think otherwise is just plain insanity.

In terms of toxicity, my understanding is that there is only one test required to meet federal regulations. This test measures acute toxicity -- whether 50% of rainbow trout die when exposed to effluent for 96 hours. It does not measure impacts on fish growth or reproduction or on fish habitat. No toxicity test on salt water fish is required to meet federal regulations. There are no federal regulations for a number of known harmful substances in pulp effluent, including AOX and phenols so further study is needed before this pipe is installed. We cannot wait for updated PPER legislation slated for publication in 2022.

NP lists Alternatives Considered for Final Discharge Location or Method.

Discharging into Pictou Harbour is not recommended due to the lack of mixing with the Strait (as if mixing with a larger body of water is acceptable), Release into the Middle River upstream was not considered due to expectations that it will increase chlorides in the Middle River and potentially affect the maintenance of the equipment at the Middle River Pumping Station and inside the mill (but once again it is o.k. to dump on fishing grounds). The municipal stations and private facilities do not have the capabilities to handle the volume nor is a land based option available because as proposal states: Land application of wastewater effluent has not yet been approved in Nova Scotia (small wonders), Trucking or barging the sludge to a different location is not recommended. I found the barging comments interesting: A pier for barge loading would be necessary - assumed to not be at the NPNS mill location. Liquid would have to be either stored and trucked or stored and pumped to a facility to offload to an ocean going barge/tanker to be discharged outside of coastal waters in an approved area, with a large number of tankers. There would be increased industrial vessel movements in the Northumberland

Strait, potentially disrupting fisheries. Project specific permits would be required as the effluent does not fall under materials permitted to dispose of offshore. NP is concerned about the increase in traffic in the Strait but not about the effluent that will be pumped there. Why would they need project specific permits if effluent does not fall under material permitted to dispose of offshore but using a pipeline to dump the effluent is allowed?

A closed loop system is not economically viable according to Northern Pulp. NP also states: The main problems with the bleach plant effluent recovery are equipment corrosion and accumulation of chloride and non-process elements in the mill's water systems. Accumulation of chlorides and potassium are especially corrosive for the mill's boilers and often lead to scale build-up which would require the replacement of the boiler over time. However NP also argues that it would not be economically viable

for NP however they are quick to boast of the annual volume of income at \$535 million. If the chemicals used are too corrosive for the river and too corrosive to recycle in their own equipment, how can pumping the effluent into the Northumberland Strait be a viable solution? Surely dispersing sludge over a larger area is not the answer. And what happens if NP sticks around until the end of the lease in 2030. Who is going to clean up the mess then? Who is going to compensate the fishing and tourist industry? This are too many other stakeholders involved to let this go through without a Federal Assessment.

I haven't even commented on the state of the health industry in Nova Scotia that could use the money being spent on NP. NP has already received \$127 million dollars in tax payer's dollars over the years. We have paid for the design process of the proposed effluent process at a cost of \$6 million dollars and will be expected to cover the cost of the construction, installation, labour etc. for the proposed pipe estimated at \$100 million dollars. How can NP be allowed to pollute the environment as they have in the past and how can we as citizens believe anything that NP puts out in the media about how wonderful they are when history has shown otherwise? I would rather put my tax dollars towards the penalty of breaking the lease if need be.

On top of all that, I have now read that there is a conflict of interest from the minister of the environment: As Ecojustice wrote on behalf of Friends of the Northumberland Strait, " the minister has a clear financial interest in making sure the environmental assessment process is over and done with as quickly as possible. Our clients also say the minister's ongoing contracts with Northern Pulp give the impression that the minister is not able to make a fair decision about whether or not to approve the project. These conflicts of interest violate the public's right to a thorough and unbiased assessment. That is why we are calling on the minister to step away from the assessment process and make way for a federal environmental assessment."

In summary, a federal assessment is required. I will accept the outcome of that but nothing less. Until then, NO EXTENTION, NO PIPE.

In summary the concerns that need to be addressed are:

The waste proposal poses major risk to harming marine life, marine habitat, species at risk/endangered/threatened that include migratory and marine birds, fish, vegetation, reptiles etc. All listed in the submissions via Northern Pulp.

The proposal goes through the Pictou town and Caribou water supply.

2 provincial parks and 2 nature preserves are within the effluent pipe footprint

Meeting PPER doesn't prevent harm to marine life or marine habitat per Environment Canada

The characteristics of the proposed effluent is "unknown" to NP

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The proposal shows the plan to burn the toxic sludge in the power boiler and air emissions are already an issue today.

The spill basin only holds 35 million litres of untreated effluent (10-12 hrs) before it goes into the AST system. If a malfunction happens where does it go?

They also list temporary and permanent closures for fishermen around the outflow area, creating a no anchor zone and possible compensation (that has not been discussed) for impacted fishers.

The O2 delignification system is not laid out on how or when it will be constructed.

The Waste proposal will be pumping effluent into the ocean after only processing it for 8 hours as opposed to the current waste system that takes about 30 days to process and reach the Strait.

Sincerely,

**From:** @smu.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 11:19:57 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project is potentially disasterous from a number of perspectives. As a landowner on Caribou Island, I am concerned for the water quality in the small harbour on the south side of the island, which has limited capacity to flush out hazardous material, which is likely to concentrate in this area where my small children swim. On the larger scale, the effluent will raise water temperature and the chemical composition of the Strait which is likely to have disasterous effects on marine life and threaten the livelihoods of the large number of individuals engaged in fisheries, which will be much worse than the loss of some mill jobs. Our province should be thinking forward and striving for innovative and sustainable solutions for our economy and environment. Supporting this disasterous mill project, which has cost the province millions, destroyed Boat Harbour, and is probably at least partly responsible for higher than average cancer rates, is not the way forward. Who knows what additional damage the proposed effluent pipe will do, and once the damage is done, it is often irremidiable. Why gamble on our childrens future? Is the province in line with Trumpian climate change deniers? Do they not recognize the severity of human impact on the environment and scientists warnings that we must do better or it will be too late? I challenge the province to do better than to save a few jobs today at the cost of our environment for generations to come. Name:

Email: @smu.ca Address:

: Privacy-Statement:

agree x: 70 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 12:01:50 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The environment needs  
to be the priority for all human actions. Name: Email:  
@gmail.com Address:

: Privacy-

Statement: agree x: 72 y: 22



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 12:47:59 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp have proven they cannot be trusted. The people of Pictou Landing First Nations are victims of environmental racism at the hands of their own provincial government and a foreign owned pulp and paper mill. Northern Pulp wants to dump billions of liters of treated effluent that will corrode metal pipes, into the delicate eco-system of the Northumberland strait. I do not want the mill to continue operations in any way shape or form because there is not 100 percent guarantee that the effluent will not create a dead zone in the waters and it has not been disproven that the mill emissions are not responsible for the high rates of cancer and copd in Pictou County and surrounding counties. As a measure of good faith and good corporate citizenship, our provincial government needs to force the mill to be subjected to the most stringent and in depth environmental assessment that exists in Canada, because the citizens of Pictou county know the mill has a lot to hide and they would not voluntarily submit to the most rigorous scientific assessment. It is passed time that this archaic mill ceased its poisoning of these lands. Not only do many families rely on the Northumberland strait for a living, we also swim and walk through the waves we sit on the beach and watch the sunsets and sunrises. If the mill allowed to continue polluting they will be creating an environment that is not conducive for any living creature to survive. Name: Email:

@gmail.com Address:

Privacy-Statement: agree

x: 74 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 1:42:16 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I firmly believe that we as citizens of Nova Scotia should strongly oppose the release of any thing into the waters of the Northumberland Strait or any waters around our great province. If there is even the slightest possibility of any form of discharge into these waters that may or may not cause harm to the waters and the life that lives in this water then the answer must be a no to Norther Pulps proposal. We as citizens must protect this province and any waters, land and or air that surround this province not only for ourselves but for the future generations that follow. There is far too many so called accidental discharges put into our surrounding waters, land and air and now must be the time to say no. Name: Email: @hotmail.com  
Address:

Privacy-Statement: agree x: 61 y: 28

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 4:20:27 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The facts indicate the facility will be an improvement over the old system. The fishing industrys claim it will be destroyed, are proven incorrect by the fact that the effluent is currently in the Strait via Boat Harbour. Treating the effluent onsite and then moving out the wastewater is an industry standard. The chemicals washed into the Strait from PEI agriculture is more of a hazard.

Name: Email: @ns.sympatico.ca Address:

Privacy-Statement: agree x: 78 y: 18

**From:** @sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 4:33:32 PM

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**Project: - Choose - Comments:** The potential impacts on Marine species in the Northumberland Strait are well documented. Northern Pulps 1700 page Environmental Assessment also shows them. However, the plan to mitigate the risk is weak at best and meets regulations. Meeting regulations is not good enough when the Strait is at its max threshold for pressures. Be sure to submit your concerns online <https://novascotia.ca/nse/ea/comments.asp> SEE BELOW FOR INFO DIRECTLY FROM THEIR PROPOSAL Impact Evaluation/Effects Assessment The potential environmental effects of the project and project activities on marine fish and fish habitat are assessed in the following section. Potential Effects Marine fish could be affected by activities and components of the project during the construction phase and operation and maintenance phase. If unmitigated, these changes have the potential to change marine fish populations and fish habitat e.g., adult fish, juveniles, eggs and larvae, invertebrates and marine plants through direct mortality or indirectly through alteration or destruction of habitat. The environmental assessment of marine fish is focused on changes in marine fish populations. For the purposes of this assessment, a change in marine fish populations includes any physical injury or mortality on fish attributable to the project, and any destruction or alteration of habitat from disturbance of the marine environment.

**Construction Phase** During construction, marine fish may experience direct mortality or functional impairment resulting in eventual mortality. The placement of in-water infrastructure would have a direct effect on sessile or slow-moving demersal fish and invertebrates as they would be unlikely to avoid construction activities within the marine PFA and could experience mortality as a result of smothering or crushing. The construction of marine-based infrastructure may affect marine fish populations through a change in available substrate and size distribution, a change in water and sediment quality, or changes to the acoustic qualities of the marine environment. The process of installing marine pipelines has a direct effect on the benthic environment. In-water activities during the construction phase may also result in a change in sediment quality. The disturbance of marine sediments may temporarily increase the concentration of TSS in the water column. Suspended solids can reduce feeding and growth rates and can alter migration of salmon in nearshore habitats Robinson and Cuthbert 1996. Reduced feeding rates, avoidance behaviour and suffocation due to effects on gill function have been observed in herring from suspended sediments Robinson and Cuthbert 1996. There may also be indirect effects on fish through alterations within localized food web structures. The severity of the effect of suspended sediments increases as a function of sediment concentration and duration of exposure Newcombe and Jensen 1996. During the construction phase, vessel noise will be concentrated within the LAA and the majority of anthropogenic sound in the marine environment generated during construction will originate through trenching, pipe laying, and backfilling. There is also the potential for underwater sound if blasting is used during the construction phase. Some marine fish species may be affected when exposed to high intensity sounds Popper 2003. The sound emitted to the marine environment during the construction phase could therefore temporarily reduce the quality of fish habitat in the marine PFA.

**Operation and Maintenance Phase** Potential effects on marine fish and fish habitat during pipeline operation include the discharge of treated effluent from the ETF. These potential effects could result from: an increase in temperature, nutrients nitrogen and phosphorus, or TSS a change in colour, chemical and biochemical oxygen demand, dissolved oxygen DO, or pH or a reduction in salinity from the discharge of treated freshwater effluent into the Northumberland Strait. Lobster harvesters in the Pictou region have expressed

concern about the potential effects of the discharge of treated effluent on lobsters, particularly in the larval stage. Potential effects to fish during the construction phase may also be applicable during the operation and maintenance phase if project maintenance activities require the presence and operation of project vessels or equipment, and in-water activities that include seabed disturbance e.g., for pipeline retrieval Name: Email:

@sympatico.ca Address

: Privacy-

Statement: agree x: 62 y: 14

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 17, 2019 11:38:14 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Sir/Madam, Thank you for the opportunity to offer input on this proposed pipe project. As a former resident of Pictou, and frequent visitor to the town, I have a strong objection to the pipe going into the Northumberland Strait at any point, let alone near the PEI ferry terminal. This company and its many previous owners have a very poor environmental track record, and for it to go through the Pictou watershed is just a very dangerous plan in my opinion. I do not think that there is any safe way to dispose of their effluent at all. Boat Harbour is an environmental disaster, and pumping the same effluent, although supposedly filtered, is just not good for our environment, our fishery, our tourism, nor our health. I ask that you please do not approve the proposed pipe if it includes going into any of our waterways. Thank you for your consideration. Yours Truly,  
Name:                      Email:                      @eastlink.ca Address:

Privacy-Statement: agree x: 65 y: 17

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 18, 2019 8:48:18 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The science is solid on this project and the dept of environment and the minister should approve this project. Also an extension should be granted so the project can be done right. Name: Email:

@gmail.com Address:

: Privacy-Statement:

agree x: 65 y: 28

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 18, 2019 9:14:13 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This shouldnt happen and this plant needs to either shape up environmentally or ship out. We as a province, or at least government cater to the elite and punish the poor in the process. Name:

Email: @gmail.com Address:

: Privacy-Statement:

agree x: 62 y: 27



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 18, 2019 10:33:34 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In conducting this Environmental Assessment, you bear a serious responsibility to the people and the environment of the Northumberland Strait area, to finally ensure protection of the ocean environment and of the people, indigenous and non-indigenous, whose lives and livelihoods depend on that protection. In fact, your responsibility is to all Canadians, for we all share in the consequences of every decision of this nature. It is appalling that Northern Pulp and the Nova Scotia government have already spent years polluting the waters of Northumberland Strait and ignoring the rights and legitimate concerns of the Pictou Landing First Nation and of other local residents, particularly fish harvesters and people involved in tourism. The concerns about this new proposal are multiple, serious and urgent, as the proposal and the continued delays in promised remedial action pose huge further risks to the environment, public health, and society. They have been fully documented and detailed repeatedly by the Pictou Landing First Nation, by the Northumberland Strait Sportfishing Association and others. Please refer to their submissions, which I wholeheartedly support, and implement their recommendations. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 47 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 18, 2019 11:55:17 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Im a Nova Scotia resident, married into a family with long term ties to Caribou Island. Im a zooplankton ecologist by training, and did most of my Ph.D work on zooplankton ecology in estuarine systems. Ive read through the Environmental Assessment, focusing on the sections where I have relevant education and work experience, and have a few comments and questions that I believe warrant some further focus. The project proposes to release the effluent at a depth of ~20 m. The Registration Document Section 8.11.2.2 states that the in situ salinities are above ~28 PSU, with temperatures varying over the annual cycle, from below 0Â° to 3Â°C in the coldest period to average temperatures of 17-18 Â°C during the warmest periods. The effluent is warmer 25-37 Â°C and less saline ~4 PSU than the ambient conditions throughout the year, and will therefore have less density. As a consequence, the effluent and mixing products of effluent and seawater will rise toward the surface until the density of the mixing product equals ambient densities at that depth. Subduction of fresh water is used in other parts of the world to effect transportation of nutrients from depth toward the surface in vertically stratified systems. Vertical stratification in the Northumberland Strait seems weak based on results presented, so the vertical advection set up by the diffuser system will probably have marginal effects in terms of transport of naturally occurring nutrients. It will however very likely lead to an efficient mixing of the effluent with seawater, at higher dilution ratios than used in the calculations below in to order to bring mixing product densities in line with natural densities, the numbers used in the circulation calculations below are therefore conservative. In Appendix E1, p. 16, it is explicitly stated that their baseline water quality, taken from the Pictou Road location, is expected to be "worse off" than the actual conditions in Pictou Harbour, yet the report uses these same values in estimating dilution ratios to background values p. 24. This is misleading at best i.e. elevated baseline, implying that the calculated dilution ratios of the water quality parameters are "best case" scenario values. I also have a question regarding how the dilution ratios were calculated. On page 25 it is stated that the ambient salinity is 28 PSU, vs an effluent salinity of 4 PSU, and that a dilution ratio of 7 is needed to reach background levels of salinity. 7 is indeed the ratio between the effluent and ambient concentrations, but this number has little relevance for when the mixing product reaches ambient concentrations. 1 m<sup>3</sup> of effluent contains 4 kg of salts/TDS, the content of 7 m<sup>3</sup> of seawater is 7\*28 kg. The total content of salts in 8 m<sup>3</sup> of mixing product is therefore 200 kg of salts/TDS, or a salinity of 25 PSU. This is ~11 lower than the seawater, to reach 5 of seawater salinity a dilution ratio of 16 is needed, to reach within 1 of seawater a dilution ratio of 85 is needed. The QA section in Appendix E2 shows the correct formula for calculations, so why are not the correct dilution ratios applied in this section in Appendix E1? In order to dilute the effluent to the design aim dilution ratio 144:1, Section 5.2.4, a daily average of 9 158 400 m<sup>3</sup> of "dilutant" e.g. seawater is needed e.g. 144x average discharge, 63 600 m<sup>3</sup>, Table 5.2.1, with 12 240 000 m<sup>3</sup> needed daily at maximum discharge 144 x 85 000 m<sup>3</sup>. If dilution is to occur, this constitutes an average inflow to the effective dilution area of 106 m<sup>3</sup> s<sup>-1</sup> maximum ~141 m<sup>3</sup> s<sup>-1</sup>. To put that in perspective, the annual average discharge rate of the St. Marys river in Nova Scotia is 45.6 m<sup>3</sup> s<sup>-1</sup>, the St. Johns River in New Brunswick ~ 990 m<sup>3</sup> s<sup>-1</sup> Source Wikipedia. According to modelling studies Galbraith, P.S., ChassÃ©, J., Caverhill, C., Nicot, P., Gilbert, D., Pettigrew, B., Lefavre, D., Brickman, D., Devine, L., and Lafleur, C. 2017. Physical Oceanographic Conditions in the Gulf of St. Lawrence in 2016. DFO Can. Sci. Advis. Sec. Res. Doc. 2017/044. v 91 p., the monthly averaged flows through

the Northumberland Strait NS varies over the year, with absolute monthly magnitudes spanning 300 to 7000 m<sup>3</sup> s<sup>-1</sup>, and reversals in direction i.e. general direction westward rather than eastward in some months Galbraith et al. 2017, Fig. 67-70. Compared to the most of the other parts of the GSL, long term averaged current speeds in the vicinity of the effluent outlet are rather low. Im a biologist, not an oceanographer, but based on these numbers and background circulation information I have at least 2 concerns about the pipeline: 1. Will the effluent diffuser set up a new circulation pattern e.g. estuarine circulation that will affect the current flow through the Northumberland Strait? Especially during months of low average flow through NS the necessary inflow to the diffuser is a high proportion of monthly average flow for NS as a whole, suggesting that the diffuser may potentially have a significant effect on larger scale circulation patterns. Has there been any assessment of the effects of the diffuser on the current field outside of the immediate vicinity of the diffuser? What magnitudes of changes in the present average current field is expected in the wider Northumberland Strait? 2. What is the hydraulic residence time of water parcels once they enter the Northumberland Strait, both under existing and modified e.g. post pipeline hydrographic regimes? In other words, will the effluent be diluted by "fresh" seawater, or will the water in the Northumberland Strait slosh back and forth with the tides, leading to effluent mainly being diluted by already diluted effluent? While the numbers given in Fig. 70 in Galbraith et al. 2017 suggest a reasonable flow through the Northumberland Strait under the present hydrographic regime, the 3-month current vectors in Fig. 67 and 68 suggests sluggish water exchange. According to the documents provided, a dilution factor of ~100 is expected to be reached within 20 meters Table 6.7-1, p. 115. Into this diffusion area an average inflow of ~73 m<sup>3</sup> s<sup>-1</sup> 1100 x 63 600 m<sup>3</sup> / 86 400 s would be needed to reach the stated dilution factor, and an average outflow of ~74 m<sup>3</sup> s<sup>-1</sup> 101 x 63 600 m<sup>3</sup> / 86 400 s would be produced. If the diffuser pipe is 50 m long, and we add a perimeter of 20 m around it, the resulting surface projected circumference around the 100:1 diffusion area is about 226 m. I do not have access to detailed bathymetry, but assuming an average depth of 20 m for this circumference, the area through which both out and inflows would have to pass is at most 4512 m<sup>2</sup>. If one assumes that half this area is taken by the inflow, and half by the outflow, vertically averaged current speeds set up by the dilution process would be on the order of 3.2 cm s<sup>-1</sup> at the 100:1 perimeter in the case of isotropic in/out-flow. However, due to the topography surrounding the diffuser area, anisotropy in the directions of the in- and outflows can be expected, so this is a lower bound estimate, and real current speeds set up by the diffusors are likely to be much higher. For organisms with pelagic larvae meroplankton, such as bivalves and crustaceans, the currents and circulation patterns set up by the diffuser may lead to local changes in recruitment patterns e.g. where will larvae be transported, where is the source of dilutant water. Also fish with pelagic larvae for instance herring may be affected by changes in the current fields may affect local transport/retention and also turbulence levels, which affect encounter rates between prey and predators. In order to assess potential ecological effects knowledge of current patterns for a larger region both prior to and after disturbance are needed. Apart from listing several areas some distance away from the diffuser as areas important to meroplankton, as far as I can see no "upstream-side ecology" has been evaluated in the environmental assessment, even though recruitment ecology usually has a central position in most marine stock assessments. 3. What is downstream, i.e. what is the position of the expected plume of diluted effluent? 4. What is upstream, i.e. where will the water that dilutes the effluent come from? 5. Do either down- or upstream coincide with fish spawning grounds or shellfish banks? While the levels of nutrients e.g. P N added by the effluent are relatively small, the effluent has a relatively high chemical oxygen demand. The ratio of COD to BOD suggests that a fairly high proportion of the COD is non-biodegradable. 6. What type of material is it that makes up this COD? Is it dissolved, particulate or colloidal? Is it totally non-biodegradable, or just very slow to

decompose? 7. If COD matter is particulate, what is its density, and is it prone to flocculation? I.e., can we expect it to either settle to the bottom or accumulate at the surface. 8. If particulate or colloidal, is it of a size fraction that can be expected to enter the food-chain, i.e. will it potentially be taken up by filter-feeding animals such as bivalves and plankton? If taken up, is bioaccumulation likely? 9. What is the modelled overlap of the effluent plume with commercially harvested shellfish banks? I assume that being directly downstream of the diffuser may reduce commercial value of shellfish attractiveness to consumers. 10. Based on BOD, currents, modelled effluent plume and bathymetry, what are the probabilities of formation of low oxygen zones dead-zones downstream of the diffuser? While the Environmental Assessment covers a lot of ground and is very voluminous, it seems to me that the potential for effects beyond a very localized area have been largely omitted in the analysis. Overall the zone of influence of the diffuser used in the environmental assessment seems very restricted, at least when looking at ecological rather than physiological effects. To me that seems like a glaring omission in what actually constitutes a large-scale natural experiment. Looking at this from the outside, I would also encourage more inclusion of Nova Scotias excellent marine research institutions, so that they can evaluate and report back on what may either be a triumph of environmental engineering, or a tragedy of the commons. Name:

Email:                    @gmail.com Address:

Privacy-

Statement: agree x: 71 y: 29

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 18, 2019 4:59:52 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please do not allow  
Northern pulp to spread this toxic waste over my home Name: Email:  
@gmail.com Address: : Privacy-  
Statement: agree x: 71 y: 37

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 8:16:15 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This new treatment facility has the science to back up the company facts. I support the new treatment facility.

Name: Email: @bellaliant.net Address:

Privacy-Statement: agree x: 52 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 8:35:44 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the science and the jobs its brings the province. For 52 years its been going into the strait and hasnt hurt the fish that I am aware of. With new technology how can it be worse? I think an extension is very reasonable. If everyone works together we can all stand to profit and maintain a health ecosystem in the strait Name: Email: @gmail.com Address:

: Privacy-Statement: agree x: 60 y: 29

**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 9:05:57 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel that Northern Pulp shouldnt have tyo do a Federal Assessment just because of pressures from outside. I feel that our treatment plant will meet federal regulations, so I do not see what the concerns are. Name:  
Email: @northernpulp.com Address:

Privacy-Statement: agree x: 51 y: 25



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 9:58:51 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project should proceed and an extension needs to be granted to allow for the continued operation of the plant during the construction Name: Email: @gmail.com  
Address:

: Privacy-Statement: agree x: 56 y: 24

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's proposed effluent pipe into Caribou Harbour  
**Date:** February 19, 2019 1:19:47 PM

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My name is \_\_\_\_\_ I have been a fisherman for almost 30 years fishing in and around the area of the proposed Northern Pulp effluent pipe. I fish lobster, rock crab, herring and scallops. This is my comment concerning the effects of the pipe on our fishery.

Caribou Harbour is one of the largest rock crab nurseries in the Eastern Gulf, containing millions of female and juvenile crab. The survival of the lobster industry in this end of the Northumberland Strait depends on the health of this rock crab nursery. Crab is the main food supply for lobster. Northern Pulp's plan to excavate a trench through the centre of this very special eco-system may spell the end of the lobster fishery in this area.

Regards

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 3:39:31 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Me and nearly all my family and friends work in the forestry industry. I have read the document and I believe in the science. I dont believe that 5 years was or is enough time for a project of this size therefore an extension needs to be granted to keep novascotians working at home with family and friends.  
Name:                      Email: Address:

Privacy-Statement: agree x: 64 y: 33

**From:** @icloud.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 7:35:34 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: If Northern Pulp wanted to be good neighbors as they are now pleading they want to be, they would not have created the nightmare environment that surrounds them !!! Time to leave youve done enough damage.

Name:                      Email:                      @icloud.com Address:

:

Privacy-Statement: agree x: 70 y: 17

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 19, 2019 8:18:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: i believe that a few people have scared the fisherman into thinking the new treatment plant would harm their fishery. Treated effluent has been going into the Northumberland straight since the Mill has been built. Fishers and the mill have been using the Straight for years with no problems. Now the new plant Effluent is going to be cleaner then before .That is reason to approve the Replacement Effluent Facility.This is the newest system available ,and Northern Pulp is willing to spend millions of Dollars to make it right.That is why i hope you give them the OK on this project. Name: Email: @ns.sympatico.ca Address:

Privacy-Statement: agree x: 30 y: 33

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Feedback opposing the Northern Pulp Waste Proposal  
**Date:** February 20, 2019 8:48:48 AM  
**Attachments:** [petition\\_comments.pdf](#)  
[petition\\_signatures.pdf](#)

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Hello Premier McNeil and Minister Miller,

I am attaching signatures and comments from a petition that I started about 1.5 years ago when Northern Pulp made their waste proposal public. You will see 23,000 signatures from people all over NS, the Maritimes, the rest of Canada, and the World. You will see 55 pages of comments that people took the time to leave to express their concerns towards a toxic effluent pipe into the Northumberland Strait.

After reviewing all of the signatures, comments and where people reside, the message is very clear. Our reputation of warm clean ocean water and sandy beaches and our world renown seafood is at risk on THE WORLD STAGE!

We DO NOT want our reputation changing to polluted oceans and beaches and contaminated seafood. The economic fall out would be catastrophic.

Sincerely,

Recipient: Minister Environment of Nova Scotia, Minister McKenna, Jonathan Wilkinson

Letter: Greetings,

Minister Miller, Minister Wilkinson and Minister McKenna,

Today we have dozens of rivers that dump into the Northumberland Strait not counting tributaries. The Strait is a main passage for our a lot of marine species including Waterfowl. It is a place for them to feed, rest and live. However all this is at major risk with the proposed 90 million litres of effluent to be pumped into the Strait a day. The effluent at the outflow of the pipe is going to come out at 25c in the Winter and 37c in the summer!! (The natural water temps of the Strait reaches 15C in the summer ) These temps will absolutely change the diversity and make up of this sensitive and important marine ecosystem. This will increase the overall temperatures of the Strait over time due to the high volume of effluent being pumped a day.

The Effluent is going to be fresh water. The Strait is comprised of salt water and species that require a specific level of salinity. At a rate of 70-90 Million litres a day, the salinity of the Strait will change as the waste continues to accumulate over time. This will impact Wetlands, all species that use the Strait as well as the food sources within.

The makeup of the toxic chemicals that will be part of the effluent will also pose major threat to marine life. The communications officer for Northern Pulp has said a few times that the current infrastructure of the mill cannot handle the new proposed effluent makeup because it will be to corrosive to their internal setup and that pumping it into the Strait is the most economical option for the Mill. However, there are many scientific documents that show the risk and harm that will come from this.

Furthermore, the effluent would contain chlorines, dioxins, metals, among other toxic constituents and will contain 935kg of solid materials per day. All of these can bioaccumulate, having catastrophic effects on marine life. Laboratory studies using individual chlorinated organic compounds that are commonly discharged from bleached pulp mills have demonstrated effects such as deformities, as well as embryonic and larval mortalities in fish. These chronic effects will jeopardize the future of many fish species and damage the integrity of the ecosystem. It is documented that Dioxins contaminate fish and shellfish because fish act like sponges for Dioxins,

accumulating them at 25,000-50,000 times the concentrations present in their environment. It also is reported that fish species 250 miles away from the source have been impacted.

The other obvious threat to the Strait is the colour of the water will change. The effluent due to its makeup will change the colour at the water at the outflow of the pipe which is positioned a few kms offshore and directly into the Strait. At millions of litres a day, this will impact a very large area and ultimately change the natural state of the ecosystem.

The Strait already has several large dead zones due to nutrient overloading from many sources. It cannot handle any additional pressures. Boat Harbour, once a very healthy estuary and wetlands is an official environmental disaster due to the mills current waste process. The NS Government is mandating that it be stopped by 2020 and cleaned up. However, the option Northern Pulp came up with is to dump it into the Northumberland Strait! We need Federal involvement and a full Environmental Assessment completed to ensure that the proper scientific testing is done and risks highlighted.

These are only a few points of a concern from a very long list that this pipe will cause. Our wetlands and surrounding marine habitat are not the only things at risk here. Atlantic Salmon, Trout, Herring, Gasperaux, Smelt, Eels, Whales, Atlantic dolphins, Tuna, Mackerel, Striped Bass, etc etc etc all will be impacted by high water temps, toxic chemicals, changes in salinity and water clarity.

You can help by submitting feedback on the Environmental process by sending your concerns to [ea@novascotia.ca](mailto:ea@novascotia.ca)



# Comments

Name	Location	Date	Comment
	Dartmouth, Canada	2018-04-13	I believe this is absolutely not being Good Stewards of the environment.....this should never have been the only option....for that matter an option at all!!
	Canada	2018-04-13	Nothing good can come of this. We need to start caring for our oceans and coastlines.
	Trenton, Canada	2018-04-13	I am 100 1 % for this the plant. They make enough money to billed the best effluent pond on their property and not pipe ont in the harbor or strait they are cheep
	Burlington, Canada	2018-04-13	#nopipe
	porters lake, Canada	2018-04-13	We need to protect our current fishing population that we have or we won't have it for future Generations
	Aspen, Canada	2018-04-13	Concern for freshwater & saltwater fisheries, aquaculture & ecosystem.
	Chester Basin, Canada	2018-04-13	This is a disgrace money hungry corperations cutting corners to line there pockets.
	Bickerton West, Nova Scotia, Canada	2018-04-13	#nopipe
	Toronto, Ontario, Canada	2018-04-13	This mill is destroying habitat with clear cutting, spraying toxins from the air, poisonous air pollution and dumping of toxins in Pictou Harbour. Shut it down.
	New Glasgow, Canada	2018-04-13	NoPIPEDon't Destroy our Fisheries!
	Pictou, Canada	2018-04-13	The dead zone that exists in the strait now that was created from boat harbour outflow is very large and no fish live in that area . We need the Feds to investigate that under section 35 of fishery act. That would be a start . Many criminal charges could be laid already but nothing seems to be happening
	Fall River, Canada	2018-04-13	This is not an environmentally responsible or sustainable way to manage and operate any business. There is a complete disregard and disrespect for our marine environment and everything living within the ecosystem, which concerns me greatly.
	Westminster, Colorado, US	2018-04-13	This is a disgrace. No concern for the future.
	New Glasgow, Canada	2018-04-13	I'm signing this petition because I am fully against the pipe being put into the straight. It will hurt the fisherman, plant workers, buyers, helpers, tourism in the county and destroy sports fishing.

Name	Location	Date	Comment
			Salmon are already at a minimum in our rivers. Let's not ruin it even more.
	Timberlea, Canada	2018-04-13	I been saying this for years we need help💎💎
	New Glasgow, Canada	2018-04-13	Saving our waters for future generations is number one
	New Glasgow, Canada	2018-04-13	It is not the 1960's any longer. We KNOW that marine environments need to be protected for their sustainability, their marine life and marine plants. Professor Oliver (oceanographer) from Dalhousie Univ. recently reported the oceans are warming faster than ever. There is no guarantee what will happen to the Northumberland Strait if 70,000 million litres DAILY of 37C hot, FRESH water effluent is piped into it on a continuous basis year after year. Not another Boat Harbour! #nopipe!
	Halifax, Canada	2018-04-13	There's a better way to create jobs than killing the Strait. If the Govt doesn't ruin legal cannabis before it gets off the ground it would be nice to see a pulp mill turned into something more positive.
	Victoria, Canada	2018-04-13	If Northern Pulp cannot safely dispose of the effluent they should not be allowed to produce it. There is no justification whatsoever for putting the interests of Northern Pulp or the Nova Scotia government before the safety, health and reproduction security of all species indigenous to the Northumberland Strait and its tributaries.
	Seaview, Pictou County, Canada	2018-04-13	I signed this petition because the people of Pictou County have been abused for far too long by this mill and government(s) who have allowed excessive toxic emissions and effluent to destroy our land, water and air. Enough is enough, don't let this continue and ruin our fisheries and beaches.
	Stellarton, Canada	2018-04-13	It is a bad Idea to pump that effluent into the strait where there is so much fishing and tourism involved
	Shelburne, Canada	2018-04-13	No pipe - and kick this company out. They are polluting our air - water and destroying entire forests to get their pulp.
	Hunter River, Canada	2018-04-13	I am completely disgusted they would even consider pumping effluent into the strait in this day and age. All the work peop.e do to recycle, stop using poisons, unleaded gas, electric cars etc There are plants that can be built to clean the water instead of disrupting our ecosystem. Has anyone considered what this will do to the beaches? The north shore of Nova Scotia and the south shore are the warmest waters north of the Carolinas with beautiful world class beaches..... will you still want to swim there or let your babies play in that sand?
	Wabush, Canada	2018-04-13	The Northumberland Strait is a rare and precious aquatic environment! Why would we as Canadians allow a foreign owned Forestry company to pump effluent into this pristine environment? Tell them to fix their environmental issues and stop polluting our waters!!

Name	Location	Date	Comment
	Q. Cove, Canada	2018-04-13	Why do we risk our earth with oil at all when there are so many other cleaner solutions at hand....Wind, tidal, solar, geothermal, hemp...take your pick, jobs for many and ahhhh, gotta love the smell of all that fresh air
	Stourbridge, England, UK	2018-04-13	Why are they allowed to keep poisoning people. Do no politicians care.
	Lower Sackville, Canada	2018-04-13	If you cannot pump a sewer into a lake why would government allow this to be done?
	Luxembourg, Luxembourg	2018-04-13	Certains " humains " ne sont pas en dessus de tous! C'es notre devoir de respectez et protegez les animaux et les oceans. Eux, aussi on le droit d'avoirs une vie saine sur ce planète! Vous, le savez? Prenez, votre responsabiltée arrêtez et aidez, s.v.p. Civilisez? Bien triste, de signez des pétitions. Merci.
	Antigonish, Canada	2018-04-13	
	Sherbrooke, Canada	2018-04-13	Such a terrible idea.
	Sydney, Canada	2018-04-14	I'm signing because humans suck.
	NEW GLASGOW, Canada	2018-04-14	what will we tell the Grand children when they ask Grampa why wont anyone eat the fish or lobsters from here , Grandma why cant we swim in the beach , Grampa we cant sunbath on our beaches because the sand & water stinks Grandma how come I have a hard time to breath & my eyes burn when I am close to the water
	Margaree Forks, Canada	2018-04-14	We need to protect our resourses. The environment is stressed as is, and we must push for better regulations and environmental laws to reduce the polution and stress on our land and waters
	Westville, Canada	2018-04-14	I'm signing because I don't want the pipe #nopipe
	Antigonish, Canada	2018-04-14	The natural environment is our most important resource.
	Porters Lake, Canada	2018-04-14	I'm signing because I like to eat clean and fresh fish not ones full of chemicals.
	Leeuwarden, Netherlands	2018-04-14	please sign&share
	Amherst, Canada	2018-04-14	We don't know the ramifications of this and I don't want to have to deal with the negative consequences.
	Halifax, Canada	2018-04-14	Don't know consequences.
	Ottawa, Canada	2018-04-14	
	LYON, France	2018-04-14	PROTEGEZ LES SAUMONS DU NORD- THUMBERLAND / CANADA

Name	Location	Date	Comment
	Dartmouth, Canada	2018-04-14	dumping waste water is not a very environmental idea mr. "environmental" ""minister "" use your head.
	Zdroisko, Poland	2018-04-14	Getekend
	Scotsburn, Canada	2018-04-14	We have to protect our waters
	Dartmouth, NS, Canada	2018-04-14	I think this is the right thing to do!
	Oxford, Canada	2018-04-14	Northern pulp must he stopped. They can do whatever they please
	Westville, Canada	2018-04-14	Concern about all aquatic species in the Strait
	Japan	2018-04-14	賛同
	Pictou county, Canada	2018-04-14	It is insanity to allow pulp mill effluent into spawning, nursing and migratory waters. Protect the environment. Don't destroy it.
	Wolfville, Canada	2018-04-14	Projects like this can't be allowed to ruin our water ways and fisheries!
	Prince, Canada	2018-04-14	It's a scary world when idea's like this are seriously being considered
	Sydney, Canada	2018-04-14	On it's own, this is a bad idea. Given who's proposing it and backing up the "no harm to the environment" claims, and their lying track-record, we'd be masochistic not to fight it.
	Dartmouth, Canada	2018-04-14	This pipe will ruin the environment in the Northumberland Strait. It must be stopped
	Wolfville, Canada	2018-04-14	Tired of this companies disregard of the environment
	timberlea, Canada	2018-04-14	I find it hard to believe that in 2018 I have to sign something like this to force the government to protect our fisheries and ultimately our very own health. Have we learned nothing?
	Belle River, Canada	2018-04-14	Don't want that hot poison water being dumped in the ocean..
	Powell River, Canada	2018-04-14	I grew up with clean clear water, our oceans face terrible challenges already, we need to stop using our planet as a dumping ground for unneeded profit seeking industries.
	Coventry, US	2018-04-14	The environment is globally under attack from special interest groups. Nova Scotia especially needs a break because it still maintains, in many regions, that ability to maintain fragile species. The Northumberland Strait is one of these ecosystems that needs this special consideration.
	Merigomish, Canada	2018-04-14	Do not destroy our beauty and fishery!
	Moncton, Canada	2018-04-14	STAP EET!!

Name	Location	Date	Comment
	Celebration, Florida, US	2018-04-14	I own a summer home at Melmerby Beach.
	Mount Uniacke, Canada	2018-04-14	I love my Grandkids.
	France	2018-04-14	I sign
	Hamilton, Canada	2018-04-15	We need to save our fresh Trout and Salmon.
	Montague, Canada	2018-04-15	They must have effluent treatment in place before releasing it into the strait
	Pictou, NS, Canada	2018-04-15	There is no reason good enough to put this area of the ocean at risk. The track record of this mill is historically terrible and has had enough help from the taxpayers of Nova Scotia.
	Mount Stewart, Canada	2018-04-15	I care about what is done to our environment.
	Mount Stewart, Canada	2018-04-15	We need to stand up and take notice of what is being done to our environment!
	North Sydney, Canada	2018-04-15	Our provincial govt has shown time and time again that they can't handle projects at this size appropriately. They allowed Northern Pulp, who is only tested 4 times a year, to exceed emissions for about 4 years because they were 'working towards compliance'. Northern Pulp used that time to set production records instead of reducing their emissions. When the original 'world class treatment facility' was built, they noticed how horribly bad it was after two days after it killed all of the fish and became the worst case of environmental racism in the province. That was 51 years ago and still won't close for another 2 years. If that pipe goes in, I'm sure the same logic will be in place that if we notice that it is a mistake, even after 2 days, we will likely see that pipe continue for 50 years. And if the company has something go on that they need to fix that makes things worse while they 'work towards compliance', I'm sure they'll take that opportunity to break production records over showing any concern
	Pictou, Canada	2018-04-15	I live on this Strait. Our waters need to be protected for our fisheries, our tourism, and our people. In 2018 it is unthinkable to pollute the water (and our air), like a third world country.
	Dartmouth, Canada	2018-04-15	Waste heat dumping will affect the marine ecosystem. Use a cooling tower.
	Petitcodiac, Canada	2018-04-15	our environment is more important than paper
	Fort McMurray, Canada	2018-04-15	
	TOURCOING, France	2018-04-15	La pêche n a rien d un sport ce n est qu une autre façon de nommer la maltraitance animale signé et ptg svp

Name	Location	Date	Comment
	Moncton, New Brunswick, Canada	2018-04-15	Our Province needs us to protect it and it's ecosystems. There is another way to do what they want to accomplish. Take the time and figure that out without destroying ecosystems and habitat.
	Edmonton, Alberta, Canada	2018-04-16	We have to start paying more attention to our land and water instead of the money.
	Dartmouth, Canada	2018-04-16	I enjoy the outdoors and love my province and community!
	Berwick, Canada	2018-04-16	Signed
	Pictou, Canada	2018-04-16	We need to protect our waters. NO PIPE!!!!
	Westville, Nova Scotia, Canada	2018-04-16	This is a crime against humanity! And we will pay!!
	Halifax, Canada	2018-04-16	Really good cause!
	Saint Peters, Canada	2018-04-16	absolute LUNACY to pump all that CRAP into the Strait.
	Nova Scotia, Canada	2018-04-16	I don't want the same damage done to the east coast that has been done west.
	Kissimmee, Florida, US	2018-04-17	I support marine life!
	Canada	2018-04-17	1000 + signatures!! Thanks for great feedback and continue to share. Here is a great article on Bleach Kraft Effluent and Marine Life. <a href="https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/ewh-semt/alt_forma">https://www.canada.ca/content/dam/hc-sc/migration/hc-sc/ewh-semt/alt_forma</a>
	Chester, Canada	2018-04-17	
	Little Narrows, Nova Scotia, Canada	2018-04-17	Our fishing industry, & tourism brings far more \$ into this province than Northern Pulp. Environmental issues need to be appropriately addressed. It's time to clean up toxic pollution in this province.
	Dartmouth, Canada	2018-04-17	Why on earth would anyone allow this to happen.
	Chéticamp, Canada	2018-04-17	This should be illegal in Canada because it will poison our offshore waters with effluent from a mill that has not followed environmental laws for decades. Shame on our government.
	Canada	2018-04-18	I am signing this because the proposal to pump 90 million litres of effluent a day into the Northumberland Strait is unacceptable.
	Orangedale, Canada	2018-04-18	I'm signing because this is something that can be changed.
	Salt Springs, NS, Canada	2018-04-18	An effluent pipe would be a crime and a travesty! Very adverse effects for fishermen, home and cottage owners along the shore and beach goers.

Name	Location	Date	Comment
	Halifax , NS, Canada	2018-04-18	Ingnore our environment at our peril!
	Grand Etang, NS, Canada	2018-04-18	Did they hire Scott Pruitt to consult on this, or what? Over-the-top insanity!
	Antigonish, Canada	2018-04-18	Let's keep our waters and fishing industry safe!
	Houston, Texas, US	2018-04-18	#nopipe period. End of story.
	New Glasgow, Canada	2018-04-18	The resource in our waters should be protected from dumping waste of any nature
	Stratford P.E.I., Canada	2018-04-18	Do not even think of this happening we are not Montreal.
	Mabou, Nova Scotia, Canada	2018-04-18	Many fishermen in Atlantic Canada depend on the fisheries for their livelihood. The damage to the ecosystem by this greed is will kill to many already endangered species.
	Mabou, Canada	2018-04-18	As an oysterman in Mabou Harbor, featuring world renowned oysters. The Northern Pipe effluent release is something I will vigorously protest.
	Charlottetown, Canada	2018-04-18	Brought up in a fishing family
	Tatamagouche, Canada	2018-04-18	The combined value of these fisheries is in the Millions of dollars which supports about 7100 fisher persons in the Gulf . Compare this with only about 300 employed by the Pulp Mill .
	vero beach, Florida, US	2018-04-19	Because of the unthinkable,poorly imagined ,and horridly demeaning slap in the face of species that 'dont speak english'...human beings were made,to demonstrate high intelligence; what happened ? Its akin to saying "We dont care about Life!" . The fish,that i kill, to provide sustanence,are dispatched with prayers and blessings...this is wholesale ,Godless greed, for "the Love of money, is at the root of all evil...." Must stop !
	Three Fathom Harbour, Canada	2018-04-19	Northern Pulp must stop polluting, whether that be in Boat Harbour / Pictou Landing, or in the Strait! Enough. #NoPipe
	Donkin, Canada	2018-04-19	I believe that our environment and diversity of fish and wild life is more important than the profits of corporations.
	Wallace, Canada	2018-04-19	I care about protecting our natural environment for future generations!
	Herring Cove, Canada	2018-04-19	What a disgusting thing to do to this beautiful area and the natural environment. Toxic, deplorable.
	Upper Tantallon, Canada	2018-04-19	Stop polluting the waters

Name	Location	Date	Comment
	Edmonton, Alberta, Canada	2018-04-20	I've seen and smelled the damage Northern Pulp is responsible for, and am aware of the health impacts in Pictou Lansing. Stop this now!
	Schomberg, Canada	2018-04-23	The livelihood of fishermen and their or I should out fishing ground are worth more than that plant will ever be , the plant has already destroyed tourism in the area , were they should be swamped with people whating to visit and enjoy thief waterfront
	Antigonish, Canada	2018-04-23	We need to protect our land and water. This is unacceptable.
	Halifax, Canada	2018-04-24	I've seen the destruction to the environment in the bays and inlets this where this company spued their poison. A pipe further into the strait would destroy beaches, our fish,oysters etc and is Unacceptable . They hold jobs as ransom! Never liked their presence or their stink
	Roanoke, Virginia, US	2018-04-25	We MUST save species for future generations!
	Halifax, Canada	2018-04-26	I care
	NEW GLASGOW, Canada	2018-04-26	Northern Pulp has gone too long disrespecting our forests , waters ,&people
	SAntigonish, N.S., Canada	2018-04-26	L
	Berwick, Canada	2018-04-26	I know its a huge subject and this place provides a lot of jobs but we have to start taking a serious look at our environmental impacts rather than just saying yes to money and comfort. NOPIPE
	Kings Head, Canada	2018-04-27	I too am very concerned about the safety and doing everything we can to protect our waters . We have too much at stake to not take this seriously .
	Warsaw, Poland	2018-04-27	I care about my home.
	Halifax, Canada	2018-04-27	Nova Scotia forests should not be a toilet paper farm for China or anywhere. Our water is not a toxic dump. Northern Pulp your day is over.
	Fall River, Canada	2018-04-27	Too much is at risk and the evidence of risk is overwhelming after 51 years. Dead zones and the lack of accountability or real enforcement in Nova Scotia for industries that don't put human life and the environment first.
	trenton, Canada	2018-04-27	I want clean air, water and land free of mill pollution!
	Pictou, Canada	2018-04-27	Because we need to protect our marine environment, the fishery and tourism industries that this effluent pipe will destroy.
	Saint John, Canada	2018-04-27	I am deeply disturbed that such a disasterous option would even be considered!



Name	Location	Date	Comment
	Antigonish, Canada	2018-04-27	We shouldn't be going backwards in how we treat the environment. We have one earth, we shouldn't be taking shortcuts because they cost less. There is always a better way. It's 2018, haven't we learned by now?
	New Glasgow, Canada	2018-04-27	Northern Pulp is an environmental disaster and the worst part is that the government of NS keeps handing them millions and millions of the taxpayers money to keep going. It's absolutely shameful.
	Miramichi, Canada	2018-04-27	We know better. We can do better.
	Sackville, Canada	2018-04-27	Water is life.
	New Glasgow, Canada	2018-04-27	I am very concerned! It just doesn't make sense to dump millions of litres of toxic waste into our ocean. Our ocean will become an environmental disaster! Also my family's livelihood is at stake if the the oceans fish stocks are destroyed. Why are there different rules for different government departments? If I were to do any type of work near a river I would have to install a barrier around the river to protect it! Why not protect our oceans!
	Halifax, Nova Scotia, Nova Scotia, Canada	2018-04-28	This whole idea of pumping pulp mill waste water full of chemicals into a delicate ecosystem that many in the area cherish and rely upon for their livelihoods is absolute insanity. I WANT THIS ENTIRE MILL OPERATION SHUT DOWN IMMEDIATELY!!!!
	Halifax, Canada	2018-04-28	No job is worth ruining our environment!
	Halifax, Canada	2018-04-28	It is fucking ridiculous how all technology changes yet the oil/car industry stays the same. Oil is destroying our planet. Green energy is the only way. Save the planet. And might I add, go vegan!
	Hunter River, Canada	2018-04-28	I 'm opposed to the Northern Pulp's Effluent Pipe being placed in the Northumberland Strait. The water of the gulf, the strait and the the Atlantic are not a limitless dumping ground for corporations. Marine ecosystems and and the species they support are already stressed and threatened.
	Mount Uniacke, Nova Scotia, Canada	2018-04-28	Dumping toxic waste in the Northumberland Strait will create an environmental disaster that will affect fisheries and tourism. Time to realize our environment is precious and make protecting it a priority.
	Halifax, Canada	2018-04-28	To allow the effluent from a NS pulp & paper mill to flow untreated into the Strait is to disregard the forms of life living in this body of water and to say that once again, the economic bottom line of one industry supercedes any other consideration. This is short-sighted thinking. My family has had a summer property for decades on the south shore of PEI, and we have already seen an increase in the water temperature, and a concomitant alteration to the diversity of species, as a result of climate change. The temperatures of the effluent will further affect this. But of course the toxicity of the effluent is another concern. Fish & seafood stocks will be affected, as well as the livelihoods of fishers. I also wonder if the water will be safe to swim in... some days frothy bubbles wash up on shore as

Name	Location	Date	Comment
			a result of who knows what effluent already in the water. Will my nephew's children, 35 years from now, have to swim in a pool rather than the ocean...?
	Halifax, Canada	2018-04-28	This is sociopathic behaviour given our present day understanding of the consequences of these actions.
	Truro, Canada	2018-04-28	I do not trust this government to take adequate precautions to protect our water.
	Mulgrave, Nova Scotia, Canada	2018-04-28	I'm signing because I believe in keeping all our waterways clean which means free of ALL pollutants - pulp mill waste, plastics, pesticide runoff - in short, anything that does not belong in water. I want to eat clean, unadulterated fish and sea plants.
	Kingston, Canada	2018-04-28	Don't let the waters be poisoned for the mill's convenience.
	Pictou, Canada	2018-04-28	It is unacceptable to poison the water, the people, the fish and all other species that live in or depend upon the Northumberland Strait !
	Abbotsford, Canada	2018-04-28	The pipe is The Mills attempt at an inexpensive ( cheap) solution to treat their effluent. No pipe/ better waste management on the mill site.
	Halifax, Canada	2018-04-28	it's the responsible thing to do
	Westville, Nova Scotia, Canada	2018-04-28	We all deserve clean air and water. I love my beaches. I don't believe our government is acting in our best interest; I believe they are acting on money in there pockets!
	Truro, Canada	2018-04-29	I want a clean future for our kids
	Truro, Canada	2018-04-29	We need to stop destroying our planet.
	Nova Scotia, Canada	2018-04-29	A healthy Strait serves all species in this region!
	Sydney, Nova Scotia, Canada	2018-04-29	CBRM must treat all sewage waste ( and pay the price to do so) but the big company can dump chemicals which will mix with other toxic chemicals, creating new ones, into the gulf? You're going to kill a lot of fish & people to save money for one industry? Please wake up!
	Guysborough, Canada	2018-04-29	This is wrong on so many levels.
	Canada	2018-04-29	ask them to dump in their own backyard!!!! how many jobs and lives-both human and animal will this KILL.
	N Falls, Canada	2018-04-29	Please stop 💎 this from happening!!!
	Truro, Canada	2018-04-29	Let's hope the petition has some impact.
	Halton Hills, Canada	2018-04-29	Save the North Cumberland Sraight JUST SAY NO

Name	Location	Date	Comment
	Pictou, Canada	2018-04-29	This proposal needs to be rejected if the Provincial government can not do it because their hands are held captive by Northern Pulp then send it to Federal Government. If proper science is looked at and not decision based science than it will be rejected. There is too much at risk and too much harm will be done if this is allowed to proceed.
	pictou, Canada	2018-04-30	I want my kid to grow up and be able to enjoy the beaches, go on fishing trips and boating adventures just like i did and i want him to be able to be safe doing so
	Pictou, Canada	2018-04-30	Pumping industrial discharge into waterways stopped being acceptable back when bell bottoms and disco. That this idea is being considered is a terrible joke.
	Pictou, Canada	2018-04-30	Pumping industrial discharge into waterways stopped being acceptable back when bell bottoms and disco were still in style. This is a terrible joke.
	Trenton Nova Scotia, Canada	2018-04-30	Don't destroy another area with this poisonous waste water coming from the NP Kraft Pulp Mill. We have Boat Harbour to get cleaned up. Isn't that enough toxins to clean up in our little Pictou Co. area???
	Halifax, NS, Nova Scotia, Canada	2018-04-30	I'm signing because I live in Pictou and raised there and see the distraction this plant has caused over the years.
	Hove, England, UK	2018-04-30	This pipe will kill life in the ocean, the livelihood of thousands and our precious environment. Please stop this from happening!
	Dartmouth, Canada	2018-04-30	So tired of the narrative that we have to make this easy for the pulp mill or they will pull out of the county. It is wrong to dump into the waterways. It is wrong to pollute our air. It is wrong to clearcut our forests. We need to face the fact that this is profit driven and that the company has no loyalty to our county. As soon as they're done their pillage, they will move on to other unsuspecting places to use them up.
	St. John's, Canada	2018-04-30	I'm signing because paper is not worth the lives of people, the irreversible damage to the environment or the damage to people's livelihood.
	Wakefield, Massachusetts, US	2018-04-30	It's time to stop the polluting of our precious oceans and waterways by greedy and shortsighted businesses.
	Halifax, NS, Nova Scotia, Canada	2018-04-30	Destruction was the word I meant to type. This has gone on far too long. No pipe ever should be filling our straits with toxic waste. Period
	Fortrose, Scotland, UK	2018-04-30	Save the wildlife. Keep wild places wild. No pipeline here.
	Westville, Canada	2018-05-01	To save our community
	New Glasgow, Canada	2018-05-01	If the government isn't going to do something about this then we have to! What a joke our minister of environment is! We should vote

Name	Location	Date	Comment
			someone in who actually cares about us and our health .They are finally admitting how toxic boat harbour is. But the government is going to let them put it in our ocean? So how can they justify pumping these toxins into our ocean? The rest of the world is trying to reduce emissions and here in Nova Scotia we're living in the Stone Age just going to pump everything into our atmosphere and pristine waters.This pipe is going to ruin our lobster fishery and I don't think the fishermen will stand for it. Nor will I . I talked to an engineer who has done projects at other pulp mills and he said there's definitely other options, they just don't want to spend the money! Don't for one second let them make you believe this is our only option. There's many options, one being block the access to the mill so they can't operate!
	Pictou, Canada	2018-05-01	No pipe in the strait.
	Stellarton, Nova Scotia, Canada	2018-05-01	There are more environmentally friendly ways to dispose of this effluent. I may be very uneducated regarding this topic, but the mill has already destroyed boat harbour, now they want to destroy the ocean and all that lives in it. I say NO. Spend the money to do it right without destroying our waters.
	Pictou County, Canada	2018-05-01	Keep it clean - no pulp waste in our water!
	Amherst, Canada	2018-05-01	One of the the greatest passions I have is fly fishing for trout and salmon. First is the passion and understanding of the fish itself. Without a doubt salmon are facing difficult times due to industry, whether it's fish farmers destroying there breeding and feeding grounds and the cesspools of disease they create or pollution from industry. They do not need to face another road block while swimming to breeding grounds. Keep the pipe out of the strait.
	Pictou, Canada	2018-05-01	I love our environment, our oceans, our air !! Our tress!!
	Inverness, Canada	2018-05-01	
	Pugwash NS, Canada	2018-05-01	This is outrageous. What is our Environment Minister and local politicians doing about this?
	New Glasgow, Nova Scotia, Canada	2018-05-01	Disgusting that the government continues to allow and financially support this pit of poison. No pipe!
	Lower Sackville, Canada	2018-05-01	There's too much at stake ! NO PIPE !
	Berwick, Canada	2018-05-01	Intentional pollution is disgusting. To stand aside and not protest is to enable this!
	Vancouver, Canada	2018-05-01	Keep effluent out of our food chain and waters
	Canada	2018-05-01	NO PIPE

Name	Location	Date	Comment
	Halifax, Canada	2018-05-01	I care about the environment more than I care about employment for the unemployable masses of uneducated workers. Down with the mill!
	Pictou, Canada	2018-05-02	A pipe in the Strait will be an environmental disaster.
	Jolicure, Canada	2018-05-02	I want to help secure a clean future for the Northumberland Strait
	Lockeport, Canada	2018-05-02	Absolutely NOT!
	Truro, Canada	2018-05-02	Fuck the mill!
	Nepean, Ontario, Canada	2018-05-02	These are NOT renewable resources. Put our money into something that is sustainable and healthy for the environment.
	Gatineau, Canada	2018-05-02	Stop destroying our planet... Enough destruction!!!
	RR3 Pictou, Canada	2018-05-02	I'm signing because this pipe will decimate the lobster fishing on the east coast as well as the north Atlantic right whales, salmon, sea turtles, and turn Canada's Ocean playground into Canada's ocean deadzone
	Woodbridge, Canada	2018-05-02	Enough already. Why aren't we responsible by now with our water and eco-systems. The technology is available.
	Mississauga, Ontario, Canada	2018-05-02	will we ever learn how mankind's impact affects all things
	Rimby, Canada	2018-05-02	This is one more example of liberal hypocrisy. They take the environmental high road when it comes to pipelines to transport our petroleum products and they impose carbon taxes to try to save the planet from climate change which has been occurring since the beginning of time and then Liberal Environment Minister under Chretien admitted that the science concerning climate change was phony. This is proof that these people can care less about the environment. The strongest opponents to the Trans Mountain Pipeline expansion, when they are in the BC capital, poop directly in the Pacific Ocean as Victoria does not treat it's sewage. These same goons just raised their carbon tax, yet many oppose a sewage treatment plant. And Montreal has dumped raw sewage in the St. Lawrence when opposing the Energy East pipeline. And Nova Scotia who was predominantly Liberal red in the 2015 supporting Trudeau who promised the carbon tax now has a proposed disposal pipeline to the Northumberland Strait to dump toxic effluent. Our w
	Walkerton, Canada	2018-05-02	THE NERVE OF THESE COMPANIES. DON'T THEY KNOW THE WATER IS NOT THEIRS TO POLLUTE, AND WHERE IS THE GOVERNMENT IN THIS VERY BAD IDEA.
	Hamilton, Canada	2018-05-02	Please, this is vitally important.
	Antigonish, Canada	2018-05-02	I think it is important for the Minister of Environment to do more studies to consider the long term effects a pipe like this could have on the marine life in the Strait and to consider how that may affect

Name	Location	Date	Comment
			the people and industry who depend on a stable and healthy marine life. Don't hurt one industry to protect another industry.
	Little Current, Canada	2018-05-02	It is 2018 and we shouldn't be dumping anything into the ocean, plastic and especially effluent. Build a water treatment plant for heaven's sake.
	Woodstock, Canada	2018-05-02	No more oil spills. Save our water life from crazy money grabbers!Enough !
	Gander, Canada	2018-05-02	I'm tired of govt stealing tax\$\$\$ and not using the money to help humans sustain life in and off land
	Sudbury, Canada	2018-05-02	How do you spell INSANITY ???
	Halifax, Canada	2018-05-02	I love the younger people and we really need to start to care a little about what we are actually doing with the many other choices there are that could be utilized
	Lake Country, Canada	2018-05-02	THIS century includes innovation and technology to better deal with effluent from pulp mills. Take the time to find a better way to deal with it than dump it into the strait. Invest in our future, not our past.
	Lindsay, Canada	2018-05-02	If we don't protect our natural environment there will be no future for our children.
	Assiniboia, Canada	2018-05-02	We have to quit polluting our waters and killing our marine life! There has to be a better solution!
	Brampton, Canada	2018-05-02	We are killing the oceans
	Hamilton, Canada	2018-05-02	I have seen far to much from weak minded politicians that take a quick route to solve a problem. Our waters and oceans are the life blood. Poluting our water is criminal
	Hamilton, Canada	2018-05-02	It's hard to believe that it is even on the table to pour untreated effluent into a natural water body.
	Edmonton, Canada	2018-05-02	This continuing destruction of Maritime land, clean water & food, is utterly disgusting of government. It has been over decades since pollution wrecked the land & water, more so the citizens are carrying heavy cancer issues. Most of my family & friends have died. Please stop polluting, it needs to end.
	Victoria, Canada	2018-05-02	Because this is the right thing to do
	Edmonton, Canada	2018-05-02	Business owners need to take responsibility for non-polluting options to dispose of their waste, and the government needs to ensure that this is done to ensure healthy ecosystems now and in the future.
	Toronto, Canada	2018-05-02	Other solutions that don't affect the Marine environment should be considered.
	London, Canada	2018-05-02	Thermal pollution is a real threat to fishing ecosystems.

Name	Location	Date	Comment
	Blenheim, Canada	2018-05-02	Once again, we see a company trying to overrule the needs of the environment for it's own profit. Instead, use your employees to help solve the problem and thus keep the company alive (as well as the environment of the Strait). Otherwise. shut the company down until it solves its problem (I'd feel bad for its employees if shutting down was the only solution).
	Banff, Canada	2018-05-02	We have to take a stand to protect our waters and its inhabitants!
	Burnaby, Canada	2018-05-02	
	Winnipeg, Canada	2018-05-02	We need to protect our wildlife on land and in the oceans. Pouring its effluent without it being treated is gross negligence in my book. Gone are the days of simply dumping into Our land or oceans. We now know that there are dire consequences to wildlife when we do. It goes without saying, you can't poison your food and expect to live.
	Vernon, Canada	2018-05-02	Canada is not the only country that needs to smarten up, this disgrace is going on around the whole world and is going to cost us all BIG time if it's not stopped.
	Howell, New Jersey, US	2018-05-02	The water ways of NS need to be free of pollutants that negatively effect the environment
	Regina, Canada	2018-05-02	When exactly are the persons that we elect into government going to figure out that we cannot simply dump our CRAP! into our marine systems and expect it to not have serious, negative consequences!? What year/century are we living in; 1918?
	Gilford, Ont., Canada	2018-05-02	This waterway will become unhealthy for the trout and Atlantic salmon as well as humans with temperature change and the toxic chemicals. Avoid another tragedy please!
	New Glasgow, Canada	2018-05-02	We need to protect our wildlife
	Calgary, Canada	2018-05-02	One more of man's great decisions to destroy more of the environment.
	Beaverton, Oregon, US	2018-05-02	The waters of Northumberland Strait don't stay there but work their way around the whole earth. To allow this pollution here, and similarly in many other places, is to toxify the waters of the whole planet, to the detriment of all life.
	Dartmouth, Canada	2018-05-02	Could we have a government concerned with making the right long term decision?
	Montreal, Canada	2018-05-02	For our waters and our wildlife!
	North Bay, Canada	2018-05-02	Leave our water system alone! No pipes!
	Sorrento, Canada	2018-05-02	It's the right thing to do!

Name	Location	Date	Comment
	Fredericton, Canada	2018-05-02	We've done enough damage to our environment. It's time to design and implement better solutions.
	erin, Canada	2018-05-02	Hard to believe this is happening in 2018 in Canada ! We continue to use our precious water as a toilet !!!
	Atlanta, Georgia, US	2018-05-02	We have to stop polluting our environment!!!
	Powll River BC, Canada	2018-05-03	Clean up humanity, our waste ..pay the price for a good life on a clean planet .As long as we reproduce as we do our actions will destroy us. We soon reach critical mass of selfdestruction .A few bugs ,beasts,rhinos extinct will be nothing compared to what's looming beyond permafrost meltdown. Who knows really how much methane will be released soon.Even the rich won't have anywhere to escape to.
	Pictou County, Canada	2018-05-03	My husband is a commercial fisherman and this directly impacts our livelihood
	Glen Huron, Canada	2018-05-03	The hidden effluent, exposed by environmentalist groups, conscientious media outlets and sustainable activists has shed a well deserved light on the atrocities committed by these farming operations - increased monitoring and regulation of this must be encouraged and adopted.
	Calgary, Canada	2018-05-03	Our nation should be focusing on renewable, sustainable forms of fuel - wind and solar! These practices of using oil for fuel are outdated and are doing nothing to benefit our environment
	Ottawa, Canada	2018-05-03	Dumping contaminated waste into the ocean is ridiculous and should never be allowed!
	Beaufort, South Carolina, US	2018-05-03	WHAT IS IT ABOUT HUMAN NATURE THAT WE HAVE THE CAPABILITIES TO DESTROY OURSELVES AND ALL LIVING CREATURES AND STILL DO NOTHING TO STOP IF FROM HAPPENING?
	Pictou, Canada	2018-05-03	I don't trust thus company. I believe they will ruin the Northumberland Strait if allowed to pump effluent into it.
	Ottawa, Canada	2018-05-04	This is a travesty!!
	Victor Harbor, Australia	2018-05-04	I oppose all dumping of pollution, more so when the effects are so profound. This shit has to stop!
	Houston, Texas, US	2018-05-04	#nopipe period. End of story.
	Halifax, Nova Scotia, Canada	2018-05-06	In 2018, It only makes sense
	Victoria, Canada	2018-05-06	Pollution by dilution is not a solution
	Salisbury, Maryland, US	2018-05-06	What a truly bad idea!



Name	Location	Date	Comment
	Port George, Canada	2018-05-06	As with our dirty Canadian oil refineries, it's time industry paid for their messes; treaty the stuff!
	Dartmouth, Canada	2018-05-07	I'm sure the chemical engineers would like to get this right and neutralize the effluent and get it to the right tempersture before releasing it to the environment. Don't destroy 4 indistries and the health of Nova Scotians for the sake of this one industry that we don't even profit from.
	Coquitlam, Canada	2018-05-07	It's not cheaper to dump this effluent directly into the ocean. The effects from this effluent will cost a billion times more to clean up than the few jobs it will create by dumping... If the effluent can't be disposed of in a positive way to benefit something then the whole project needs to be stopped.
	Halifax, Canada	2018-05-07	I'm concerned about our marine life.
	Charlottetown, Canada	2018-05-08	I come from a fishing family - we need to protect the Northumberland Strait ! NO PIPE
	Elizabethville, Pennsylvania, US	2018-05-08	I grew up crossing that straight. There is a very delicate balance that is important to maintain. Please look at other options.
	charlottetown, Prince Edward Island, Canada	2018-05-08	Far too risky.
	Canada	2018-05-08	Our resources are far too valuable to be destroyed.
	Whitby, Canada	2018-05-08	We've created enough ecological mess. Everyone, and every community, large or small, must deal with their own crap.
	Red Deer, Canada	2018-05-08	Complete your signature <span style="float: right;">Red Deer, Canada</span> I'm signing because... (optional) <input type="checkbox"/> Display my name and comment on this petition
	Belfast, Canada	2018-05-08	No more pipelines or other pollution .
	Brossard, P.Q., Canada	2018-05-08	Such a rich place for wildlife
	Ottawa. ON, Canada	2018-05-08	Surely the Government has considered the environmental impact
	Ottawa, Canada	2018-05-08	Using the ocean as a dumping ground has to stop.
	Victoria, Canada	2018-05-08	This effluent needs to be properly treated before being released into the environment to reduce negative impact.
	Nanaimo, Canada	2018-05-08	Stop the pipe Dave the sea life
	Ottawa, Canada	2018-05-08	We must prevent the destruction of our waterways. The Great Lakes and St Lawrence Seaway are part of the largest freshwater system in the world. We should preserve it.

Name	Location	Date	Comment
	Ottawa, Canada	2018-05-08	Designing a pipe to dump waste water from a pulp into a productive and remarkably beautiful stretch of Canada's coastline waters is wrong in so many ways.
	Owen Sound, Canada	2018-05-08	There is no long term future for oil. It is a finite product which will disappear. I do not see any Government programs for long term energy production that does not involve oil. The Federal Government is failing it's promises and ignoring the Canadian people's wishes. The economy does not make a country, the community and the people make a country.
	Moberly Lake, BC, Canada	2018-05-08	Oceans should no longer be used as a sewage pond for human waste.
	Kingston, Canada	2018-05-08	The Gulf of St. Lawrence is not your toilet.
	Chatham-Kent, Canada	2018-05-08	Don't mess with the oceans. No pipelines in Northumberland.
	Venice, California, US	2018-05-08	We need Marine animals natural waters marine life etc. Think upanother way to deal with to deal with toxic waste. No pipeline.
	London, Canada	2018-05-08	As a former resident of New Brunswick, I understand the delicacy of that ecosystem and would be appalled to see it damaged.
	Edmonton, Canada	2018-05-08	What is the matter with you people?! Haven't you heard of a sewage treatment plant?! Where is all the money that the Feds promised for infrastructure???
	Saint Catharines, Canada	2018-05-08	There is a better solution to the problem.
	Toronto, Canada	2018-05-08	You bet I'm signing this. How can you possibly think that dumping all that crap in the water will not harm or destroy what is there? Canadians love our fresh clean water ways. Don't mess with it.
	Halifax, Nova Scotia, Canada	2018-05-08	Please be reasonable and say no to the environmentally UN-friendly idea of dumping effluent into the Northumberland Strait!
	elora, Canada	2018-05-08	Surely we are smarter than this! Come on engineers! This is our childrens' future too!
	Dunnville, Canada	2018-05-08	All pipelines fail in time. Stop this senseless destruction. Petro is no longer needed as we now have so many cleaner alternatives.
	Cornwall. ON, Canada	2018-05-08	There are enough problems facing our oceans. We should not be adding to them.
	London, Canada	2018-05-08	It's essential that we expand our efforts to protect our environment. We have reached a point of no return.
	Ardrossan, Alberta, Canada	2018-05-08	Our water is being destroyed when it needs to be saved

Name	Location	Date	Comment
	Kelowna, British Columbia, Canada	2018-05-08	throwing away effluent is throwing away money. It can be recycled, the water cleaned and released. There is no need to treat the ocean as a toilet.
	Toronto, Canada	2018-05-08	Effluent piped directly into the Strait? What are you thinking?
	Chilliwack, British Columbia, Canada	2018-05-08	In 20 years the world will be off its dependence on oil and onto clean energy, let's start this change now.
	Victoria BC, Canada	2018-05-08	This is 2018. How can you!!?
	Bethany, Canada	2018-05-08	There has to be a better way to handle this without compromising our oceans.
	Leamington, Canada	2018-05-08	I agree that the risk to the habitat and marine life is too great for the location of this pipeline.
	Bridgewater, Canada	2018-05-08	The long term environmental risks to this proposed plan heavily out way any short term economical benefits.
	Toronto, Canada	2018-05-08	This is dosgraceful
	Victoria, Canada	2018-05-08	The environment is more important than this mill's desire to save money. What a stupendously idiotic idea.
	Penhold, Canada	2018-05-08	Wow leave the oceans alone stop wrecking the planet
	Victoria, Canada	2018-05-08	a fish sent me
	Lincoln, Canada	2018-05-08	Surely, the company involved could consult with experts to come up with a less environmentally damaging disposal of their effluent. It is their moral responsibility to do so, but too often economic expediency is the winner.
	Winnipeg, Canada	2018-05-08	because I care about our oceans and all that live in it. people are the worst enemy to nature.
	Westport, Canada	2018-05-08	This must not happen.
	Aylesford, Canada	2018-05-08	is that the best we can do in 2018!!!? Raw sewage poured into the ocean...."out of sight out of mind" mentally has got to stop!
	Brighton, Canada	2018-05-08	Respect for Nature - Respect for LIFE
	Ariss, Canada	2018-05-08	Treat the effluent so it is non toxic and has a neutral effect on the environment prior to dumping. It is the cost of doing business. The ocean is not a garbage dump.
	Stratford, Canada	2018-05-08	You don't pump toxic chemicals into Straits.
	Pender Island, Canada	2018-05-08	We need to protect our environment, for its own sake, and for future generations.

Name	Location	Date	Comment
N A	Mount Stewart, Canada	2018-05-08	What year is this that we are still considering a long pipe the solution?
	Nanaimo, Canada	2018-05-08	Once again, politicians are faced with making the RIGHT decision and flying in the face of their «friends» and moneybags. There is NO LIMIT to the greed of WorldCorp Kapitalists whose agenda is PROFIT and the environmental and social costs be damned. Just one more example of the massive destruction perpetrated in the name of «progress» where that «progress» is the advancement of the 1% world slavery agenda.
	Azilda, Canada	2018-05-08	Sewage should be treated in lagoons before disposed of in oceans.
	Toronto, Canada	2018-05-08	Its the right thing to fight for safe waters For Canada's Fish!!
	Brampton, Canada	2018-05-08	This would be a disaster for the environment.
	Invermere, Canada	2018-05-08	I thought us Canadians had such educated views now, but to pipe garbage into the ocean is so backward and selfish!
	Gabriola, Canada	2018-05-08	To put all the marine life at risk by proposed pumping of 90 million litres of effluent would be an rresponsible act especially when the oceans are already threatened and when this is where they get energized and feed before entering the rivers. Do not go ahead with this plan.
	Millarville, Canada	2018-05-08	This is as bad as Victoria B.C. stop this
	Leduc County, Canada	2018-05-08	We need clean solutions to continue living together on this planet with the life that gives us all life.
	London, Canada	2018-05-08	We are killing the oceans.
	bc, Canada	2018-05-08	enough is enough.
	Cheltenham, Canada	2018-05-08	I love the maritimes and have visited many time as a tourist over my lifetime. Please help keep this region diverse and pristine!
	West Vancouver, Canada	2018-05-08	Please consider how important this area is to the planet. Do not rush into development simply for economic reasons. There are vast economic benefits that exist based on the feeding grounds of the fish. Do not pollute this sensitive area!
	Chelsea, QC, Canada	2018-05-08	If our politicians continue to place profit above planet they should be made to pay. First at the ballot box and then in the courts.
	Mt. Albert, Canada	2018-05-08	We need to stop polluting our rivers and oceans if we want to survive.
	Abbotsford, Canada	2018-05-08	I am signing because there must be another way for this mill to operatebecause I am from the West Coast and Canada does not need further fishing destruction.
	Peterborough, Canada	2018-05-08	Life should be a priority over money and the environment sustains us all. Especially the oceans.

Name	Location	Date	Comment
	Sidney, Canada	2018-05-08	All of life on our planet depends on the health of our oceans.
	stoney creek, Canada	2018-05-08	WE NEED TO WAKE UP.
	Vancouver, B.C., Canada	2018-05-08	We only have one world. We must protect it.
	Truro, Canada	2018-05-08	I do not trust the people that tell me the pipe will not have a negative environmental impact. I KNOW IT WILL! David Boyle
	Oakville, Canada	2018-05-08	For an education in environment management, check out the non-fiction book "Collapse" by Jared Diamond.
	Mission, Canada	2018-05-08	We need to protect our oceans and all fish life. To often we proceed with business ventures that end up costing our environment.
	Sarnia, Ontario, Canada	2018-05-08	Seriously? You can't treat this water first?? Greedy a\$\$@!es
	Freelton, Canada	2018-05-08	Warming and rising oceans along with poluted waters are a worldwide threat.
	Toronto, Ontario, Canada	2018-05-08	Defend clean water - for all of us
	Debert, Canada	2018-05-08	Precautionary principled...K.
	ETOBICOKE, Ontario, Canada	2018-05-08	Our biodiversity needs to be protected.
	Courtenay, Canada	2018-05-08	I care
	Toronto, Canada	2018-05-08	It is very disturbing that industry can still be allowed to dump effluent into waterways that will damage the ecosystem.
	Maple Ridge, Canada	2018-05-08	The environment needs to come first. Ahead of money.
	Gibsons, Canada	2018-05-08	Stop the insanity of polluting our earth and expecting the environment to absorb our greed!!
	Medicine Hat, Canada	2018-05-08	Is there no end to perverted corporate greed and political appeasement? For God's sake, think of everyone, not just the tiny minority!
	Stouffville, Canada	2018-05-08	This is my ocean location & I wish to continue to enjoy its beauty & protect our marine life for now & generations to come.
	Delta, Canada	2018-05-08	
	Saskatoon, SK, Canada	2018-05-08	This is the only EARTH we have.Keep it clean for people & ALL species!

Name	Location	Date	Comment
	Chilliwack, Canada	2018-05-08	People running these companies need to find solutions to these issues before engaging an a process.
	Kemptville, Canada	2018-05-08	There must be another way. They must find a better solution.
	Quadra Island, Canada	2018-05-08	The environment, the foundation of our [and all other species'] well being and very survival, is dying by "a thousand cuts". We must become far more careful about what we do to it. NO more dumping into fresh or marine waters as if they were a large toilet! Perhaps waters could take "another hit" before, but now they are under multiple assaults and can no longer.
	Whitehorse, Canada	2018-05-08	We need to do better!
	Lakefield, Ontario, Canada	2018-05-08	I can't believe this is considered a viable option in this day and age. For gawds sake, think about what you're doing. Thank you.
	Fredericton New Brunswick, Canada	2018-05-08	I am worried about the abuse of our planet and want to preserve it for future generations.
	Revelstoke, Canada	2018-05-08	Why are we still allowing companies to dump waste into our oceans???
	Ottawa, Canada	2018-05-08	Polluting the environment should not be allowed for economic reasons ever!!!
	Toronto, Ontario, Canada	2018-05-08	It's not acceptable to treat our oceans as a garbage dump!
	Ottawa, Canada	2018-05-08	If the effluent is too corrosive to the infrastructure of the mill, how can it possibly be acceptable to dump it into the environment? Dear Minister, I urge you to protect the marine environment by preventing the effluent dump. The marine enviroemnt is iinvaluable and irreplaceable..
	Trenton, Canada	2018-05-08	Also, a great deal of the coastline of the Northumberland Strait is designated as a Maritime Protected Area by the Government of Canada, and that the proposed area for effluent discharge is also the location of several federal marine refuges.
	Canada	2018-05-08	Polluting valuable Marine ecosystems is unconscionable! Find a better solution to the pulp waste problem!
	Boutilliers point, Canada	2018-05-08	My major concern are the effluent chemicals; proper waste management can reduce the chemical output!
	Toronto, Ontario, Canada	2018-05-08	One more nail in our collective coffin...
	Oakville, Canada	2018-05-08	Isn,t this waste treated first??
	Barrie, Ontario, Canada	2018-05-08	There has to be another option, we cannot poison the waters around us.

Name	Location	Date	Comment
	Montréal, Canada	2018-05-08	We need the ocean to be save for all marine life.
	Delta, Canada	2018-05-08	For the safety of marine life
	Shelburne, Canada	2018-05-08	enough is enough STOP destroying our home planet. People who allow this are Ecological terrorists and are committing crimes against humanity.
	Strathroy, Canada	2018-05-08	we only have one planet, don't destroy it or anything that lives here
	Saskatoon, Canada	2018-05-08	There is a better way.
	Edmonton, Alberta, Canada	2018-05-08	WTF Nova Scotia, how could you not possibly know how disastrous this will be?
	Toronto, Canada	2018-05-08	As consumers, we need to demand less bleaching - tissue, toilet paper, paper towels, all involve bleach. Read this FAQ, and decide for yourself:<a href="https://sites.google.com/dillon.ca/northernpulpetf/frequently-asked-ques rel="nofollow">https://sites.google.com/dillon.ca/northernpulpetf/frequently-asked-ques
	kamloops, British Columbia, Canada	2018-05-08	the government are stupid assholes who don't care about anything but themselves and their lobbieists...go to hell
	Smithville, Canada	2018-05-08	OH PLEASE save the future of the Northumberland Strait
	Salt Spring Island, Canada	2018-05-08	I am finding increasingly difficult to understand any reasoning that would have a person put in charge of protecting the environment maaking a damaging decision like this. What the hell is going on????
	Toronto, Canada	2018-05-08	Any kind of effluent should NEVER be dumped into our oceans or lakes. No exceptions.
	Penetanguishene, Canada	2018-05-08	Are we insane or just crazy?? Don't put marine life & water at risk! We're supposed to REDUCE our dependency on fossil fuels; not increase it!
	London, Canada	2018-05-08	Has the Pulp & Paper industry learned nothing over the last 100 years about the effects of their pollution in the air and water around them? The oceans and connected waterways are NOT dumping grounds for effluent they, the industry, produce, and do not want to be responsible for dealing with in a environmentally sensitive fashion. If that cannot be done, perhaps they should not be in business! Absolutely NO to the effluent pipe pumping toxic chemicals etc. into the Northumberland Strait !
	Dorval, Qc, Quebec, Canada	2018-05-08	We must stop polluting the world we live in.
	Ottawa, Ontario, Canada	2018-05-08	Our water systems and marine life are way more important than more oil coroporation profits. Thid insanity has to stop.
	Dunstaffnage, PEI, Canada	2018-05-08	Seriously, there has to be a better way.

Name	Location	Date	Comment
	Chilliwack, Canada	2018-05-08	Why do we keep trying to destroy our beautiful planet and all the wonderful creatures in it!!! Shameful!!
	Grande Prairie, Canada	2018-05-08	This has nothing to do with oil!
	Grande Prairie, Canada	2018-05-08	This has nothing to do with oil!
	Rothesay, Canada	2018-05-08	Stop polluting our waters!
	Toronto, Ontario, Canada	2018-05-08	Much concerned, and very alarming.....
	Ottawa, Canada	2018-05-08	Please support an ecologically wise and responsible solution.
	Winnipeg, Canada	2018-05-08	Process your waste into something neutral or useful. Don't just dump it out of sight/out of mind, because someone will ultimately have to pay for your convenience.
	Saint Marys, Canada	2018-05-08	This is unacceptable! It is time that we made protecting our waterways a priority.
	Vancouver, Canada	2018-05-08	We need to protect our eco system.
	Saanichton, Canada	2018-05-08	We need to protect both east and west sides of Canada. Stand up for each other.
	Toronto, Ontario, Canada	2018-05-08	NO PIPELINE EVER!! Get off oil dependency and begin investing in non toxic energy!
	Vancouver, Canada	2018-05-08	We don't need any more pipelines, why can't the Liberal government stand strong for the environment?
	Trochu, Canada	2018-05-08	To bad they love shit but hate oil...
	Bowmanville, Canada	2018-05-08	There has to be another way that doesn't forever change our water ways.
	Vancouver, Canada	2018-05-08	The truth of this petition is common sense.
	Malahat, Canada	2018-05-08	What are you thinking? Stop it!
	Surrey, Canada	2018-05-08	the environment isn't worth the chance. if there ever a spill, it never gets all cleaned up.
	Montréal, Canada	2018-05-08	You have a very worthy cause. My petition also has great merit. Would you present my petition concerning the risk that airline passengers will face and the countless deaths of birds and animals in two protected forest from an ill-placed odorous compost plant that is in violation of the regulations of Montreal-Trudeau airport. My petition is located at <a href="https://chn.ge/2HJXHvg" rel="nofollow">https://chn.ge/2HJXHvg</a> Good luck with your petition. Anne



Name	Location	Date	Comment
	Galiano Island, Canada	2018-05-08	Toxins must be liscensed and regulated.
	Brampton, Ontario, Canada	2018-05-08	There are new energy sources out there, namely Oro Blanc why is this not being developed?
	Belleville, Canada	2018-05-08	There is no excuse for industry dumping their effluent into the environment. This is the 21st century.
	Edmonton, Canada	2018-05-08	I love to eat wild fish and think that our oceans and its' creatures are already struggling enough as it is.
	Terrace, Canada	2018-05-08	Time to stop these idiots from treating the ocean like one big garbage dump.
	Napanee, Ontario, Canada	2018-05-08	I cannot believe in this day and age, with the concern for our environment as heightened as it is, and with the knowledge we now have, that THIS is even A REMOTE consideration by the MINISTER OF THE ENVIRONMENT, no less!!!!!! It's absolutely shameful and it impacts not just Nova Scotians, but the whole world!!! Our marine ecosystems MUST be protected at all costs - they are the source of life one this planet!! I sincerely hope, Minister, that you will see the dangers inherent in allowing piped effluent into marine ecosystems, and Stand Up as a Protector of the Environment as your title implies.
ux	Montreal, Quebec, Canada	2018-05-08	The mill has to come forward with a better solution.
	Halifax, Canada	2018-05-08	DO I REALLY NEED TO EXPLAIN WHY ITS A DANGEROUS GAME TO DUMP EFFLUENT INTO THE NORTH UMBERLAND STRAIT
	Ladysmith, B.C., British Columbia, Canada	2018-05-08	We have trouble out here on the West Coast re fishing too, so wishing you good luck!!!
	Victoria, B.C., Canada	2018-05-08	Sewage Treatment Plants can be built to be self sustaining.
	Port Alberni, Canada	2018-05-08	Our marine life is struggling as it is with plastics in the oceans, fishing gear and pollution. If we lose our oceans, we lose ourselves. We must be smarter and care more. "The most dangerous breed - humans."
	Copenhagen, Denmark	2018-05-08	Canada needs to wake up and halt all new investments in oil and gas, as a minimum effort in the global fight for our climate.
	Stettler, Canada	2018-05-08	It's time the federal government took as much interest in fixing raw sewage dumping as they do in putting endless roadblocks in building new pipelines in Canada?
	Duncan, Canada	2018-05-08	Canadians need to work together to rid ourselves of the negative forces at work trying to exploit resources regardless of the impact on nature and humanity

Name	Location	Date	Comment
	Vancouver, Canada	2018-05-08	I absolutely cannot believe at this day and age, with all we know about how badly we are destroying our marine environments, that we are still engaging in this kind of practice!
	Surrey, Canada	2018-05-08	We Can not get away from fossil fuel use fast enough. Love nature.
	Ladysmith, Canada	2018-05-08	we need to end our dependence on fossil fuel. we need to protect our oceans and everything that lives there.
	Brampton, Canada	2018-05-08	Taking care of our environment and our wildlife helps to take care of us. When are we going to understand this, its almost too late!
	Victoria, Canada	2018-05-08	The danger to the local environment is too great.
	salt spring island, Canada	2018-05-08	It is the right thing to do...ethics. Ever read any history of on the pillaging of saline and birdlife thats happened over the last 200 or so years? Humans have destroyed and driven life to extinction so will human pollution.
	victoria, Canada	2018-05-08	Protect the fish please!
	Westport, Canada	2018-05-08	Sounds like a bad idea to me.
	Cobourg, Canada	2018-05-08	If we don't protect our food sources, then all the oil in the world will be useless. Food needs priority.
	Toronto, Canada	2018-05-08	Once the water is polluted and the fish are dead, it's too late...
	Canada	2018-05-08	Just to be clear, this is an effluent pipe ( waste liquids ) from a pulp mill, not a fossil fuel pipeline. :-)
	Mississauga, Ontario, Canada	2018-05-08	No pipe!!!!!!
	Winnipeg, Canada	2018-05-08	Take care off the environmental system. Help the plant , give our children a future.
	Canada	2018-05-08	Just to be clear, this is an effluent pipe ( waste liquids ) from a pulp mill, not a fossil fuel pipeline. :-) ( I totally agree, we need to protect our oceans from every form of humanity's trash and industrial waste. City's such as New York dumping their garbage offshore; Montreal pumping its sewage into the St Lawrence ... are disgusting !! )
	Hagensborg, Canada	2018-05-08	I'm all for jobs and mills create work and good products. There's got to be a way to deal with this that doesn't destroy our food and our health.
	Kelowna, B.C., Canada	2018-05-08	we all need to ban together and keep our oceans clean and safe for all living creatures.
	Halifax, Canada	2018-05-08	we have enough water problems now without creating new ones. we cant even fish Atlantic salmon because there are so few and now a mill wants to destroy the rest and many other fish we depend on for various reasons. Ones this affluent gets into the ocean it

Name	Location	Date	Comment
			will remain there for ever as it has no where else to go. Are we really debating whether or not this is ok, so, a company who cares nothing about the Maritime's or its people can make more money by destroying our natural resources which are connected to our food sources
	Fort Worth, Texas, US	2018-05-08	This region is important to our global health.
	ottawa, Canada	2018-05-08	There has to be an environmentally sound way of treating the effluent and if it is not economically feasible, the mill ownership is not looking hard enough!
	Ottawa, Canada	2018-05-08	Without the environment and clean water to drink and replenishable resources we have nothing , all these companies care about is money , they don't care about the devistation left behind for further generations
	Cranbrook, British Columbia, Canada	2018-05-08	Our oceans are failing. We are losing species at an alarming rate. Until we look at the cumulative effects of what is happening globally, we must stop dumping toxins into our waterways and on the land. We are jeopardizing all that sustains us and future generations by our careless regard for the earth and all the creatures that live on it.
	Brampton, Canada	2018-05-08	Because its about time th Bearing Straight gets its fair share of the pollution!
	Toronto, Canada	2018-05-08	Please pursue other options for pulp waste!
	St-Zénon, Canada	2018-05-08	C'est Vital de sauver les espèces animal de l'extinction !
	manitoba, Canada	2018-05-08	I want environmental respect in my life and the lives of my children!!! And for Canada!!!! We need to lead this!! Look at what Mother Nature has accomplished in Chernobyl ❖❖❖
	Maple Ridge, Canada	2018-05-08	Are you kidding, it's 2018.
	Maple Ridge, Canada	2018-05-08	This is NOT the place to be dumping toxic and harmful waste. Our Canadian Marine Life are already under terrible stress with other environmental factors impacting their survival. Please come up with another solution that will not have such dire consequences on such an important food source.
	Vancouver BC, Canada	2018-05-08	Doesn't anyone ever listen! Stop destroying our environment to save on costs.
	Newcastle, Canada	2018-05-08	Our natural resources must be protected!
	Hearst Ontario, Ontario, Canada	2018-05-08	I believe we need to clean up mother earth for all inhabitants with our Injury to the ecosystem.
	Mayne Island, Canada	2018-05-08	I'm signing because I think it's a TERRIBLE idea to dump tons of toxic effluent into the Northumberland Strait, with the consequent destructive impact on sea-life and marine eco-systems. It's

Name	Location	Date	Comment
			criminally stupid to believe this is an appropriate solution for dealing with the waste. Wake Up!
	Sangudo, Canada	2018-05-08	No! This is not good for anything but the mill. The oceans are already polluted with toxic chemicals, plastics and other wastes. Our marine life is already suffering, horribly. Already, in certain areas it's not safe to eat many kinds of seafoods. Adding more effluent is NOT a good idea. People are seriously being affected by environmental pollutants with all kinds of diseases from Autism to Cancer to MCS and many others that are not yet recognized as bring a result of toxic overload. Please say NO to this!
	Chambly, Canada	2018-05-08	This is just a completely terrible plan. It is inconceivable how any sane person or group of people (a company) could seriously consider such a proposal in the first place!
	London, Canada	2018-05-08	There are lots of issues of concern. World waters are already getting too warm impacting sea life and weather patterns globally. Adding pollutant is just crazy!
	Welland, Canada	2018-05-08	We absolutely must act to protect marine environments; this is NOT the way to do that!
	Surrey, Canada	2018-05-08	We are trying to do the same thing here in BC..Pacific wild salmon, orcas, and humpbacks. Oil pipelines..and spills will devastate our coast.
	Victoria, Canada	2018-05-08	quality over short term monetary gain!
s	Port Sydney, Canada	2018-05-08	There are more than enough pollutants poisoning our seas and oceans. We absolutely do not need to exacerbate an already critical and expanding problem. Stop poisoning our marine life.
	North Vancouver, British Columbia, Canada	2018-05-08	Keep the pollution in the Legislature. We are having running battles in BC over aquaculture, much as NS, and of course, the KM pipeline. It appears more and more that the effluent is the affluent.
	Vancouver, Canada	2018-05-08	Fish when gone are gone forever,no discharge into there home and habitatThank you.
	Victoria, Canada	2018-05-08	If we do not protect our ecosystem, at the moment, our prospect of living in 50 years is zero ...
	Oakville, Canada	2018-05-08	What's happening today is just wrong. Oceans need protection. They are not a dump for our waste
	Hamilton, Canada	2018-05-08	I'm signing because i want to protect the fish
	Red Deer, Canada	2018-05-08	We have to STOP dumping crap in our waters.
	Calgary, Canada	2018-05-08	I am concerned about that much waste dumping into the Northumberland Strait and the effects to our oceans and sea life, not to mention the effects to our economy as a result of collapsed fisheries.

Name	Location	Date	Comment
	Ottawa, Canada	2018-05-08	It is essential we protect our ecosystems and food supply. Nature has created a delicate balance. Even a one or two degree change affects water species. ...ask anyone who owns a fishtank. Protect our environment.
	Maple Ridge, Canada	2018-05-08	We only have one world and everything on it is in fine balance...it's worth protecting!
	Kelowna, B. C., Canada	2018-05-08	Again, I can't believe what I am reading: to deliberately dump pulp mill effluent into pristine waters where the ice is melting ahead so that polar bears have no chance for survival as no food can be caught. Does this take a moment of consideration to say? STOP THIS IMMEDIATELY . There is no end to what damage we are doing to our waters. They can store the effluent - pay for it - and find ways to detoxify it. Are the people we elect into government not thinking but bowing to big business? This cannot continue . We already have nuclear waste being pumped into the waters non-stop . There is no hope for humans and other life if not stopped.
	Caledon, Canada	2018-05-08	The oceans are getting more and more polluted we need to protect it bfore its all destroyed
	Vancouver, Canada	2018-05-08	Without food - we die. Food resources before energy money.
	Ottawa, Canada	2018-05-08	This home to thousands of species. Would anyone of us agree t toxins being pumped into our homes because it is seen as the only viable alternative?
	Burlington, Canada	2018-05-08	Stop screwing with our planet!!!
	Brantford, Canada	2018-05-08	This pipe should not even be a consideration for very obvious reasons. It is pathetic that we must have a petition to protect an integral part of our eco system.
	Montreal, Canada	2018-05-08	We need to more towards environmentally CLEAN waste practices. The ocean is not a toilet bowl !
	Grafton, Canada	2018-05-08	This is not possible that in today's world with all the technology we have that we have governments that are even thinking of dumping effluents in our marine ecosystems. Not possible and not on my watch.
	Saskatoon SK, Canada	2018-05-08	It is completely shocking to me that any company would propose such a damaging effluent pipe. If the toxic effluent is too corrosive for their machinery, it is certainly too toxic for the sea waters. I am totally opposed to it.
	Collingwood, Canada	2018-05-08	Please do not destroy any more of our natural environment with money being the main reason.
	Montague, Canada	2018-05-08	if they think the pipe is such a great idea to pump effluent waste into our precious strait.....why not put the pipe into a retaining pond on the CEO's property? it's safe, isn't it? and would be great for his or her's backyard!

Name	Location	Date	Comment
	Richmond Hill, Canada	2018-05-08	It's an ecological disaster
	Victoria, Canada	2018-05-08	Short term profits to a company is a concept from the dark ages. The effluent must be cleaned of toxic materials as is the law and policy in other jurisdictions in this country
	Calgary, Canada	2018-05-08	I am a fisherman who likes trout & salmon, and even pikes. PLEASE Don't destroy the strait for Greed!
	Edmonton, Alberta, Canada	2018-05-08	We need water, everyone needs water and we need to stop destroying our precious water and everything in our waters. Please no pipe.
	VERNON, British Columbia, Canada	2018-05-08	Time is NOW to start looking after our enviornment.
	Burlington, Canada	2018-05-08	we must protect our environment before profits and ignorance
	Sainte Marie De Kent, Canada	2018-05-08	Save the world before it's too late. Maybe it already is. But don't make life harder for the remain of humanity and our children,
	St. John's, Canada	2018-05-08	I care for our earth, it's ridiculous how is as humans treat it
	Winnipeg, Canada	2018-05-08	We need to start treating all our water with care and respect. Dilution is NOT the solution!
	St Margaret's Bay, Canada	2018-05-08	To be clear, we are not promoting the closing of the mill; the smart thing instead would be to pursue other options to deal with the Pulp waste versus polluting this valuable Marine ecosystem. Once this effluent changes the Strait, it is likely changed for dozens if not hundreds of years, and will be difficult if not impossible to clean up. Do the right thing for Nova Scotia and our ocean waters!
	Toronto, Ontario, Canada	2018-05-08	No pipelines! We can and have lived without it!!
	Montreal, Canada	2018-05-08	It is unacceptable to endanger local fish populations and compromise the environment, not to mention tourist industry for the entire region, for the sake of one company's profit.
	CONSTANCE LAKE, Canada	2018-05-08	Have to stop all pollution cause we won't have a future when we are destroying the environment.
	Edmonton, Canada	2018-05-08	1 earth humans as it's keepers, and all we managed to do is cash in on the oil and it's not paid off oil spills killed off parts of one fertile sea beds , all it took is is 1 major oil spill, i ask you why... is it worth it once the oil is all tapped out add, over population, go green technology, that will save this world pain and suffering.
	Victoria, British Columbia, Canada	2018-05-08	NO pipes
	Gabriola, Canada	2018-05-08	If marine life survives- we humans survive

Name	Location	Date	Comment
	Calgary, Alberta, Canada	2018-05-08	Dumping effluent in the ocean is not good for any one or any thing on this planet. Please stop this.
	calgary, Canada	2018-05-08	protect our water and ocean
	Halifax, Canada	2018-05-08	This is an outrage. There must be a better way to dispose of the waste.
	Vankleek Hill, Canada	2018-05-08	This is wrong..there has to be a better solution...we cannot continue to pollute and destroy Mother Earth and her Creatures. Please stop
	Pickering, Canada	2018-05-08	An operation which requires this kind of an easement to survive should not go ahead. The environment is not something simply "nice to have".
	Coaldale, Canada	2018-05-08	People have to stop polluting our planet and start healing it. Be it land, sea, or air
	Courtenay, Canada	2018-05-08	The earth shakes & unless the "pipe" (assuming it's metal) expands with an earth quack, there's too much potential for damage.
	Hamilton, Canada	2018-05-08	REMEMBER BP OIL!!! NEVER FORGET!
	Kingston, Canada	2018-05-08	Protect the species; find another way to deal with effluent (there are lots of other ways).
	Saint John's, Canada	2018-05-08	gross.
	St. Albert, Canada	2018-05-08	If they can't treat their waste then they should not be able to operate. GO GREEN EXCUSE ME !!!!!!!!!!!!!!!
	Dundas ON, Canada	2018-05-09	To protect the trout and salmon.
	Winlaw, Canada	2018-05-09	What they are planning is not acceptable.
	Halton Hills, Canada	2018-05-09	Canada has the means to do the right thing.
	Goderich, Canada	2018-05-09	My husband, Leon, and I oppose unnecessary pollution of any kind that puts the health of our planet at further risk.
	Nobleton, Ontario, Canada	2018-05-09	We have got to start making better decisions before it is too late?
	Campbell River, Canada	2018-05-09	Because it's messed up!!!
	Abbotsford, British Columbia, Canada	2018-05-09	The oceans are not dump sites
	Halifax, NS, Canada	2018-05-09	

Name	Location	Date	Comment
	Rigaud, Canada	2018-05-09	I was so happy when I heard Pictou was getting sewage treatment, now this set-back. Why?
	Union Bay, Canada	2018-05-09	I'm signing because I believe our environment needs protecting and we have to find alternate ways of dealing with toxic waste from the pulp mill.
	Saint Thomas, Canada	2018-05-09	Short term gain for privately owned mills to dump effluent the cheapest way = screwing over everyone and everything else. Is that really the legacy policy makers want?
	Quesnel, Canada	2018-05-09	Ok by now , in this century ,you should be able to figure it out this can only be bad for the environment enough already
	Nanaimo, Canada	2018-05-09	Our children have inherited a disaster, the state of Mother Earth is treacherous.
	London, Canada	2018-05-09	It is extremely stupid for an elected official to allow a for-profit corporation to dump its toxic waste into a sensitive environment in this way. The mill is responsible for ensuring that the toxic by-products of its manufacturing process do not pollute the environment and the government of Nova Scotia should be intelligent enough to recognize this.
	Vancouver, Canada	2018-05-09	Water is life. Why are you destroying life?
	Dartmouth, Canada	2018-05-09	Please stop this effluent pipe from being put there. Our fish and turtles deserve our protection!
	Edmonton, Canada	2018-05-09	This is absolutely ridiculous!! I definitely oppose the Northern Pulp's Effluent Pipe to Dump this in the Northumberland Strait. There must be other ways to deal with effluent!!
	Winnipeg, Canada	2018-05-09	I'm signing because all sewage should be treated before it is discharged anywhere in Canada.
	Chemainus, Canada	2018-05-09	This precious habitat and it's wildlife will be irreversibly destroyed by dispensing tons of toxic effluent into it. STOP IT!
	Port Moody, Canada	2018-05-09	We have to fight for our earth everyday. It is so tiring to see that people do not know if they don't protect the water they will have nothing.
	Sidney, Canada	2018-05-09	Step up and defend the strait from toxic pollution.
	Salt Spring Island BC, Canada	2018-05-09	It is just totally insane what unconscious Corporations will try and do, without regulation and control they won't stop their drive for profit.
	Leduc, Canada	2018-05-09	This just seems like a silly thing to allow
	Georgetown, Canada	2018-05-09	This is ascenine pumping toxic chemicals STRAIGHT INTO a body of water WITHOUT TREATING THE WATER first. Why do companies only think about their bottom line? What about the future Earth? Do they even care? It doesn't sound like they do.



Name	Location	Date	Comment
	Brantford, Canada	2018-05-09	Too much crap going into the water now!
	Hamilton, Canada	2018-05-09	We must save this main passage for the sake of our Trout and Atlantic Salmon.
	Foxhole, England, UK	2018-05-09	This is not the way forward.
	Vaughan, Canada	2018-05-09	I don't want my country to become more polluted.
	Halifax, Canada	2018-05-09	Poisoning our precious water is ridiculous and unnecessary!!
	Montreal, Quebec, Canada	2018-05-09	Petroleum extraction is dirty, on all aspects.
	Québec, Quebec, Canada	2018-05-09	Il faut protéger les cours d'eau, une ressource inestimable.
	Peterborough, Canada	2018-05-09	Pipelines are passe. Invest in renewables!
	Kentville, Canada	2018-05-09	The Mill was a con, and it continues to be a crime against the planet. It must be shut down, not extended.
	Ottawa, Canada	2018-05-09	Let's move forward with our energy choices, not backward!
	Ottawa, Canada	2018-05-09	Please do not allow the effluent to be pumped into the strait. Sea Trout and Atlantic Salmon will soon be an endangered species.
	Halifax, Canada	2018-05-09	The Ocean, the Atlantic Salmon are part of our culture and History in Atlantic Canada we should cherish them not crush them. Nova Scotia Canada Ocean playground , let's keep it that way
	Victoria, Canada	2018-05-09	Save our planet 💎, and stop harming it.
	Montréal, Canada	2018-05-09	We have to transition away from oil. There is simply no safe way to continue using it.
	Fort Erie, Canada	2018-05-09	They have the technology to clean without destruction to the environment. I heard of a technology years ago, created or experimented with, by a large company in Southern Ontario who did sheet metal and ironwork. It was a type of incinerator where everything that went into it the waste product produced was nontoxic and mostly water. From what I was told by a person who worked for them, the tests were successful. It was hushed up because it was not a money maker. True or false? is there someone who could find out?
	Brampton, Canada	2018-05-09	Our marine life deserve better.
	Glen Haven, Canada	2018-05-09	#nopipe
	pictou, Canada	2018-05-09	I am signing this because I am deeply concerned that there has not been enough research done in order to allow this to take place.

Name	Location	Date	Comment
			We have seen what the effluent has done to Boat Harbour and I fear it will be the same for the Strait as the treatment process they are planning will not remove such toxins as Cadmium and Mercury. I have seen soil tests from the exit point of Boat Harbour that were privately done and Cadmium levels are well above the allowable limit and in case you do not know Cadmium is known for its damaging effects on DNA. Unless you want to be know for taking part in a national disaster I would strongly suggest you look at this issue very closely and give a directive for a Class 2 Assessment. You are calling for one on the Clean up, so thinking there should be one for what caused it in the first place.
	HALIBURTON, Canada	2018-05-09	Zero carbon emissions are needed to save the people of this planet. Wasting money on pipelines is ludicrous.
	Maple Ridge, Canada	2018-05-09	This is ridiculous. We know how damaging this kind of dumping is. Stop now!
	Canada	2018-05-09	It will kill our water and all the fish
	Kelowna, Canada	2018-05-09	Fish first - please! Forget the profits for sake of ou environment please!
	Surrey, Canada	2018-05-09	I value our natural wildlife of trout and salmon. These are keystone species being put at risk.
	NEW GLASGOW, Canada	2018-05-09	there is no reason for this pipe to to ever exist except for greed
	NEW GLASGOW, Canada	2018-05-09	the N.S. Gov .has to pay for the new effluent system & they want the cheapest & easiest way to get rid of the effluents ,where as they signed to own the effluents,also, that is why they have been trying to fast track the asesment & approval
	Ashcroft, Canada	2018-05-09	I worry about the effects on the rivers in the area
	Oakville, Canada	2018-05-09	The mill owners made a profit from producing the effluent and it is their responsibility to clean it up and only put clean water back into the sea. Why should the general public and Nature suffer because of a Corporations greed and having no community feelings.
	Oakville, Canada	2018-05-09	The mill owners made a profit from producing the effluent and it is their responsibility to clean it up and only put clean water back into the sea. Why should the general public and Nature suffer because of a Corporations greed and having no community feelings.
	Surrey, Canada	2018-05-09	Make them create a pond for the effluent and process it!
	Belleville, Canada	2018-05-09	Because I do care
	Fredericton, Canada	2018-05-09	We need to keep the wild we still have!
	Pictou, Canada	2018-05-09	We need to stand up and protect our environment and fishing industries!!!

Name	Location	Date	Comment
	Houston, Texas, US	2018-05-09	I'm a fan of a pristine NE Passage.
	Hamilton, Canada	2018-05-09	Enough of pipelines!! how many more areas need to be ruined?
	Moncton, Canada	2018-05-09	This has to be the dumbest idea since the Tar Ponds.
	Desable, Canada	2018-05-09	No, find another way. Polluting is never an option.
	Fort Erie, Canada	2018-05-10	Negative things keep happening to this planet, where do you think it is going to lead us. Before it is too late do the right thing.
	Calgary, Canada	2018-05-10	I'm signing because the environment in this area is under siege. It is critical that the regulations not be tampered with or allowances made for anyone.
	Canada	2018-05-10	I know the Mill is a major employer here in Pictou county, all the spin off jobs through out the province and beyond. But to discharge the "treated" effluent into the Northumberland Strait.....That's just insane!
	Westville, Canada	2018-05-10	I completely oppose the plan to pump pulp mill effluent into our Strait. There has been zero scientific studies and decisions are being made from an economic and engineering standpoint only. This is wrong!
	St. John's, Canada	2018-05-10	Our beautiful ocean is NOT WORTH the risks. Not worth the money to be made. Not worth it.
	Strathmore, Canada	2018-05-10	If the mill can't afford to dispose of their byproduct then they shouldn't exist
	High River, Canada	2018-05-10	stop this pollution & thoughtless cruelty/ destruction now.. has to be a better way.
	Bow Island, Canada	2018-05-10	This is unacceptable - we should be trying to protect what's left of our already damaged habitat, not destroy it. Technology exists so that industry can exist in an environmentally responsible way, it just requires the will to use it.
	fort st. john, Canada	2018-05-10	I am amazed that that in times when many fisheries have been decimated, leaving many w/o work & a source of food reduced radically as well as a time when we Canada is trying to save our natural environment that a govt would allow a private company to emit that much effluent that would ruin the Strait waters. NORTHUMBERLAND Strait & all that it provides, is for the inalienable right of the citizens of the provinces around it; not to provide a cheaper dump for a private company to the detriment of the Strait. Very small minded. Please reconsider such an option & serve those who voted for your govt.; protect the Strait.
	Kitchener, Ontario, Canada	2018-05-10	Find a better way to deal with this !

Name	Location	Date	Comment
	Dryden, Canada	2018-05-10	We send astronauts to outer space and yet we are still dumping human waste garbage into rivers and oceans. Only clean water should enter our rivers and oceans!
	kitchener, Canada	2018-05-10	This pipeline is a ridiculous idea. Haven't we learned ANYTHING about environmental protection?
	Shelburne, Nova Scotia, Canada	2018-05-10	There will be nothing left if we keep destroying the bit of healthy environment that is left.
	Nelson, Canada	2018-05-10	Im signing because, I believe our water ways all over the planet are fundamental to human life. Our priority as we consider more expansion of human society needs to first consider if the actions taken are going to maintain the health and diversity of our waterways and the ecosystems they support. Water is the fundamental element necessary for the human body. If we continue to disregard the necessity to keep our water safe in this limited resource of earth, we will not be living in a very healthy environment 30-40-50 years down the road. We need only observe the detrimental impact we have already had on our global environment to know how bad it could get, if continue in the same light, with disregard for the very substances that sustain life. This idea should be seen as a crime, if it was implemented, a crime against humanity! Our fundamental life source is in danger and to even consider continuing to contaminate it is ludicrous!!!
	Lethbridge, Canada	2018-05-10	I am appalled that we still do this in Canada . Why are you not pre planning for the extra effluent long before you need to dispose of it. I work in research our rivers and streams are becoming very polluted naturally without mans thoughtlessness.
	Halifax, Canada	2018-05-10	I care
	Delta, Canada	2018-05-10	We need to protect wild salmon and marine ecosystems far more than we do investment and dependence on harmful fossil fuels.
	Nelson, Canada	2018-05-10	All good is wild & free!
	Elgin, Canada	2018-05-10	Help protect our fish.
	Toronto, Canada	2018-05-10	Northern Pulp must be stopped from using our ocean as a sewer. Their poisons must be prevented from entering our ecosystem.
	Summerside, Canada	2018-05-10	Perhaps in this day and age, if you can't deal with your waste in a proper manner, you shouldn't be in business...
	Sydney, Canada	2018-05-10	It's time to stop this polluting of our environment.
	Stellarton, Canada	2018-05-10	I'm signing because it is the only right thing to do! Thanks to Matt Dort for being such an inspiring influence!
	New Glasgow, Canada	2018-05-11	Isn't it time this stopped, rather than starting over someplace so special to so many, full of whales , tuna , and gannets feeding on Herring all of September... and rich Lobster spawning grounds!!

Name	Location	Date	Comment
	Londonderry, Canada	2018-05-11	Salmon, trout, lobster and recreation are all threatened by this NP's pipe.#nopipe
	Midhurst, Canada	2018-05-11	Dumping 90 million litres of effluent daily into the Strait will cause harm to marine ecosystem. Find another solution!
	Vancouver, Canada	2018-05-11	Nobody should dump ANYTHING in the ocean!! Its a source of food for millions. Who in their right mind would even think of polluting the oceans??? So much for civilized.....Nature does not dump anything. There is no waste in nature. Something always cleans up and we better get on that or we will kill our environment. We are well on our way.
	Toronto, Canada	2018-05-11	Companies should not be allowed to continue to download costs onto taxpayers and the environment. They take the profit and we take the cost. How is this a fair deal for us?
	Halifax, Canada	2018-05-11	I care about the health if Canada's environment. I want it preserved for my children.
	New Glasgow, Canada	2018-05-11	This planned effluent pipe into our beautiful strait in unconscionable.
	North Myrtle Beach, South Carolina, US	2018-05-11	This ocean is a habitat for our eco system which includes us humans . We should be proud to keep our waters clean and un-polluted! Let's do this!!!
	Vancouver, Canada	2018-05-11	Beautiful warm waters need full protection from pollution.
	Westville, Canada	2018-05-11	I think its long past time the government protected our ocean, not pander to corporations. Stop the poisoning of your citizens, and the destruction of natural habitats we depend on
	Vancouver, Canada	2018-05-11	Crude bitumen... probably not the best mineral to pipe through an environmentally sensitive area. For the life of me, I can't understand, why, governments, at every level, don't think refined stuff would be a huge improvement, and a much safer, albeit not a terrific, option. That crude filth we don't want near our shores... Get real. Remember Exxon? Sheesh! What does it take? Any disaster for BC's coastline is going to impact so many. If you want oil to come here, send it in the right form, not goop that can't be utilized until refined anyway. Wakey, wakey!
	Trenton, Canada	2018-05-11	Why risk our environment? It is insane that the government would want to allow this to happen. #NoPipe
	Knutsford, Canada	2018-05-11	You are commenting on the wrong petition Lynne Fox. This is about dumping pulpwood sludge into the Atlantic not about the oil pipeline to the Pacific. Wakey Wakey Lynne.
	Toronto, Canada	2018-05-11	I disagree with this bullshit
	Vancouver, Canada	2018-05-11	Oops! My upset - given the coverage on this pipeline it's little wonder there's a mix-up. However, my sentiment for any pipeline

Name	Location	Date	Comment
			is still the same - measures, proper structures need to be implemented. No question about it. Thanks for the point out! L
	Ottawa, Canada	2018-05-11	there is no more important cause for our future than that of our oceans - if we want a decent future for our kids we need to insure it by taking care of the planet now before it's too late - it's the only decent thing to do and it's the best inheritance we could give
	Kelowna, British Columbia, Canada	2018-05-11	How Stupid can People Be!?!? It is High Time that Governments Do their Jobs and Deal Appropriately with All Pollutants...Wake Up People...
	Montague, Canada	2018-05-11	Save our Future!
	New Glasgow, Canada	2018-05-11	I know it is important. #NOPIPE
	River Denys, Canada	2018-05-11	Nature is more Important than a Papier mill
	Charlottetown, Prince Edward Island, Canada	2018-05-12	I am very concerned about our eco systems.
	Hammonds plains, Canada	2018-05-12	This will be an environmental disaster.
	Australia	2018-05-12	Icare about our fish
	Orillia, ON, Canada	2018-05-12	Alternative ways and means are available in this day and age of extinguishing species and climate change, surely--these companies must show the will.
	Barrie, Canada	2018-05-12	Are the people who live in these areas so stupid that they are still allowing this to happen? Why don't they stand up and demand an alternative?
	New Glasgow, Canada	2018-05-12	We are. The government is against us and multimillion dollar company is against us. Not as easy as you think.
	Burnaby, British Columbia, Canada	2018-05-13	We either close out nearly all outfishing for ever and save our people's lives, or we live very few more years and all painfully
	Srsrfield, On., Canada	2018-05-13	Unbelievable! With today's scientific knowhow, industry is still trying to use the old «let's just dump our garbage into the sea» method of years past. Incredible! If that mill cannot find a better way of solving their waste problem, they should not be allowed to operate until they do find a clean solution to that problem.
	Attleborough, England, UK	2018-05-13	All effluent can be recycled. It just costs more. If we won't pay for an ethical product, the product must not be manufactured.
	Waterford, Canada	2018-05-13	We cannot afford any environmental disasters The priority is the planet

Name	Location	Date	Comment
N A	Pictou, NS, Canada	2018-05-13	This would be nothing short of another environmental devastation to our beautiful county. #NO PIPE
	Mississauga, Canada	2018-05-13	You must pursue other options to deal with the Pulp waste versus polluting this valuable Marine ecosystem. The Strait is a main passage for our Sea Trout and Atlantic Salmon as well as a place to feed and get energized prior to entering the rivers. However all this is at major risk with the proposed 90 million litres of effluent to be pumped into the Strait a day.
	Airdrie, Canada	2018-05-13	Seriously!! This is something that happened 100 years ago but we know better now. And let's face it, the taxpayer will pay for the clean up after the damage is done.
	North Vancouver, Canada	2018-05-13	Too much environmental damage is being done by industry in Canada.
	Cochrane, Canada	2018-05-13	Everything is being destroyed because of greed.
	Vancouver, Canada	2018-05-13	Because we have corporate shills pretending to be Minister's who represent the Citizens of Canada. With all the big icebergs drifting south, lets see if one can hit and create another oil disaster. After all they have no accountability.
	Calgary, Canada	2018-05-14	Someone has to have the will to stop this
	Nashville, Tennessee, US	2018-05-14	My mom's from Cape Breton, NS. This is too important a place, ecologically, to be fouled with paper mill effluent. As someone in the printing business for the past 47 years, I understand the importance of the mill. But, the costs associated with the paper-making process should be borne by the mill and the purchasers of the paper, not the environment. The fish, and the ocean itself, should not be harmed by a shifting or disguising of real costs.
	Lincoln, Canada	2018-05-14	The government is horrible with respect to tax payers and their health and well being. They are ignorant!
	Oakville, Canada	2018-05-14	Enough is enough. We need to stop polluting the earth for the convenience of corporations.
	Washington, North Carolina, US	2018-05-14	enough destroying the environment, there are other ways to get rid of their waste but will cost them a few bucks
	Kingston, Canada	2018-05-14	We can't afford to lose any more rivers!!!
	Cape Breton, Canada	2018-05-14	We need to save our rivers. no more polluting the rivers.
	Halifax, Canada	2018-05-14	Should not be
	Chilliwack, Canada	2018-05-14	this is ridiculous in today's modern world dumping raw sewage into the ocean as Victoria Vancouver Island has been doing for the 100 yrs...bullshit.
	Dieppe, Canada	2018-05-15	Enough is enough. Polluting these waters must be stopped.

Name	Location	Date	Comment
	Vancouver, Canada	2018-05-15	I have personally witnessed the on going effect of the effluent , color, smell and foam along our beaches of the Northumberland Strait. In the last 10 years I have also seen its effects on Pictou Island shoreline and shellfish who's shells are a very copper brown stain.
	Mahone Bay, Canada	2018-05-15	What kind of 'environment minister' pushes pipelines, BP offshore drilling and filth entering the Northumberland Strait? Why, it must be a yet another hypocritical Liberal 'environment' minister!
	trenton, Canada	2018-05-15	I want future generations to be able to enjoy the ocean. I for one was unable to enjoy the ocean growing up. Boat Harbour is in my back yard and the only way I can view what was once a spectacular place is by hearing stories. I want those stories to be real again for generations to come. Why ruin our beautiful home by polluting our waters?
	kingston on, Canada	2018-05-16	I care
	Summerside, Canada	2018-05-16	I care about our waterways and the Northumberland Strait
	Corner Brook, Canada	2018-05-17	Ridicules
	Westville, Canada	2018-05-17	Enough is enough, NP pollutes our air and water as well reck havic on our woodlands, talking no responsibility for their actions. Our fishing grounds must be protected.
	Port Dufferin, Nova Scotia, Canada	2018-05-17	this is wrong on so many levels ...think we had a lot of fish and marine life die and wash up on shore already . imagine if they are allowed to do this ,the devastation it will cause to marine life, eco systems and even us from eating things caught in that area contaminated by chemicals .
	Québec, Canada	2018-05-18	We must stop the planetary ecocide !
	Tatamagouche, Canada	2018-05-18	It's long past time to stop allowing a large foreign corporation pollute our environment, raze our forests, and get away with millions of dollars while harming our fisheries and tourism industries.
	Dunrobin, Canada	2018-05-18	I grew up there and shall return
	New Glasgow, Canada	2018-05-18	Keep sending your letters to the Federal and Provincial government agencies , maybe we will get a respond from a real person instead of a computer ...The Federal government should be involved in this ...there should be no way that this mill be allowed to dump their pollution into a prime fishing area like the Northumberland Strait thus affecting all three maritime provinces....
	Barneys River Station, Canada	2018-05-18	Who is allowing..?Find out who owns you, learn, understand and be conscientious about the reasons of this all and than understand the results.You live in a corporate country and you are not the



Name	Location	Date	Comment
			shareholder but their asset.Schools never tell you the truth... you must do that for yourself
	Trenton Nova Scotia, Canada	2018-05-19	I live in the Pictou Landing community and there are days the air is so toxic it is so hard to breath and I get so sick.If the wind is blowing from the east we get Boat Harbour fumes,If the wind blows from the west we get the NP fumes.Can't live this way any longer.#no pipe ever!!!
	North Vancouver, British Columbia, Canada	2018-05-19	Save the Atlantic salmon, get rid of the aquaculture fishery, and ditch the crooked politicians. See DFO Minister Leblanc's Arctic surf clam licensing to family friends and Liberal supporters. And we think the American are bad...we are becoming Americans.
	Sterling, Virginia, US	2018-05-20	I don't know whose brilliant idea it was to propose pumping 90 million litres of effluent daily, but that's insane. Trout is delicious, and before they're eaten they deserve to live healthily.
	Penticton, Canada	2018-05-22	This is disgusting and certainly not necessary in today's world. Clean up you act, and anyone else that is dumping sewage into the waterways. How do you think the Nile, Ganges, et al. became so polluted? Haven't you learned anything?
	Nanaimo, Canada	2018-05-22	Our natural habitat matters more than anything else. Keep Canada Pristine!!!
	Pitt Meadows, Canada	2018-05-22	time to clean up our planet and leave future generations with a better system than we have , no need to allow this mess
	Sturgis, Michigan, US	2018-05-22	The effects of this will be far reaching. Quality and safety of commercial fishing will affect everybody.
	Penticton, Canada	2018-05-24	Who says schools never tell you the truth? Some people just refuse to acknowledge the truth because it doesn't suit them.
	Kimberley, Canada	2018-05-24	The cost savings now will never justify the environmental impact.
	Hamilton, Canada	2018-05-25	Our enviroment has been damaged possibly beyond year. We do have to try. This is one of those steps. I like how you are going about it , saying lets look at alternates for this situation. Very commendable. We need our fish for many many many reasons. Do some research as to why but please vote. Thank you Kevin Mulholland. Hamilton Ontario Canada. L8K 1H9
	Edmonton, Canada	2018-05-25	It effects my home town pictou nova Scotia and I'm completely against what they're trying to do
	Lower Sackville, Canada	2018-05-25	Boat harbour and the stack emissions were awful since day one, but now pumping the effluent directly into the strait untreated? Shame on you, it's unacceptable.
	Montréal, Canada	2018-05-25	Having experienced that beautiful region (Melburby beach!), there is no way this idiotic project should be allowed
	Corbyville, Canada	2018-05-26	Apparently the mill ownership can be traced backed through a series of companies and at the end it appears the owner is in

Name	Location	Date	Comment
			Indonesia, so why would they care what happens to the strait. In this day of high tech engineering there has to be a better way of dealing with the waste if the parent company is forced to spend the money.
	New Glasgow, Canada	2018-05-27	We are in dire straits here! Our very health depends on clean waters to insure viable and untainted fish and other marine life. It is obscene to put big and dirty business ahead of the health and well being of the citizens who live here. They will creep away when they can no longer wrench any more out of our environment, but we will still be here, left with little to hang on to for a healthy life. It has happened before. Why let it happen again and again? Enough is enough
	New York, New York, US	2018-05-30	No pipe
	Newmarket, Canada	2018-05-30	I was raised in rural Nova Scotia and remember the pristine waters and fishing ... and that's how it should be Our beautiful Province that is unique in its own way.... please don't let this pipe happen
	Lords Cove, Canada	2018-05-30	Enough is enough! Our planet is in peril- it's time to start fixing it, not making it worse....
	Halifax,ns, Canada	2018-05-30	It will harm fishery, tourism , and our beautiful beaches
	Dartmouth, NS, Canada	2018-05-30	We need to be smarter about our decisions
	Kawartha Lakes, Canada	2018-05-30	I am strongly opposed to this pipe being in the Northumberland Strait.
	Halifax, Nova Scotia, Nova Scotia, Canada	2018-05-30	Our current provincial government is not acting for the environment and hence is creating an environmental deficit for our children and grand-children.
	Smiths Falls, Canada	2018-05-31	Haven't we learned anything yet about what fouling our oceans means to our species, too? Waste disposal is a cost of business that should not be foisted on the environment.
	Saugeen Shores, Ontario, Canada	2018-05-31	Is the water cleaned/filtered before flowing out into the Northumberland Strait? If not, do they fine them for polluting on such a preposterously high scale as this? Keep it clean!
	Fall River, Canada	2018-06-01	The mill is 26 past its life expectancy. No matter what anyone tells you about upgrades, people who go inside the mill are prone to relating feelings of terror about the risk of the conditions inside the mill. I have been to Boat Harbour, and I can speak to the terror of the outfall from the mill. Recent revelations about the estimated costs to clean up Boat Harbour, are grave supports for the risks the Mill's planned effluent pipe will impose on the Northumberland Strait. The illnesses, the air quality and offensive stench. The mill's impacts on our forests in the province. Enough is enough.
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	Moncton, Canada	2018-06-01	No pipe in the strait
	Denver, Colorado, US	2018-06-01	Because The Northumberland Strait is more vital than pulp effluent. NS is not a paper mill trash bin. Save the Marine life. Thank you.
	Canada	2018-06-01	The water will be treated with toxins, dioxins, chlorine, pulp fibres, and fresh water. The Strait is salt water and the marine species rely on a certain degree of salinity
	Fredericton, Canada	2018-06-02	the Oceans are not our private dumping grounds.
	Toronto, Canada	2018-06-03	I want to express my deepest desire to keep the health and well-being of northern fish stocks alive and well for future generations.
	Ajax, Canada	2018-06-05	Northern pulp must treat the effluent water they produce, prior to releasing it into the Northumbrrland Strait. They must take responsibility for the garbage they create.
	Nanaimo, Canada	2018-06-08	I can't figure out how to contact the individual who started this petition, but I have information about a new technology that is far superior and cleaner than what is being proposed in the Northumberland Strait. This information was forwarded to the mill in question, but no response as of yet. If the person who started this petition would like more information about what we proposed, they can contact me at natasha.juba@hotmail.com, and I can put you in touch with the people involved in the technology. Good luck, I hope that your concerns are listened to!
	Montréal, Canada	2018-06-08	I agree with the petition...
	Toronto, Canada	2018-06-13	The salmon and trout are already facing insurmountable problems. Perhaps this is the government's plan to finish them off? So much for campaign promises.

Name	Location	Date	Comment
	Stellarton, Canada	2018-06-14	Because our oceans should not be ruined for others greed and we should be taking better care of OUR oceans and planet
	Victoria, Canada	2018-06-14	Atlantic salmon represent a resource which took thousands if not millions of years to develop. The resource is in a critical state; on life support. Any industrial project which threatens in any way shape or form the future viability of Atlantic salmon is not economically viable, period.
	Atlanta, Georgia, US	2018-06-19	We must always protect our natural resources.
	Halifax, Canada	2018-06-21	My family has lived in New Glasgow, Pictou County for generations, enjoying all the coastal beaches had to offer. I attended as a child, and worked as a young adult at Big Cove, YMCA camp, where we ran canoe trips along the shoreline of the northumberland strait, following east towards Cape Breton, or west towards the ferry to PEI. I have known personally and come to enjoy the pristine coastal waters, a boon for local tourism, and seen bountiful marine life such as seals and porpoises, schools of young fish taking refuge from the tumultuous atlantic waters. I studied Biology at Dalhousie University, and have good evidence to know the harm this would cause to the local economy, and ecology. We cannot allow such reckless disregard for health and human safety, as well as our collective natural resources. Sincerely,
	Vancouver, Canada	2018-06-22	I am a property owner on Pictou Island, NS. I grew up in New Glasgow. I come back every summer. I have seen the change in the quality of the water and our shoreline on the Northumberland Strait. This needs to stop before it is completely destroyed. The short term gain for NP and its few employees is not reason enough for the long term destruction of our strait and all that that encompasses.
	Antigonish, Canada	2018-06-22	Anything worth doing ..is worth doing RIGHT!!. Do the RIGHT THING!
	Canada	2018-06-22	We will contact you
	West Vancouver, Canada	2018-06-29	This decision will require courage, compassion and integrity from Nova Scotia's political leadership. While these traits often exist in candidates for public office, they seem to erode once elected. I hope, as many have recommended, that the politicians vote to protect the marine environment and they support industries that rely on pristine coastal waters to provide employment and promote tourism.
	Micmac, Canada	2018-07-02	#waterissacred, #waterislife, #nopipe
	Conway, Massachusetts, US	2018-07-04	Dumping effluent into pristine waters is a "Third World" thing. We're better educated than that. We know better. Do the right thing, STOP such dumping. Spend the money on up-to-date waste water cleaning and recycle it.

Name	Location	Date	Comment
	Halifax, Canada	2018-07-05	It's an ecological disaster and the local people are strongly against it. Don't force it on them.
	Charlottetown, Canada	2018-07-06	Maritime activities accounted for 15.2% of Nova Scotia's GDP in 2015, and between 10-25% of the GDP of the other Maritime provinces. Deliberately harming the viability of the Maritime ecosystems in this way is grossly irresponsible. This project must be stopped.(Fisheries and Oceans Canada, Maritime Sectors Gross Domestic Product Contribution to Provincial and Territorial Economies 2015, <a href="http://www.dfo-mpo.gc.ca/stats/maritime/tab/mar-tab2-eng.htm" rel="nofollow">http://www.dfo-mpo.gc.ca/stats/maritime/tab/mar-tab2-eng.htm
	Dauphin, Canada	2018-07-06	It will destroy this fragile ecosystem
	bedford, Canada	2018-07-06	The future of the Northumberland Strait is being put at risk. This greedy pulp mill could have invested in alternative solutions to clean up their operation, but instead they reap profits year after year and continue to threaten the environment, multiple industries and the health of those living in and around the maritimes. Shame on this pulp mill and anyone who supports the idea of dumping into the water.
	trenton, Canada	2018-07-06	so many reasons
	Oakville, Canada	2018-07-06	I'm signing because the ocean is an important part of our global ecosystem, and the wastewater dumped into it would be extremely harmful.
	Montreal, Canada	2018-07-07	Our livelihood is more important than the economy
	New Liskeard, Canada	2018-07-07	WTF, only the stupid could expect to do something as potentially destructive as this. Smarten up, change your system and recycle/reuse this water.
	Oshawa, Canada	2018-07-07	Fossil fuels are NOT the way of the future. Protect what we have, politicians won't fight for the environment-the people must.
	NANAIMO, BC, Canada	2018-07-07	It is time.
	Regina, Saskatchewan, Canada	2018-07-07	We can no longer use our oceans and our skies as dumping grounds for our garbage and waste. Everything must be net zero.
	Ann Arbor, Michigan, US	2018-07-07	Oil is out, renewable is in.
	Summerside, Canada	2018-07-08	I work in the fishing industry. As does some of my family. I don't want our lively hoods to suffer, because of a corporation in another province. I also want to continue to enjoy local sea food without worrying about what it's doing to my and my family's health.
	Richmond, Canada	2018-07-08	I can't even believe they would even consider this💎

Name	Location	Date	Comment
	Hugo, Oklahoma, US	2018-07-08	Our oceans and waterways provide home to all kinds of life.
	Dartmouth, Canada	2018-07-08	Not the best idea. Hiding the \$hit.
	Ottawa, Canada	2018-07-09	I care about nature, our oceans and the overall health of Earth
	Pictou, Canada	2018-07-09	I am signing because it is not acceptable to dump millions of litres of effluent into our fishing ground. The proposed pipe will come out right in front of our home. Unbelievable that the government would consider supporting this! No pipe!
	West Kelowna, Canada	2018-07-09	It's the right thing to do.
	Canada	2018-07-09	I believe this is wrong.
	Perth Andover, Canada	2018-07-09	no no and no :( do not put our water at risk :(
	Miscouche, Canada	2018-07-11	This does so much harm to our oceans it has to be stopped!
	Milton, Canada	2018-07-11	I want this to be available to many more generations
	Toronto, Canada	2018-07-20	Without clean water there is no life
	New glasgow, Canada	2018-07-20	I am signing because it is ludicrous to potentially destroy the local fishing industry for the sake of another industry's responsibility. We can live without pulp processing, but can't live without a vital food source.
	dartmouth, Canada	2018-07-20	Im doing this to have a better future for my kids.Would be good to leave something for our grand kids
	Westville, Canada	2018-07-21	We need to protect our natural assets
	Lansdowne, Canada	2018-07-21	No company has the right to imperil the environment!
	Brookfield, Canada	2018-07-23	We need to keep businesses honest & keep them open to the better way not the easier/cheaper way. We also need to unify the effort to live in harmony with nature.
	antigonish, Canada	2018-07-24	I'm worried about the impact on my job as a lobster and tuna fisherman
	Jamaica Plain, Canada	2018-07-24	Ruining the rest of what we have left of our strait would be horrible
	Dartmouth, Canada	2018-07-24	No Pipe

Name	Location	Date	Comment
	New Glasgow, Canada	2018-07-25	No pipe !!!!
	Dartmouth, Nova Scotia, Canada	2018-07-26	Just not a bright idea
	Barneys River Station, Canada	2018-07-28	Why would anyone think a petition or asking &quot;Government&quot; to help with created situation by big international corporations will bring remedy?Noam Chomsky stated that their own peoples are the biggest enemies of corporatized not civil authorities =&gt; Governance.Check your civil status how you being is perceived and treated as an asset/thing, CDM As long as you keep silent and don't want to understand the issue forget your fight, you are lost already be design... <a href="https://www.youtube.com/watch?v=-cT-E-zXLI&amp;feature=youtu.be">https://www.youtube.com/watch?v=-cT-E-zXLI&amp;feature=youtu.be</a>
	Barneys River Station, Canada	2018-07-28	you should worry, the damages will be real and you be blamed on top of it.Carbon-tax is lurking, 'cause you are the problem. Most take the Tax and do not think further..., start thinking big about things you have not known.. petitions are not designed to work, petite=small
	Barneys River Station, Canada	2018-07-28	nice ideas but pls realize why a corporation exists, who developed this fiction and why you have to go back a few centuries--&gt; google &quot;Unam Sanctam&quot; and what it really meant, the desired outcome...still surprised?
	Barneys River Station, Canada	2018-07-28	but a corporation has, can and will, and your government being a corporation itself has applied wool over your eyes trying to keep away your waking up...just check who is issuing licences now, how &quot;access NS&quot; is being organized and who owns this fiction and who it can be sold to....think and ask questions
	Barneys River Station, Canada	2018-07-28	why would this Corporation be benefited with the Indemnity provision, backed up and payed by whom? btw &quot;Government is doing things absolutely right being a Corporation itself and has to listen to its owners, no owner you are not but their asset, their thing/resource to be used up and not bestowed with rights,CDM = capitis dimintutio maxmia, learn about this to live
	Barneys River Station, Canada	2018-07-28	I know is hard to swallow but most citizen of this world have no clou why things are as the are and real problems not solvedPictou County has been plagued with this pulp mill (air, water pollution,low wood prizes, clear-cut, spraying herbicides etc), &quot;Government&quot; funds by the millions poured in over the last half century for no real progress, wake up and small this rotten scheme actually and as what it does to us...
	Barneys River Station, Canada	2018-07-28	good luck, if you concerned study what happened in 1974 with the Canada Bank Act and its outcome...The yet unborn of your growing kids are already loaded up.did you know about this <a href="http://www.comer.org/">http://www.comer.org/</a> ???
	Barneys River Station, Canada	2018-07-28	how? by not grasping the reality?

Name	Location	Date	Comment
	Barneys River Station, Canada	2018-07-28	correct, what do you propose?
	Barneys River Station, Canada	2018-07-28	expect more from foreign Corporation and a no civil fiction of &quot;government&quot;?Did school prepare you for what, who rules? think notwe all have rights but they don't come down like dew in a hot summer nightwe don't even have a fundamental framework for and by the peoples, what do we expect...
	Westville, Nova Scotia, Canada	2018-08-04	I'm signing because this is absolutely disgusting.
	Pictou, Canada	2018-08-14	the effluent would contain chlorines, dioxins, metals, among other toxic constituents and will contain 935kg of solid materials per day.
	Halifax, Canada	2018-08-14	As a commercial lobster fishermen in the Gulf, I know this pollution puts our entire lobster industry at risk. One contaminated lobster could sink our entire reputation and market abroad.
	st peters, Canada	2018-08-15	Because I care
	Pictou, Canada	2018-08-15	Imagine what that kind of financial boost to new small business could do for our economy! Instead of sending it over seas!
	Port Hope, Canada	2018-08-15	How can these companies live with themselves!!! The pollution in itself is horrible let alone everything being fished out!!!!
	Truro, Canada	2018-08-17	Nova Scotia and PEI coastlines have been damaged enough over the years...let the fishing return..quit messing with the ecosystem
	Murray River PE, Canada	2018-08-17	Signing to help prevent a company that doesn't care about polluting the waters of Northumberland strait and harming incomes from fishermen, property values and tourism.
	US	2018-08-20	Enough is enough
	Indianapolis, Indiana, US	2018-08-20	Truly sickening...I am ashamed of man. &quot;The greatness of a nation and its moral progress can be judged by the way its animals are treated.&quot;-Mahatma Ghandi &quot;We should respect animals because it makes better human beings of us all.
	London, Canada	2018-08-28	I agree with the goal.
	Stratford, Canada	2018-08-28	We feel strongly that we must do whatever is necessary to protect the finite environment. David Ing
	Ottawa, Canada	2018-08-29	No Pipes...We're past that.
	Kensington, Canada	2018-08-29	I believe we must take better care of our planet.
	Port Moody, Canada	2018-08-29	We have to quit messing with the ecosystem!



Name	Location	Date	Comment
	St Ann, Canada	2018-08-29	I hope it's not too late !
	Wellington, Canada	2018-08-29	Because it's time we started to care for this world and stop caring for our wallets
	SouthGranville, Canada	2018-08-29	Protect our fisheries.
	Charlottetown, Canada	2018-08-29	I value our waters and marine life and beaches.
	London, England, UK	2018-08-29	Make all the culprits clean their own effluent
	Saint Catherines, Canada	2018-08-29	It is crucial that we protect our water, marine life and industry. This pollution should be criminal.
	Canada	2018-08-29	
	charlottetown, Prince Edward Island, Canada	2018-08-29	I care about my island and it's water quality! I enjoy swimming in this area, as well as thousands of others!
	Miramichi, Canada	2018-08-29	What they want to do is unacceptable.
	Montague, Canada	2018-08-29	This should not happen.
	red deer, Canada	2018-08-29	I care about the environment
	Charlottetown, Canada	2018-08-29	I'm signing because I'm neither insane nor stupid. You have to be one or the other to think this is a good idea.
	Stratford, Ontario, Canada	2018-08-29	I care a lot about the Northumberland Strait
	Crapaud, Canada	2018-08-29	I live right here....in a center of a Straight. I cannot allow this to happen....this will kill tourism and many businesses around!
	Charlottetown, Canada	2018-08-29	This is indeed a major risk to the environmental health of the Northumberland Strait.
	Canada	2018-08-30	Aquatic life and healthy waters in our region is important and deserves protection, to preserve this nature. And btw I enjoy responsible fishing.
	Stanhope, Canada	2018-08-30	In what world could this be a good idea?
	Canada	2018-08-30	I believe by standing together in unity via this petition and those like it; we can make a difference.
	Stratford, Canada	2018-08-30	No pulp in the Gulf!
	Belle River, Canada	2018-08-30	I live in Wood Islands and swim in the strait. Never let this happen to our strait and fish and beaches

Name	Location	Date	Comment
	Conquerall Bank, Canada	2018-08-31	It's important
	Port Colborne, Canada	2018-08-31	This is wrong! We're killing ourselves when we kill our planet!
	Charlottetown, Canada	2018-08-31	Our government needs to stop this and start protecting our environment.
	Miscouche, Canada	2018-08-31	I want the earth to be as healthy as possible
	Charlottetown, Canada	2018-08-31	Because it's 2018.
	Rice Point, Canada	2018-09-01	This is completely insane and stupid.
	Montague, Canada	2018-09-03	Reasons I don't want to see waste going into are waters are, is it killing sea life n beside that I swim in that water
	Trenton, Canada	2018-09-06	
	nova scotia, Canada	2018-09-23	I'm a fisherman and fishing is renewable
	Winnipeg, Canada	2018-10-02	Keep My Country ( Canada ) free from degradation .
	Munster, Indiana, US	2018-10-04	So many of our waters have already been ruined by mining, development, drilling, pollution, and other man-made harm.Enough is enough!Our waters are supposed to be a place of peace and quiet for us, and the fish and wildlife which live in them and/or rely on them!The animals are running out of places to live and be safe. Our fish and wildlife are under threat from so many angles. They desperately need to be protected, mainly from humans.Life is hard enough for people, let alone the animals.Can't we please offer them some much needed help?!PLEASE protect our waters for all future generations before they are permanently ruined. Some damage cannot be undone!
	Charilttrown, Canada	2018-10-09	
	Canada	2018-10-16	I am in support of saving our wildlife, fisheries and waterways. It's time that we starting being responsible for our actions and take care of what we have.
	pictou, Canada	2018-10-25	I worked there for ten years and even though the effluent in the bay of fundy is a really bad idea, you guys don't even know half off it.Good luck
	Trenton, Canada	2018-10-25	Pleas no pipe!
	London, Canada	2018-10-27	STOP THIS DISASTER NOW !!
	TERRE COTTA, Canada	2018-10-31	I have just recently reviewed the UN report on Climate Change and just tonight listened to the WWF report on declining animal /

Name	Location	Date	Comment
			marine species world wide. When will the humane race wake up and realize that proposals such as this effluent dumping into the Northumberland Strait is just another piece of the puzzle aimed at the destruction and death of our planet as we know it today. One day in the not too distant future we will wake up and say "What have we done?" When you hear this , it will be too late. Prepare your children and your grand children to live on a planet the likes of which we have never seen before!
	Montague, Canada	2018-11-04	My family's cottage is in pictou county and many of my friends livelihood depends on the strait. No pipe in the strait.
	Davis, California, US	2018-11-04	Effing environmental criminals. Put them in jail.
	Creston BC, Canada	2018-11-06	Stop it now. Show moral integrity. Make human health and Earth's protection your greatest priority.
	Sinclair's island., Canada	2018-11-08	The idea of polluting the water is insane
	Winnipeg, Canada	2018-11-14	You cannot profit over the destruction of public resources, God-given resources and not take responsibility for the damage you do, the mess you make.
	Cloverdale, NS, Nova Scotia, Canada	2018-11-20	Stop the pollution of our waters and hopefully get rid of the company period!!!!
	Surrey, Canada	2018-11-21	Close it down no delays
	Kentville, Canada	2018-11-21	The Northumberland Strait supports fishing, shellfish and lobsters.
	Stroud, UK	2018-11-21	This is ecocide. Look up Mission Life Force to become an Earth Protector!
	Hammonds Plains, Canada	2018-11-21	I'm concerned about the environmental impact, as well as the impact to Tourism in NS, PEI and NB. There are popular beach areas in the strait and I know I don't want my kids swimming in effluent 💎.
	Halifax, Nova Scotia, Canada	2018-12-04	Boat Harbour was approved because of lies. It has been terrible for 50 years. It must be ended as promised.
	Halifax, Canada	2018-12-05	
	Paris, France	2018-12-07	We are many people out there that are not aware and conscious of these things happening and some that don't even give a damn because of their conditions and education levels, this is a wonderful way to share the and educate people so we can save our planet of this catastrophe..
	Toronto, Ontario, Canada	2018-12-11	I have swam in these waters every summer of my life. This would have devastating effects on the environment, on fisheries, tourism and the way of life for those who live in the region. I get that is scary

Name	Location	Date	Comment
			to loose an industry like pulp and paper in the province but what is scarier is loosing biodiversity.
	Pictou, Canada	2018-12-11	I'm signing because I care about the future of our fishery, our strait, and our community. #nopipe
	Canada	2018-12-11	Fuck northern pulp
	Clark's Harbour, Canada	2018-12-12	Be stupid not to sign this
	London, Canada	2018-12-12	Im connected to mother earth....
	Ottawa, Canada	2018-12-12	I believe strongly in the fact that we must move away from Fossil Fuels.
	Canmore, Canada	2018-12-13	This just makes no sense at all.
	Cow Bay, Canada	2018-12-17	They destroyed NB's natural forest, don't want to see ours go the same way. Glyphosate (Roundup) is a dangerous poison not only us but all living things it comes in contact with. Stop it now.
	Courtenay, Canada	2019-02-02	i am very concerned about the wildlife and people. i do not live there now, but i lived near there for around 3 years. linda ferns, DVM
	Charlottetown, Prince Edward Island, Canada	2019-02-03	There is no life without clean water.
	New Glasgow, Canada	2019-02-03	
	Antigonish, Canada	2019-02-05	My family will be directly impacted by the pipe if it goes through #nopipe
	Canada	2019-02-05	I love our waters
	westville, Pictou county, Canada	2019-02-05	I'm signing not only because my family makes part of our living off of the Northumberland strait, but also because I notice the way northern pulp impacts the health of everyone in this county, the pulp mill needs to go, and this pipe will not only absolutely destroy our waters, but will also allow northern pulp to continue to pollute our environment and damage my health, along with everyone around me. #nopipe
	New Glasgow, Canada	2019-02-05	It's the right thing to do! Protect our waters!
	New Waterford, Canada	2019-02-06	Tired of all the pollution this mill has caused
	Pictou, Canada	2019-02-06	#nopipe
	Stellarton, Canada	2019-02-06	I am concerned for and about the health of the people and the environment in the area of which I live .Northern Pulp have already

Name	Location	Date	Comment
			had too many chances to correct their wrongs and have ignored all of it !!
	Bathurst, Canada	2019-02-06	I care !
	pictou, Canada	2019-02-08	
	Eastern passage, Canada	2019-02-11	I care about our future.. our childrens future... I care about the animals. We need to think ahead. Leave the oil in the ground
	Moncton, Canada	2019-02-11	
	Hawi, Hawaii, US	2019-02-11	Protecting our water and the ecosystems within those waters should be the most important thing. We are in a climate crisis and this will only speed that up, we are on the verge of extinction as we continue to desemate this earth and all those inhabiting it.
	Harrowsmith, Canada	2019-02-12	All water sources lead in some way to the ocean, which is in need of dire help due to our society. Let's stop adding to the problem and instead start coming up with solutions! :)
	Saint John, Canada	2019-02-12	I support the cause !
	Pomaria, South Carolina, US	2019-02-13	For the families
	Truro, Canada	2019-02-13	I believe we have done enough damage. It's really time to care for our planet.
	Pigeon, Michigan, US	2019-02-13	I support this cause..
	Lucasville, Nova Scotia, Canada	2019-02-17	This is all about money and jobs. I am against destroying our waters ways for the sake of saving a factory where CEO's are earnings millions on the backs of our environment. The pulp mill shouldn't be there in the first place
	Mount Herbert, Canada	2019-02-17	Save the Strait from further damage, remember that PEI pesticides have already poured a tremendous amount of poison into the Strait.
	Belfast, Canada	2019-02-18	the strait is critical
	Charlottetown, Canada	2019-02-18	Water and marine life are important.
	Montague, Canada	2019-02-18	I love the waters of Northumberland Strait and this makes no sense.

Recipient: Minister Environment of Nova Scotia, Minister McKenna, Jonathan Wilkinson

Letter: Greetings,

Minister Miller, Minister Wilkinson and Minister McKenna,

Today we have dozens of rivers that dump into the Northumberland Strait not counting tributaries. The Strait is a main passage for our a lot of marine species including Waterfowl. It is a place for them to feed, rest and live. However all this is at major risk with the proposed 90 million litres of effluent to be pumped into the Strait a day. The effluent at the outflow of the pipe is going to come out at 25c in the Winter and 37c in the summer!! (The natural water temps of the Strait reaches 15C in the summer ) These temps will absolutely change the diversity and make up of this sensitive and important marine ecosystem. This will increase the overall temperatures of the Strait over time due to the high volume of effluent being pumped a day.

The Effluent is going to be fresh water. The Strait is comprised of salt water and species that require a specific level of salinity. At a rate of 70-90 Million litres a day, the salinity of the Strait will change as the waste continues to accumulate over time. This will impact Wetlands, all species that use the Strait as well as the food sources within.

The makeup of the toxic chemicals that will be part of the effluent will also pose major threat to marine life. The communications officer for Northern Pulp has said a few times that the current infrastructure of the mill cannot handle the new proposed effluent makeup because it will be to corrosive to their internal setup and that pumping it into the Strait is the most economical option for the Mill. However, there are many scientific documents that show the risk and harm that will come from this.

Furthermore, the effluent would contain chlorines, dioxins, metals, among other toxic constituents and will contain 935kg of solid materials per day. All of these can bioaccumulate, having catastrophic effects on marine life. Laboratory studies using individual chlorinated organic compounds that are commonly discharged from bleached pulp mills have demonstrated effects such as deformities, as well as embryonic and larval mortalities in fish. These chronic effects will jeopardize the future of many fish species and damage the integrity of the ecosystem. It is documented that Dioxins contaminate fish and shellfish because fish act like sponges for Dioxins,

accumulating them at 25,000-50,000 times the concentrations present in their environment. It also is reported that fish species 250 miles away from the source have been impacted.

The other obvious threat to the Strait is the colour of the water will change. The effluent due to its makeup will change the colour at the water at the outflow of the pipe which is positioned a few kms offshore and directly into the Strait. At millions of litres a day, this will impact a very large area and ultimately change the natural state of the ecosystem.

The Strait already has several large dead zones due to nutrient overloading from many sources. It cannot handle any additional pressures. Boat Harbour, once a very healthy estuary and wetlands is an official environmental disaster due to the mills current waste process. The NS Government is mandating that it be stopped by 2020 and cleaned up. However, the option Northern Pulp came up with is to dump it into the Northumberland Strait! We need Federal involvement and a full Environmental Assessment completed to ensure that the proper scientific testing is done and risks highlighted.

These are only a few points of a concern from a very long list that this pipe will cause. Our wetlands and surrounding marine habitat are not the only things at risk here. Atlantic Salmon, Trout, Herring, Gasperaux, Smelt, Eels, Whales, Atlantic dolphins, Tuna, Mackerel, Striped Bass, etc etc etc all will be impacted by high water temps, toxic chemicals, changes in salinity and water clarity.

You can help by submitting feedback on the Environmental process by sending your concerns to [ea@novascotia.ca](mailto:ea@novascotia.ca)

# Signatures

Name	Location	Date
	Canada	2018-04-13
	Halifax, Canada	2018-04-13
	New Glasgow, Canada	2018-04-13
	Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Amherst, Canada	2018-04-13
	Moncton, Canada	2018-04-13
	Bridgewater, Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Canada	2018-04-13
	Saint John, Canada	2018-04-13
	New glasgow, Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Canada	2018-04-13
	Burlington, Canada	2018-04-13
	Trenton, Canada	2018-04-13
	Fort McMurray, Canada	2018-04-13
	porters lake, Canada	2018-04-13
	lunenburg, Canada	2018-04-13



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Glace Bay, Canada	2018-04-13
	Stillwater NS, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Hebville, Canada	2018-04-13
	Pictou, Canada	2018-04-13
	Chester Basin, Canada	2018-04-13
	Elmsdale, Canada	2018-04-13
	Antigonish, Canada	2018-04-13
	Bickerton West, Canada	2018-04-13
	Kentville, Canada	2018-04-13
	North Grant, Canada	2018-04-13
	Toronto, Canada	2018-04-13
	Sydney, Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Lyons brook, Canada	2018-04-13
	Pictou, Canada	2018-04-13
	New Glasgow, Canada	2018-04-13
	Amherst, Canada	2018-04-13
	Dartmouth, N.S., Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Madrid, Spain	2018-04-13
	Sherbrooke, Canada	2018-04-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Aspen, Canada	2018-04-13
	Wittenbach, Switzerland	2018-04-13
	Charlottetown, Canada	2018-04-13
	Glace Bay, Canada	2018-04-13
	Fall River, Canada	2018-04-13
	Germany	2018-04-13
	Hamburg, Germany	2018-04-13
	Pubnico, Canada	2018-04-13
	Sherbrooke NS, Canada	2018-04-13
	Essen, Germany	2018-04-13
	Poortvliet, Nebraska, US	2018-04-13
	Terrebonne, California, US	2018-04-13
	Sydney, Canada	2018-04-13
	Westminster, Colorado, US	2018-04-13
	Berlin, Germany	2018-04-13
	Hoogezand, Netherlands	2018-04-13
	US	2018-04-13
	Sconser, Scotland, UK	2018-04-13
	Aschaffenburg, Germany	2018-04-13
	Kirkland, Canada	2018-04-13
	Pictou, Canada	2018-04-13
	Switzerland	2018-04-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Grand-Métis, Canada	2018-04-13
	New Glasgow, Canada	2018-04-13
	Charlottetown, Canada	2018-04-13
	Mahone Bay, Canada	2018-04-13
	Antigonish, Canada	2018-04-13
	Truro, Canada	2018-04-13
	Muttenz, Switzerland	2018-04-13
	Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Toronto, Canada	2018-04-13
	Germany	2018-04-13
	Copenhagen, Denmark	2018-04-13
	New Glasgow, Canada	2018-04-13
	New Glasgow, Canada	2018-04-13
	Timberlea, Canada	2018-04-13
	Scotsburn, Canada	2018-04-13
	Kirchdorf an der Krems, Austria	2018-04-13
	Antigonish, Canada	2018-04-13
	Madrid, Spain	2018-04-13
	Summerside, Canada	2018-04-13
	Bedford Station, Canada	2018-04-13
	Sydney, Canada	2018-04-13

Name	Location	Date
	Dartmouth, Canada	2018-04-13
	Heerlen, Netherlands	2018-04-13
	Antigonish, Canada	2018-04-13
	Paris, France	2018-04-13
	Truro, Canada	2018-04-13
	Summerside, Canada	2018-04-13
	New Glasgow, Canada	2018-04-13
	Barcelona, Spain	2018-04-13
	Halifax, Canada	2018-04-13
	Lower Sackville, Canada	2018-04-13
	Stellarton, Canada	2018-04-13
	Wolfratshausen, Germany	2018-04-13
	Sylvester, Canada	2018-04-13
	Cardigan, Canada	2018-04-13
	Burlington, Canada	2018-04-13
	Las Vegas, Nevada, US	2018-04-13
	New Glasgow, Canada	2018-04-13
	Eskasoni, Canada	2018-04-13
	Eskasoni, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Sampsonville, Canada	2018-04-13
	Schoondijke, Netherlands	2018-04-13

Name	Location	Date
	Wellington, Canada	2018-04-13
	Eskasoni, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Vaison-la-Romaine, France	2018-04-13
	Victoria, Canada	2018-04-13
	Seaview, Pictou County, Canada	2018-04-13
	Truro, Canada	2018-04-13
	Ghent, Belgium	2018-04-13
	Bredestraat, Belgium	2018-04-13
	Truro, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Canso, Canada	2018-04-13
	North Sydney, Canada	2018-04-13
	Moncton, Canada	2018-04-13
	Charlottetown, Canada	2018-04-13
	Pictou, Canada	2018-04-13
	Canada	2018-04-13
	Pictou, Canada	2018-04-13
	Stellarton, Canada	2018-04-13
	Eskasoni, Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Eskasoni, Canada	2018-04-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Bedford, Canada	2018-04-13
	Westville, Canada	2018-04-13
	Lanaken, Belgium	2018-04-13
	Germany	2018-04-13
	Halifax, Canada	2018-04-13
	Hawkinsville, Georgia, US	2018-04-13
	Westville, Canada	2018-04-13
	Murray River, Canada	2018-04-13
	Lower Sackville, Canada	2018-04-13
	Saint-Joseph-de-Kent, Canada	2018-04-13
	Oak Point, Canada	2018-04-13
	Hunter River, Canada	2018-04-13
	Church Point, Canada	2018-04-13
	Mayen, Germany	2018-04-13
	Toulouse, France	2018-04-13
	Halifax, Canada	2018-04-13
	Canada	2018-04-13
	Wabush, Canada	2018-04-13
	Brussels, Belgium	2018-04-13
	Hazelbrook, Canada	2018-04-13
	Q. Cove, Canada	2018-04-13
	alma, Canada	2018-04-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	East Preston, Canada	2018-04-13
	Stourbridge, England, UK	2018-04-13
	Dartmouth, Canada	2018-04-13
	Toronto, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Pictou, Canada	2018-04-13
	Guntersdorf, Austria	2018-04-13
	Westville, Canada	2018-04-13
	Lower Sackville, Canada	2018-04-13
	Lawrencetown, Canada	2018-04-13
	Charlottetown, Canada	2018-04-13
	sydney, Canada	2018-04-13
	Prince Edward Island, Canada	2018-04-13
	Pictou, Canada	2018-04-13
	Nürnberg, Germany	2018-04-13
	Murray harbour, Canada	2018-04-13
	Antigonish, Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Montague, Canada	2018-04-13
	Charlottetown, Canada	2018-04-13
	Wijk Bij Duurstede, Netherlands	2018-04-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Westcock, Canada	2018-04-13
	Antigonish, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Sherbrooke, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Dartmouth, Canada	2018-04-13
	Bedford, Canada	2018-04-13
	Blind River, Canada	2018-04-13
	Montague, Canada	2018-04-13
	New Glasgow, Canada	2018-04-13
	Antigonish, Canada	2018-04-13
	Bedford, Canada	2018-04-13
	Cincinnati, Ohio, US	2018-04-13
	Charlottetown, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Charlottetown, Canada	2018-04-13
	Montague, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Truro, Canada	2018-04-13
	Murray Harbour, Canada	2018-04-13
	Browns Plains, Australia	2018-04-13
	Dartmouth, Canada	2018-04-13



Name	Location	Date
	Dartmouth, Canada	2018-04-13
	Berwick, Canada	2018-04-13
	canoas, Illinois, US	2018-04-13
	Oxford nova scotia, Canada	2018-04-13
	Halifax, Canada	2018-04-13
	Pictou County, Canada	2018-04-13
	Stittsville, Canada	2018-04-14
	North Sydney, Canada	2018-04-14
	Montague, Canada	2018-04-14
	Charlottetown, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Pictou, Canada	2018-04-14
	Sydney, Canada	2018-04-14
	Indian Harbour Lake, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Saint Peter's, Canada	2018-04-14
	Oxford, Canada	2018-04-14
	Summerside, Canada	2018-04-14
	stellarton, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	New Glasgow, Canada	2018-04-14
	Montague, Canada	2018-04-14

Name	Location	Date
	NEW GLASGOW, Canada	2018-04-14
	Charlottetown, Canada	2018-04-14
	Walled Lake, Michigan, US	2018-04-14
	Halifax, Canada	2018-04-14
	Stellarton, Canada	2018-04-14
	Eskasoni, Canada	2018-04-14
	Reno, Pennsylvania, US	2018-04-14
	River John, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Tatamagouche, Canada	2018-04-14
	Canada	2018-04-14
	St Albert, Canada	2018-04-14
	Tokyo, Japan	2018-04-14
	Sherbrooke, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Winnipeg, Canada	2018-04-14
	Burlington, Canada	2018-04-14
	halifax, Canada	2018-04-14
	Truro, Canada	2018-04-14
	Pictou, Canada	2018-04-14
	Scotsburn, Canada	2018-04-14
	Silver Spring, Maryland, US	2018-04-14

Name	Location	Date
	Montague, Canada	2018-04-14
	Canada	2018-04-14
	villarotta- luzzara, Italy	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	New Glasgow, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Westville, Canada	2018-04-14
	Margaree Forks, Canada	2018-04-14
	Baddeck, Canada	2018-04-14
	Mount Stewart, Canada	2018-04-14
	Westville, Canada	2018-04-14
	Charlottetown, Canada	2018-04-14
	Antigonish, Canada	2018-04-14
	Stellarton, Canada	2018-04-14
	ABBOTSFORD, Canada	2018-04-14
	Portland, Oregon, US	2018-04-14
	Truro, Canada	2018-04-14
	Rr#1 Trenton NS, Canada	2018-04-14
	Hanover, Germany	2018-04-14
	trenton, Canada	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montague, Canada	2018-04-14
	Cardigan, Canada	2018-04-14
	Greenwood, Canada	2018-04-14
	Pictou, Canada	2018-04-14
	BrightsGrove, Canada	2018-04-14
	Höör, Oklahoma, US	2018-04-14
	Port Hawkesbury, Canada	2018-04-14
	Matawan, New Jersey, US	2018-04-14
	Katy, Texas, US	2018-04-14
	New Glasgow, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Canada	2018-04-14
	Porters Lake, Canada	2018-04-14
	port hawkesbury, Canada	2018-04-14
	Pierrelatte, France	2018-04-14
	Halifax, Canada	2018-04-14
	Japan	2018-04-14
	Leeuwarden, Netherlands	2018-04-14
	Hoogezand, Netherlands	2018-04-14
	Amherst, Canada	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Denare Beach, Canada	2018-04-14
	Amsterdam, Netherlands	2018-04-14
	Inverness, Canada	2018-04-14
	Leicester, England, UK	2018-04-14
	New Glasgow, Canada	2018-04-14
	Ottawa, Canada	2018-04-14
	Germany	2018-04-14
	Tacoma, Washington, US	2018-04-14
	Vancouver, Canada	2018-04-14
	Canada	2018-04-14
	hemford, Canada	2018-04-14
	Worcester, UK	2018-04-14
	Shobdon, England, UK	2018-04-14
	Wahlsburg, Germany	2018-04-14
	Paris, France	2018-04-14
	Hessle, England, UK	2018-04-14
	Berg, Austria	2018-04-14
	LYON, France	2018-04-14
	Dartmouth, Canada	2018-04-14
	Germany	2018-04-14
	Zdroisko, Poland	2018-04-14
	, Scotland, UK	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	cluj, Romania	2018-04-14
	Kentville, Canada	2018-04-14
	Georgetown, Malaysia	2018-04-14
	Pictou, Canada	2018-04-14
	R'veer, Netherlands	2018-04-14
	Schöneberg, Germany	2018-04-14
	Dartmouth, Canada	2018-04-14
	Bremen, Germany	2018-04-14
	Balzan, Malta	2018-04-14
	Upice, US	2018-04-14
	Nelson, England, UK	2018-04-14
	Brookside, Canada	2018-04-14
	Ichtershausen, Germany	2018-04-14
	Bedford, Canada	2018-04-14
	Charlottetown, Canada	2018-04-14
	Mount Stewart, Canada	2018-04-14
	Erlensee, Germany	2018-04-14
	Bagnolet, France	2018-04-14
	Popovo, Bulgaria	2018-04-14
	56220, Germany	2018-04-14
	Saint John, Canada	2018-04-14
	Antigonish, Canada	2018-04-14

Name	Location	Date
	Düsseldorf, Germany	2018-04-14
	longes, Florida, US	2018-04-14
	Germany	2018-04-14
	Montréal, Canada	2018-04-14
	NS, Canada	2018-04-14
	san german puerto rico, New York, US	2018-04-14
	RR1 Merigomish, Canada	2018-04-14
	Kennebunkport, Maine, US	2018-04-14
	Fredericton, Canada	2018-04-14
	Pictou, Canada	2018-04-14
	sabine.stiker@web.de, Germany	2018-04-14
	Vienna, Austria	2018-04-14
	Antigonish, Canada	2018-04-14
	Scotsburn, Canada	2018-04-14
	Guysborough, Canada	2018-04-14
	Ipswich, UK	2018-04-14
	Gent, Belgium	2018-04-14
	Mumbai, India	2018-04-14
	Germany	2018-04-14
	gignac, France	2018-04-14
	country harbour, Canada	2018-04-14
	Halifax, Canada	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Sydney, Australia	2018-04-14
	Dartmouth, NS, Canada	2018-04-14
	UK	2018-04-14
	Nova scotia, Canada	2018-04-14
	Ottawa, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Seafoam NS, Canada	2018-04-14
	Waverley, Canada	2018-04-14
	Canada	2018-04-14
	Merigomish, Canada	2018-04-14
	Amherst, Canada	2018-04-14
	Hantsport, Canada	2018-04-14
	Oxford, Canada	2018-04-14
	Hamoir, Belgium	2018-04-14
	Westville, Canada	2018-04-14
	Bytom, Poland	2018-04-14
	Tokyo, Japan	2018-04-14
	St. Peter's, Canada	2018-04-14
	Old Town, Maine, US	2018-04-14
	Kittery, Maine, US	2018-04-14
	Japan	2018-04-14
	Somerville, Massachusetts, US	2018-04-14



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Merigomish, Canada	2018-04-14
	Nova Scotia, Canada	2018-04-14
	Eppenbrunn, Germany	2018-04-14
	Enfield, NS, Canada	2018-04-14
	Pictou, Canada	2018-04-14
	Afton Station, Canada	2018-04-14
	Wolfville, Canada	2018-04-14
	Szatymaz, Hungary	2018-04-14
	Pictou, Canada	2018-04-14
	Ottawa, Canada	2018-04-14
	Oshawa, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Prince, Canada	2018-04-14
	Oulens-Echallens, Switzerland	2018-04-14
	Bellaire, Texas, US	2018-04-14
	Hasselt, Texas, US	2018-04-14
	Zülpich, Germany	2018-04-14
	Moncont, Canada	2018-04-14
	Frankfurt Am Main, Germany	2018-04-14
	Miami, Florida, US	2018-04-14
	Halifax, Canada	2018-04-14

Name	Location	Date
	Belfast, Canada	2018-04-14
	Houston, Texas, US	2018-04-14
	Montague, Canada	2018-04-14
	River John, Canada	2018-04-14
	Calgary, Canada	2018-04-14
	Digby, Canada	2018-04-14
	Charlottetown, Canada	2018-04-14
	Inverness, Canada	2018-04-14
	Amherst, Canada	2018-04-14
	St. Peter's, Canada	2018-04-14
	Sydney, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Brooklyn, New York, US	2018-04-14
	Pictou, Canada	2018-04-14
	大阪, Japan	2018-04-14
	Chester, Canada	2018-04-14
	Fort mcmurray, Canada	2018-04-14
	Devon, England, UK	2018-04-14
	Staffordsville, Kentucky, US	2018-04-14
	Merigomish, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Edmonton, Canada	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Pictou, Canada	2018-04-14
	Toronto, Canada	2018-04-14
	Japan	2018-04-14
	Montague, Canada	2018-04-14
	Fairview, Canada	2018-04-14
	Mississauga, Canada	2018-04-14
	Hilpoltstein, Germany	2018-04-14
	Afa, France	2018-04-14
	Calgary, Canada	2018-04-14
	UK	2018-04-14
	Bangkok, Thailand	2018-04-14
	Murray river p.e.i, Canada	2018-04-14
	Katy, Texas, US	2018-04-14
	UK	2018-04-14
	Guilford, Vermont, US	2018-04-14
	Calgary, Canada	2018-04-14
	Calgary, Canada	2018-04-14
	Montague, Canada	2018-04-14
	London, Canada	2018-04-14
	Sarnia, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Lower Sackville, Canada	2018-04-14

Name	Location	Date
	Canada	2018-04-14
	Calamba,Laguna, Philippines	2018-04-14
	Canada	2018-04-14
	Sannois, France	2018-04-14
	Port Hastings, Canada	2018-04-14
	Pictou, Canada	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	France	2018-04-14
	US	2018-04-14
	Canada	2018-04-14
	Wolfville, Canada	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	timberlea, Canada	2018-04-14
	Canada	2018-04-14
	Montague, Canada	2018-04-14
	Luskville, Canada	2018-04-14
	Munich, Germany	2018-04-14
	Rusagonis, Canada	2018-04-14
	Lyon, France	2018-04-14
	Calgary, Canada	2018-04-14

Name	Location	Date
	Puerto Lumbreras, Spain	2018-04-14
	Singapore, Singapore	2018-04-14
	merksem, Belgium	2018-04-14
	Lynn, Massachusetts, US	2018-04-14
	Katy, Texas, US	2018-04-14
	Moncton, Canada	2018-04-14
	Washington, Utah, US	2018-04-14
	Atwood, Illinois, US	2018-04-14
	Germany	2018-04-14
	port hawkesbury, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Westville, Canada	2018-04-14
	Kingston, Canada	2018-04-14
	Amsterdam, Netherlands	2018-04-14
	France	2018-04-14
	Des Moines, Iowa, US	2018-04-14
	Mermaid PEI, Canada	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-04-14
	Canada	2018-04-14
	Calgary, Canada	2018-04-14
	Hennebont, France	2018-04-14
	US	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	Vienna, Austria	2018-04-14
	San Antonio, Texas, US	2018-04-14
	livorno, Italy	2018-04-14
	Sidney, Ohio, US	2018-04-14
	Toronto, Canada	2018-04-14
	Belle River, Canada	2018-04-14
	Beaver bank, Canada	2018-04-14
	Pei, Canada	2018-04-14
	Saskatoon, Canada	2018-04-14
	Ljubljana, Slovenia	2018-04-14
	Powell River, Canada	2018-04-14
	torino, Italy	2018-04-14
	saint-aignan, France	2018-04-14
	Sherwood Park, Canada	2018-04-14
	Pictou, Canada	2018-04-14

Name	Location	Date
	Lake Cowichan, Canada	2018-04-14
	Spain	2018-04-14
	Riedbach, Germany	2018-04-14
	Toronto, Canada	2018-04-14
	Glace bay, Canada	2018-04-14
	Coventry, US	2018-04-14
	Canoe Cove PEI, Canada	2018-04-14
	Bridgetown, Canada	2018-04-14
	los angeles, California, US	2018-04-14
	istanbul, Turkey	2018-04-14
	Kirchbach, Austria	2018-04-14
	Borden, Canada	2018-04-14
	rekem, Belgium	2018-04-14
	Shasta Lake, California, US	2018-04-14
	Saint-nicolas-de-port, France	2018-04-14
	Abercraf, Wales; Cymru, UK	2018-04-14
	Cambridge, Canada	2018-04-14
	Murray Harbour, Canada	2018-04-14
	US	2018-04-14
	France	2018-04-14
	US	2018-04-14
	Scotsburn, Canada	2018-04-14

Name	Location	Date
	US	2018-04-14
	Debert, Canada	2018-04-14
	Birchwood, England, UK	2018-04-14
	Canada	2018-04-14
	Vienna, Austria	2018-04-14
	debert, Canada	2018-04-14
	France	2018-04-14
	Powell River, Canada	2018-04-14
	Eschweiler, Germany	2018-04-14
	Pictou, Canada	2018-04-14
	Espoo, Finland	2018-04-14
	ch-town, Canada	2018-04-14
	New glasgow, Canada	2018-04-14
	Oslo, Norway	2018-04-14
	Germany	2018-04-14
	Saint Anns, Canada	2018-04-14
	Moncton, Canada	2018-04-14
	Halifax, Canada	2018-04-14
	Merigomish, Canada	2018-04-14
	Vernon, Canada	2018-04-14
	Toronto, Canada	2018-04-14
	New Glasgow, Canada	2018-04-14



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Halifax, Canada	2018-04-14
	Inverness, Canada	2018-04-14
	Gent, Belgium	2018-04-14
	IRELAND, Ireland	2018-04-14
	Halifax, Canada	2018-04-14
	Grevenbroich, Germany	2018-04-14
	paris, France	2018-04-14
	Nidderau, Germany	2018-04-14
	st-cruiz, Costa Rica	2018-04-14
	Saratoga, California, US	2018-04-14
	Moonstone, Canada	2018-04-14
	Derendingen, Switzerland	2018-04-14
	Florida, Florida, US	2018-04-14
	Berwick, Canada	2018-04-14
	Polten, Austria	2018-04-14
	Sankt Pölten, Austria	2018-04-14
	Hammonds Plains, Canada	2018-04-14
	Celebration, Florida, US	2018-04-14
	Halifax, Canada	2018-04-14
	Bogota, Colombia	2018-04-14
	Tatamagouche, Canada	2018-04-14
	Cardigan, Canada	2018-04-14

Name	Location	Date
	pictou, Canada	2018-04-14
	Houthalen, Belgium	2018-04-14
	Pictou, Canada	2018-04-14
	Austin, Texas, US	2018-04-14
	Sudbury, Canada	2018-04-14
	Digby, Canada	2018-04-14
	Puerto Vallarta, Mexico	2018-04-14
	Antigonish, Canada	2018-04-14
	S.O., New Jersey, US	2018-04-14
	Dartmouth, Canada	2018-04-14
	Cambridge, UK	2018-04-14
	US	2018-04-14
	UK	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	UK	2018-04-14
	Canada	2018-04-14
	UK	2018-04-14
	Canada	2018-04-14
	Canada	2018-04-14
	Nørrebro, Denmark	2018-04-14
	Bridgewater, Canada	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	stephenville, Texas, US	2018-04-14
	Portsmouth, New Hampshire, US	2018-04-14
	5310 leuze, Belgium	2018-04-14
	Chilpancingo Guerrero, Mexico	2018-04-14
	Zagreb, Croatia	2018-04-14
	Sao Paulo, Brazil	2018-04-14
	Montague, Canada	2018-04-14
	Etobicoke, Canada	2018-04-14
	Sydney, Canada	2018-04-14
	Hagerhill, Kentucky, US	2018-04-14
	Charlottetown, Canada	2018-04-14
	Burns Lake, Canada	2018-04-14
	San Miguel, Argentina	2018-04-14
	Mönchengladbach, Germany	2018-04-14
	Fürth, Germany	2018-04-14
	Mount Uniacke, Canada	2018-04-14
	Dartmouth, Canada	2018-04-14
	Konstanz, Germany	2018-04-14
	Manchester, Åland Islands	2018-04-14
	Marple Bridge, England, UK	2018-04-14
	Calcutta, India	2018-04-14
	France	2018-04-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	New Glasgow, Canada	2018-04-15
	Welland, Canada	2018-04-15
	New Glasgow, Canada	2018-04-15
	Fulshear, Texas, US	2018-04-15
	Charlottetown, Canada	2018-04-15
	Eskasoni, Canada	2018-04-15
	Oakville, Canada	2018-04-15
	Toronto, Canada	2018-04-15
	Steinbach, Canada	2018-04-15
	Toronto, Canada	2018-04-15
	Sydney, Canada	2018-04-15
	Eldon, Canada	2018-04-15
	Madoc, Canada	2018-04-15
	New Glasgow, Canada	2018-04-15
	Dartmouth, Canada	2018-04-15
	bridgetown , w.a, Australia	2018-04-15
	Dartmouth, Canada	2018-04-15
	Linden, California, US	2018-04-15
	Bangkok, Thailand	2018-04-15
	Gifu, Japan	2018-04-15
	Hamilton, Canada	2018-04-15
	Tolar, Texas, US	2018-04-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Koné, New Caledonia	2018-04-15
	Ottawa, Canada	2018-04-15
	Pownal, Canada	2018-04-15
	Fort McMurray, Canada	2018-04-15
	Willowbrook, Illinois, US	2018-04-15
	Port Coquitlam, Canada	2018-04-15
	Canada	2018-04-15
	Katy, Texas, US	2018-04-15
	US	2018-04-15
	Toowoomba, Australia	2018-04-15
	Buenos Aires, Argentina	2018-04-15
	France	2018-04-15
	UK	2018-04-15
	Hindås, Sweden	2018-04-15
	Geneve, Switzerland	2018-04-15
	Powell River, Canada	2018-04-15
	Málaga, Spain	2018-04-15
	hong kong, Hong Kong	2018-04-15
	Halifax, Canada	2018-04-15
	Spain	2018-04-15
	Plaisir, France	2018-04-15
	Danbury, England, UK	2018-04-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montague, Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Finland	2018-04-15
	Winterport, Maine, US	2018-04-15
	Lanaken, Belgium	2018-04-15
	Pictou, NS, Canada	2018-04-15
	Pont de Chéruiy, France	2018-04-15
	Marly-la-Ville, France	2018-04-15
	Dartmouth, Canada	2018-04-15
	Hannover, Germany	2018-04-15
	Roma, US	2018-04-15
	Санкт-Петербург, Russia	2018-04-15
	West Branch, Canada	2018-04-15
	Scituate, Massachusetts, US	2018-04-15
	Antigonish,N.S., Canada	2018-04-15
	Australia	2018-04-15
	Berlin, Delaware, US	2018-04-15
	Mount Stewart, Canada	2018-04-15
	North Sydney, Canada	2018-04-15
	MELUN, France	2018-04-15

Name	Location	Date
	Scotsburn, Canada	2018-04-15
	Eberbach / seltz, France	2018-04-15
	Oakville, Canada	2018-04-15
	Toronto, Canada	2018-04-15
	Vernon, Canada	2018-04-15
	Pictou, Canada	2018-04-15
	Hebburn, England, UK	2018-04-15
	Groesbeek, Netherlands	2018-04-15
	Port Hawkesbury, Canada	2018-04-15
	Dartmouth, Canada	2018-04-15
	Kippens, Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15

Name	Location	Date
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	New Glasgow, Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Setagaya-ku, Japan	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15



Name	Location	Date
	Chester, Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
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	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Bromley, UK	2018-04-15
	UK	2018-04-15

Name	Location	Date
	UK	2018-04-15
	Canada	2018-04-15
	Margaree forks, Canada	2018-04-15
	Dartmouth, Canada	2018-04-15
	Inverness, Canada	2018-04-15
	Sherbrooke, Canada	2018-04-15
	antigonish, Canada	2018-04-15
	Charlottetown, Canada	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	London, UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	Centreville, Canada	2018-04-15
	UK	2018-04-15

Name	Location	Date
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Aalborg, Denmark	2018-04-15
	Sacramento, California, US	2018-04-15
	Belton, Texas, US	2018-04-15
	Dunkirk, Maryland, US	2018-04-15
	Georgetown, Canada	2018-04-15
	Shubenacadie, Canada	2018-04-15
	Victoria, Canada	2018-04-15
	Mechelen, Belgium	2018-04-15
	Pictou county, Canada	2018-04-15
	Full, Switzerland	2018-04-15
	Pictou, Canada	2018-04-15
	Roma, Italy	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15

Name	Location	Date
	UK	2018-04-15
	UK	2018-04-15
	US	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	US	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	US	2018-04-15
	UK	2018-04-15

Name	Location	Date
	UK	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	MEUDON LA FORET, France	2018-04-15
	Rolle, Switzerland	2018-04-15
	signes, France	2018-04-15
	Lausanne, Switzerland	2018-04-15
	25436, Delaware, US	2018-04-15
	Montague PEI, Canada	2018-04-15
	bordeaux, France	2018-04-15
	Fort McMurray, Canada	2018-04-15
	Jambes, Belgium	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	Saskatoon, Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15

Name	Location	Date
	UK	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	Canada	2018-04-15
	Canada	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	US	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	UK	2018-04-15
	jambes, Belgium	2018-04-15
	UK	2018-04-15
	Esch, Texas, US	2018-04-15
	TOURCOING, France	2018-04-15
	cabestany, Florida, US	2018-04-15
	Singapore, Singapore	2018-04-15
	Halifax, Canada	2018-04-15

Name	Location	Date
	Nancy, France	2018-04-15
	France	2018-04-15
	Lower Sackville, Canada	2018-04-15
	Pictou, Canada	2018-04-15
	Spain	2018-04-15
	st pete, Florida, US	2018-04-15
	Collombey, Switzerland	2018-04-15
	Montague, Canada	2018-04-15
	Johnstons River, Canada	2018-04-15
	Moncton, Canada	2018-04-15
	Charlottetown, Canada	2018-04-16
	Montague, Canada	2018-04-16
	Toronto, Canada	2018-04-16
	Villiers-en-Désoeuvre, France	2018-04-16
	Toronto, Canada	2018-04-16
	New Glasgow, Nova Scotia, Canada	2018-04-16
	Charlottetown, Canada	2018-04-16
	Myrtle Beach, South Carolina, US	2018-04-16
	US	2018-04-16
	UK	2018-04-16
	US	2018-04-16
	Canada	2018-04-16

Name	Location	Date
	US	2018-04-16
	Canada	2018-04-16
	Canada	2018-04-16
	US	2018-04-16
	Edmonton, Alberta, Canada	2018-04-16
	Trenton, Canada	2018-04-16
	Pahrump, Nevada, US	2018-04-16
	Adelaide, Australia	2018-04-16
	Dartmouth, Canada	2018-04-16
	Cologne, Germany, Germany	2018-04-16
	Germany	2018-04-16
	Kosice, Slovakia	2018-04-16
	Australia, Alabama, US	2018-04-16
	bridgetown, Canada	2018-04-16
	Germany	2018-04-16
	Sakado-shi, Japan	2018-04-16
	555 22, Australia	2018-04-16
	Takatsuki, Japan	2018-04-16
	Milan, Italy	2018-04-16
	神奈川県, Japan	2018-04-16
	Sackville, Canada	2018-04-16
	Moncton, Canada	2018-04-16



Name	Location	Date
	Japan	2018-04-16
	Wellington, Florida, US	2018-04-16
	dartmouth, Canada	2018-04-16
	South Bend, Indiana, US	2018-04-16
	Napanee, Canada	2018-04-16
	Villeurbanne, France	2018-04-16
	Truro, Canada	2018-04-16
	TORRES, UK	2018-04-16
	Okotoks, Canada	2018-04-16
	Miramichi, Canada	2018-04-16
	rr1 trenton, Canada	2018-04-16
	Stellarton, Canada	2018-04-16
	Halifax, Canada	2018-04-16
	Dartmouth, Canada	2018-04-16
	Sp, Brazil	2018-04-16
	Sherbrooke, Canada	2018-04-16
	Canada	2018-04-16
	Charlottetown, Canada	2018-04-16
	bruxelles, Belgium	2018-04-16
	Tokyo, Japan	2018-04-16
	Dartmouth, Canada	2018-04-16
	Sackville, Canada	2018-04-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-04-16
	aulac, Canada	2018-04-16
	Schneeberg, Germany	2018-04-16
	Lower Sackville, Canada	2018-04-16
	bruxelles, Belgium	2018-04-16
	Brussels, Belgium	2018-04-16
	Peterborough, Canada	2018-04-16
	Zaragoza, Spain	2018-04-16
	Berwick, Canada	2018-04-16
	Sugarcamp, Canada	2018-04-16
	Sackville, Canada	2018-04-16
	Burnt church new brunswick, Canada	2018-04-16
	Pictou, Canada	2018-04-16
	Montréal, Canada	2018-04-16
	Westville, Canada	2018-04-16
	Upper cape, Canada	2018-04-16
	São Paulo, Brazil	2018-04-16
	Moncton, Canada	2018-04-16
	Halifax, Canada	2018-04-16
	Saint Peters, Canada	2018-04-16
	Hamilton, Canada	2018-04-16
	Nova scotia, Canada	2018-04-16

Name	Location	Date
	Canada	2018-04-16
	ESTEIO, Puerto Rico, US	2018-04-16
	Rio Grande, Brazil	2018-04-16
	Porto Alegre, RS, República Federativa do Brasil, Brazil	2018-04-16
	Paris, France	2018-04-16
	Paris, France	2018-04-16
	Sackville NB., Canada	2018-04-16
	Port Hawkesbury, Canada	2018-04-16
	Dartmouth, Canada	2018-04-16
	Cambridge, Canada	2018-04-16
	Pictou, Canada	2018-04-16
	New Glasgow, Canada	2018-04-16
	Nova Scotia, Canada	2018-04-16
	Lower Sackville, Canada	2018-04-16
	Porto Alegre, Brazil	2018-04-16
	Purchase, New York, US	2018-04-16
	Germany	2018-04-16
	Cape Town, South Africa	2018-04-16
	Edinburgh, Scotland, UK	2018-04-16
	Charlottetown, Canada	2018-04-16
	Gardena, California, US	2018-04-16

Name	Location	Date
	New Glasgow, Canada	2018-04-16
	Fredericton, Canada	2018-04-16
	Rotterdam, Netherlands	2018-04-16
	Hampton, New Hampshire, US	2018-04-16
	Dartmouth, Canada	2018-04-16
	US	2018-04-16
	Canada	2018-04-16
	Canada	2018-04-16
	Canada	2018-04-16
	UK	2018-04-16
	Canada	2018-04-16
	UK	2018-04-16
	UK	2018-04-16
	US	2018-04-16
	US	2018-04-16
	Canada	2018-04-16
	US	2018-04-16
	Pictou, Canada	2018-04-16
	Ridderkerk, Netherlands	2018-04-16
	Charlottetown, Canada	2018-04-16
	Cardiff By The Sea, California, US	2018-04-16
chanel mitton	Amherst, Canada	2018-04-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Scotsburn, Canada	2018-04-16
	Elgin, Canada	2018-04-16
	Amesbury, Massachusetts, US	2018-04-16
	Springhill, Canada	2018-04-16
	Dieppe, Canada	2018-04-16
	Pictou, Canada	2018-04-16
	ARACAJU SE, Brazil	2018-04-16
	Porto, Portugal	2018-04-16
	Norfolk, Virginia, US	2018-04-16
	New Glasgow, Canada	2018-04-17
	福岡県, Japan	2018-04-17
	Rio De Janeiro, Brazil	2018-04-17
	Elmsdale, Canada	2018-04-17
	Los Angeles, California, US	2018-04-17
	Sydney, Canada	2018-04-17
	Stretford, England, UK	2018-04-17
	Bowen Island, Canada	2018-04-17
	New Waterford, Canada	2018-04-17
	Americana, Brazil	2018-04-17
	Edinburgh, Scotland, UK	2018-04-17
	Moncton, Canada	2018-04-17
	Oakland, California, US	2018-04-17

Name	Location	Date
	antigonish, Canada	2018-04-17
	Amparo, Brazil	2018-04-17
	Westville, Canada	2018-04-17
	Dartmouth, Canada	2018-04-17
	Dartmouth, Canada	2018-04-17
	san sebastian, Spain	2018-04-17
	Paris, France	2018-04-17
	Essex Junction, Vermont, US	2018-04-17
	Espoo Finland, Finland	2018-04-17
	liège, Belgium	2018-04-17
	Rochester, Michigan, US	2018-04-17
	Kissimmee, Florida, US	2018-04-17
	Asso, Italy	2018-04-17
	Port Hawkesbury, Canada	2018-04-17
	Brooklyn, New York, US	2018-04-17
	Inverness Nova Scotia, Canada	2018-04-17
	Conception Bay South, Canada	2018-04-17
	Chester, Canada	2018-04-17
	Inverness, Canada	2018-04-17
	Sao Paulo, Brazil	2018-04-17
	Navas Del Rey, Spain	2018-04-17
	Little Narrows, Canada	2018-04-17

Name	Location	Date
	london, Canada	2018-04-17
	Dartmouth, Canada	2018-04-17
	Dartmouth, Canada	2018-04-17
	Chéticamp, Canada	2018-04-17
	Spain	2018-04-17
	Vancouver, Canada	2018-04-17
	New Glasgow, Canada	2018-04-17
	Southwest Margaree, Canada	2018-04-17
	Fairfield, Iowa, US	2018-04-17
	Rigolet, Canada	2018-04-18
	Canada	2018-04-18
	Italy	2018-04-18
	Orangedale, Canada	2018-04-18
	Halifax, Canada	2018-04-18
	Whycocomagh, Canada	2018-04-18
	Cheticamp, Canada	2018-04-18
	Naples, Florida, US	2018-04-18
	Dartmouth, Canada	2018-04-18
	Dartmouth, Canada	2018-04-18
	Dartmouth, Canada	2018-04-18
	Dartmouth, Canada	2018-04-18

Name	Location	Date
	Margaree Harbour, Nova Scotia, New York, US	2018-04-18
	Tokyo, Japan	2018-04-18
	Hobart, Australia	2018-04-18
	Fontenay-aux-roses, France	2018-04-18
	Ketch Harbour, Canada	2018-04-18
	Charlottetown, Canada	2018-04-18
	Pictou.N.S, Canada	2018-04-18
	Salt Springs, NS, Canada	2018-04-18
	Whycocomagh, Canada	2018-04-18
	Whycocomagh, Canada	2018-04-18
	Margaree, Canada	2018-04-18
	Halifax , NS, Canada	2018-04-18
	Saint Vincent, France	2018-04-18
	Colombes, France	2018-04-18
	Halifax, Canada	2018-04-18
	Grand Etang, NS, Canada	2018-04-18
	Margaree, Canada	2018-04-18
	Mount Pisgah, Canada	2018-04-18
	Antigonish, Canada	2018-04-18
	Toronto, Canada	2018-04-18
	Wellington, Canada	2018-04-18



Name	Location	Date
	Halifax, Canada	2018-04-18
	East Margaree, Canada	2018-04-18
	Stratford P.E.I., Canada	2018-04-18
	Riverview, Canada	2018-04-18
	Hampton, Canada	2018-04-18
	Mabou, Canada	2018-04-18
	Mabou, Canada	2018-04-18
	Montague pei, Canada	2018-04-18
	Halifax, Canada	2018-04-18
	Halifax, Canada	2018-04-18
	Charlottetown, Canada	2018-04-18
	Mount Stewart, Canada	2018-04-18
	Baddeck, Canada	2018-04-18
	Sao Paulo, Brazil	2018-04-18
	Dartmouth, Canada	2018-04-18
	Halifax, Canada	2018-04-18
	Tatamagouche, Canada	2018-04-18
	Inverness, Canada	2018-04-18
	Pictou, Canada	2018-04-18
	Inverness, Canada	2018-04-18
	Antigonish, Canada	2018-04-18
	Woburn, Massachusetts, US	2018-04-19

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Amherst NS, Canada	2018-04-19
	Canada	2018-04-19
	edmonton, Canada	2018-04-19
	Pictou, Canada	2018-04-19
	Vernon Bridge, Canada	2018-04-19
	South Winsloe, Canada	2018-04-19
	Charlottetown, PE, Canada	2018-04-19
	New Glasgow, Canada	2018-04-19
	Antiginish, Canada	2018-04-19
	Reading, Massachusetts, US	2018-04-19
	Ottawa, Canada	2018-04-19
	New Glasgow, Canada	2018-04-19
	New Glasgow, Canada	2018-04-19
	Tatamagouche, Canada	2018-04-19
	Germany	2018-04-19
	vero beach, Florida, US	2018-04-19
	Plant City, Florida, US	2018-04-19
	Three Fathom Harbour, Canada	2018-04-19
	Halifax, Canada	2018-04-19
	Donkin, Canada	2018-04-19
	Sackville, Canada	2018-04-19
	Charlottetown, Canada	2018-04-19

Name	Location	Date
	New Glasgow, Canada	2018-04-19
	Don Mills, Canada	2018-04-19
	Wallace, Canada	2018-04-19
	Moncton, Canada	2018-04-19
	Mabou, Canada	2018-04-19
	Herring Cove, Canada	2018-04-19
	Upper Tantallon, Canada	2018-04-19
	Yarmouth, Canada	2018-04-19
	Halifax, Canada	2018-04-19
	Inverness, Canada	2018-04-19
	US	2018-04-19
	US	2018-04-19
	Canada	2018-04-19
	London, England, UK	2018-04-19
	Canada	2018-04-19
	US	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19
	UK	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-04-19
	UK	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19
	US	2018-04-19
	Canada	2018-04-19
	US	2018-04-19
	Canada	2018-04-19
	US	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19
	Canada	2018-04-19
	US	2018-04-19
	LaHave, Canada	2018-04-20
	Seabright, Canada	2018-04-20
	Edmonton, Canada	2018-04-20
	Edmonton, Canada	2018-04-20
	Limerick, Ireland	2018-04-20
	Ireland	2018-04-20
	Dublin, Ireland	2018-04-20
	Wulften Am Harz, Germany	2018-04-20

Name	Location	Date
	Avondale, Arizona, US	2018-04-20
	Cheticamp, Canada	2018-04-20
	Mississauga, Canada	2018-04-20
	Port Hood, Canada	2018-04-20
	FONTENAY-TRESIGNY, France	2018-04-20
	Canada	2018-04-20
	Canada	2018-04-20
	West Babylon, New York, US	2018-04-20
	US	2018-04-20
	UK	2018-04-20
	US	2018-04-20
	UK	2018-04-20
	Canada	2018-04-20
	UK	2018-04-20
	US	2018-04-20
	UK	2018-04-20
	Epinay sur Orge, France	2018-04-20
	Vannes, France	2018-04-20
	Victoria, Canada	2018-04-20
	Woods Harbour, Canada	2018-04-20
	Antigonish ,Nova Scotia, Canada	2018-04-21
	Dingwall, Canada	2018-04-21

Name	Location	Date
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	UK	2018-04-21
	US	2018-04-21
	UK	2018-04-21
	Canada	2018-04-21
	Canada	2018-04-21
	Canada	2018-04-21
	Truro, Canada	2018-04-21
	Marietta, Ohio, US	2018-04-21
	Weßling, Germany	2018-04-21
	Antwerpen, Belgium	2018-04-21

Name	Location	Date
	Hastings, Australia	2018-04-21
	San Diego, California, US	2018-04-22
	Geldrop, Netherlands	2018-04-22
	Gloucester, England, UK	2018-04-22
	Charlottetown, Canada	2018-04-22
	Baddeck, Canada	2018-04-22
	Germany	2018-04-23
	Schomberg, Canada	2018-04-23
	Halifax, Canada	2018-04-23
	Wolfville, Canada	2018-04-23
	Antigonish, Canada	2018-04-23
	Antigonish, Canada	2018-04-23
	West Dover, Canada	2018-04-23
	Canada	2018-04-23
	Dartmouth, Canada	2018-04-23
	Halifax, Canada	2018-04-23
	UK	2018-04-23
	UK	2018-04-23
	UK	2018-04-23
	US	2018-04-23
	UK	2018-04-23
	Dartmouth, Canada	2018-04-23

Name	Location	Date
	UK	2018-04-23
	UK	2018-04-23
	UK	2018-04-23
	US	2018-04-23
	UK	2018-04-23
	UK	2018-04-23
	US	2018-04-23
	Gaspereaux Lake, Canada	2018-04-23
	Canada	2018-04-23
	US	2018-04-23
	Canada	2018-04-23
	US	2018-04-23
	US	2018-04-23
	Canada	2018-04-23
	UK	2018-04-23
	US	2018-04-23
	Canada	2018-04-23
	UK	2018-04-23
	UK	2018-04-23
	UK	2018-04-23
	Canning, Canada	2018-04-23
	Pictou, Canada	2018-04-23



Name	Location	Date
	Halifax, Canada	2018-04-23
	halifax, Canada	2018-04-23
	Halifax, Canada	2018-04-24
	Halifax, Canada	2018-04-24
	Halifax, Canada	2018-04-24
	Katy, Texas, US	2018-04-24
	Halifax, Canada	2018-04-24
	Halifax, Canada	2018-04-24
	Halifax, Canada	2018-04-24
	Truro, Canada	2018-04-24
	Halifax, Canada	2018-04-25
	Montreal, Canada	2018-04-25
	Antigonish, Canada	2018-04-25
	Miramichi NB, Canada	2018-04-25
	Canada	2018-04-25
	US	2018-04-25
	Antigonish, Canada	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	Fowlerville, Michigan, US	2018-04-25
	Canada	2018-04-25

Name	Location	Date
	US	2018-04-25
	Salt Lake City, Utah, US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	Antigonish, Canada	2018-04-25
	Antigonish, Canada	2018-04-25
	Fowlerville, Michigan, US	2018-04-25
	F, Canada	2018-04-25
	Canada	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	US	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	US	2018-04-25

Name	Location	Date
	UK	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	US	2018-04-25
	Canada	2018-04-25
	US	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	Canada	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	US	2018-04-25

Name	Location	Date
	UK	2018-04-25
	US	2018-04-25
	Canada	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	UK	2018-04-25
	Canada	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	Canada	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	Canada	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	Roanoke, Virginia, US	2018-04-25
	UK	2018-04-25
	US	2018-04-25
	UK	2018-04-25

Name	Location	Date
	UK	2018-04-25
	US	2018-04-25
	UK	2018-04-25
	Toronto, Canada	2018-04-25
	Antigonish, Canada	2018-04-25
	Halifax, Canada	2018-04-26
	Newburyport, Massachusetts, US	2018-04-26
	madrid, Spain	2018-04-26
	Mill Village, Canada	2018-04-26
	Dartmouth, Canada	2018-04-26
	Dartmouth, Canada	2018-04-26
	Canada	2018-04-26
	Canada	2018-04-26
	Canada	2018-04-26
	Liberia, Canada	2018-04-26
	Canada	2018-04-26
	Canada	2018-04-26
	New Glasgow, Canada	2018-04-26
	Riverview, Canada	2018-04-26
	Fredericton, Canada	2018-04-26
	Ann Arbor, Michigan, US	2018-04-26
	Pictou, Canada	2018-04-26

Name	Location	Date
	Canada	2018-04-26
	Canada	2018-04-26
	Halifax, Canada	2018-04-26
	SAntigonish, N.S., Canada	2018-04-26
	Pictou, Canada	2018-04-26
	Louisdale, Canada	2018-04-26
	Canada	2018-04-26
	Berwick, Canada	2018-04-26
	Whitton, Middx, England, UK	2018-04-26
	pictou, Canada	2018-04-26
	Canada	2018-04-26
	Dartmouth, Canada	2018-04-26
	Canada	2018-04-26
	Canada	2018-04-27
	Antigonish, Canada	2018-04-27
	Westville, Canada	2018-04-27
	pictou nova scotia, Canada	2018-04-27
	Cambridge, Canada	2018-04-27
	Canada	2018-04-27
	Canada	2018-04-27
	Canada	2018-04-27
	Canada	2018-04-27

Name	Location	Date
	Kings Head, Canada	2018-04-27
	Merigomish, Canada	2018-04-27
	Warsaw, Poland	2018-04-27
	Pictou, Canada	2018-04-27
	Halifax, Canada	2018-04-27
	Fall River, Canada	2018-04-27
	Canada	2018-04-27
	Truro, Canada	2018-04-27
	trenton, Canada	2018-04-27
	Pictou, Canada	2018-04-27
	Canada	2018-04-27
	Windsor, Canada	2018-04-27
	Trenton, Canada	2018-04-27
	Russia	2018-04-27
	Pictou, Canada	2018-04-27
	Leduc, Canada	2018-04-27
	Toronto, Canada	2018-04-27
	Canada	2018-04-27
	New Glasgow, Canada	2018-04-27
	Canada	2018-04-27
	Baku, Azerbaijan	2018-04-27
	Saint John, Canada	2018-04-27

Name	Location	Date
	Saint John, Canada	2018-04-27
	New Glasgow, Canada	2018-04-27
	Antigonish, Canada	2018-04-27
	Miramichi, Canada	2018-04-27
	Sackville, Canada	2018-04-27
	Russia	2018-04-27
	Frenchfort, pe, Canada	2018-04-27
	Saint John, Canada	2018-04-27
	Pictou County, Canada	2018-04-27
	New Glasgow, Canada	2018-04-27
	Syracuse, New York, US	2018-04-27
	Saint Louis, NB, Canada	2018-04-27
	Stewiacke, Canada	2018-04-27
	Halifax, Nova Scotia, Canada	2018-04-28
	Canada	2018-04-28
	Canada	2018-04-28
	Antigonish, Canada	2018-04-28
	Toronto, Canada	2018-04-28
	Truro, Canada	2018-04-28
	Canada	2018-04-28
	Truro, Canada	2018-04-28
	Chaplin Island Road, Canada	2018-04-28



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Port Hawkesbury, Canada	2018-04-28
	Stellarton, Canada	2018-04-28
	Scotsburn, Canada	2018-04-28
	Rutland, Vermont, US	2018-04-28
	St.peters ns., Canada	2018-04-28
	Halifax, Canada	2018-04-28
	Halifax, Canada	2018-04-28
	Halifax, California, US	2018-04-28
	Halifax, Canada	2018-04-28
	Canada	2018-04-28
	Pictou Co, Canada	2018-04-28
	Hunter River, Canada	2018-04-28
	Mount Uniacke, Canada	2018-04-28
	Summerside, Canada	2018-04-28
	Riverside, California, US	2018-04-28
	Toronto, Canada	2018-04-28
	Truro, Canada	2018-04-28
	Charlottetown, Canada	2018-04-28
	Mount Stewart, Canada	2018-04-28
	Charlottetown, Canada	2018-04-28
	Halifax, Canada	2018-04-28
	Toronto, Canada	2018-04-28

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Baddeck, Canada	2018-04-28
	Halifax, Canada	2018-04-28
	Beechville, Canada	2018-04-28
	Antigonish, Canada	2018-04-28
	Stratford, Canada	2018-04-28
	Canada	2018-04-28
	Macedonia (FYROM)	2018-04-28
	MacDougall Settlement, Canada	2018-04-28
	Denver, Colorado, US	2018-04-28
	Halifax, Canada	2018-04-28
	Truro, Canada	2018-04-28
	US	2018-04-28
	Abymes, Guadeloupe	2018-04-28
	Delta, Canada	2018-04-28
	Summerside, Canada	2018-04-28
	Canada	2018-04-28
	Halifax, Canada	2018-04-28
	Mulgrave, Canada	2018-04-28
	Charlottetown, Canada	2018-04-28
	Kingston, Canada	2018-04-28
	Antigonish, Canada	2018-04-28
	Pictou, Canada	2018-04-28

Name	Location	Date
	Nappan, Canada	2018-04-28
	Murray River, Canada	2018-04-28
	Sussex, Wisconsin, US	2018-04-28
	Truro, Canada	2018-04-28
	Abbotsford, Canada	2018-04-28
	Halifax, Canada	2018-04-28
	Almonte, Canada	2018-04-28
	Bass River, Canada	2018-04-28
	Falmouth, Canada	2018-04-29
	Cape Breton, Canada	2018-04-29
	Truro, Canada	2018-04-29
	Dartmouth, Canada	2018-04-29
	Hopewell n.s., Canada	2018-04-29
	Canada	2018-04-29
	Medicine Hat, Canada	2018-04-29
	Canada	2018-04-29
	Canada	2018-04-29
	US	2018-04-29
	Canada	2018-04-29
	Canada	2018-04-29
	US	2018-04-29
	Truro, Canada	2018-04-29

Name	Location	Date
	Country HBR, Canada	2018-04-29
	Canada	2018-04-29
	Thame, England, UK	2018-04-29
	Oman	2018-04-29
	Nova Scotia, Canada	2018-04-29
	Canada	2018-04-29
	Sydney, Canada	2018-04-29
	Montague, Canada	2018-04-29
	Trenton. Ns, Canada	2018-04-29
	Salt Springs, Canada	2018-04-29
	Guysborough, Canada	2018-04-29
	Dartmouth, Canada	2018-04-29
	Antigonish, Canada	2018-04-29
	Canada	2018-04-29
	Gilmour, Canada	2018-04-29
	Sydney, Canada	2018-04-29
	Guysborough, Canada	2018-04-29
	N Falls, Canada	2018-04-29
	Boularderie East, Canada	2018-04-29
	Canada	2018-04-29
	Dartmouth, Canada	2018-04-29
	Merigomish, Canada	2018-04-29

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Halifax, Canada	2018-04-29
	New glasgow, Canada	2018-04-29
	Halifax, Canada	2018-04-29
	Conception Bay South, Canada	2018-04-29
	Hillcrest, Canada	2018-04-29
	Scotsburn, Canada	2018-04-29
	Canada	2018-04-29
	Canada	2018-04-29
	Canada	2018-04-29
	UK	2018-04-29
	US	2018-04-29
	Canada	2018-04-29
	Canada	2018-04-29
	Canada	2018-04-29
	UK	2018-04-29
	UK	2018-04-29
	US	2018-04-29
	US	2018-04-29
	India	2018-04-29
	Sydney, NS, Canada	2018-04-29
	Bedford, Canada	2018-04-29
	Rose Bay, Canada	2018-04-29

Name	Location	Date
	Truro, Canada	2018-04-29
	Trenton, Canada	2018-04-29
	Halton Hills, Canada	2018-04-29
	Minnedosa, Canada	2018-04-29
	Long Creek, Canada	2018-04-29
	Summerside, Canada	2018-04-29
	Canada	2018-04-29
	Boutilier's Point, Canada	2018-04-29
	Flat River, Canada	2018-04-29
	Canada	2018-04-29
	US	2018-04-29
	US	2018-04-29
	US	2018-04-29
	UK	2018-04-29
	Summerside, Canada	2018-04-29
	US	2018-04-29
	UK	2018-04-29
	Pictou, Canada	2018-04-29
	Pictou, Canada	2018-04-29
	Pictou, Canada	2018-04-30
	pictou, Canada	2018-04-30
	Rice Point, Canada	2018-04-30

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-04-30
	Bridgetown NS, Canada	2018-04-30
	Pictou, Canada	2018-04-30
	Halifax, Canada	2018-04-30
	Pictou, Canada	2018-04-30
	Halifax, Canada	2018-04-30
	Canada	2018-04-30
	Pictou, Canada	2018-04-30
	Pictou, Canada	2018-04-30
	Pictou, Canada	2018-04-30
	Durham, Canada	2018-04-30
	Trenton Nova Scotia, Canada	2018-04-30
	Canada	2018-04-30
	Canada	2018-04-30
	Westville, Canada	2018-04-30
	Halifax, NS, Canada	2018-04-30
	Calgary, Canada	2018-04-30
	Evanston, Canada	2018-04-30
	Canada	2018-04-30
	US	2018-04-30
	Scotch Hill, Canada	2018-04-30
	Kenzieville, Canada	2018-04-30

Name	Location	Date
	Montréal, Canada	2018-04-30
	Roanoke, Virginia, US	2018-04-30
	London, UK	2018-04-30
	Fortrose, Scotland, UK	2018-04-30
	Edinburgh, UK	2018-04-30
	Hove, England, UK	2018-04-30
	Dartmouth, Canada	2018-04-30
	Halifax, Canada	2018-04-30
	Dartmouth, Canada	2018-04-30
	Zoetermeer, Netherlands	2018-04-30
	Canada	2018-04-30
	Antigonish, Canada	2018-04-30
	Amesbury, England, UK	2018-04-30
	St. John's, Canada	2018-04-30
	Yarmouth, Canada	2018-04-30
	Halifax, Canada	2018-04-30
	Canada	2018-04-30
	US	2018-04-30
	Canada	2018-04-30
	US	2018-04-30
	UK	2018-04-30
	UK	2018-04-30



Name	Location	Date
	Wakefield, Massachusetts, US	2018-04-30
	US	2018-04-30
	US	2018-04-30
	Canada	2018-04-30
	Canada	2018-04-30
	Canada	2018-04-30
	UK	2018-04-30
	UK	2018-04-30
	Canada	2018-04-30
	Canada	2018-04-30
	UK	2018-04-30
	antioch, California, US	2018-04-30
	Fortrose, Scotland, UK	2018-04-30
	Canada	2018-04-30
	US	2018-04-30
	pictou, Canada	2018-05-01
	Pictou, Canada	2018-05-01
	Westville, Canada	2018-05-01
	Scotsburn, Canada	2018-05-01
	Fraser's Mills, Canada	2018-05-01
	Westville, Canada	2018-05-01
	Pictou, Canada	2018-05-01

Name	Location	Date
	Westville, Canada	2018-05-01
	New Glasgow, Canada	2018-05-01
	New Glasgow, Canada	2018-05-01
	Whycocomagh, Canada	2018-05-01
	Canada	2018-05-01
	Truro, Canada	2018-05-01
	Pictou, Canada	2018-05-01
	Stellarton, Canada	2018-05-01
	Neptune, New Jersey, US	2018-05-01
	US	2018-05-01
	US	2018-05-01
	US	2018-05-01
	Scotsburn, Canada	2018-05-01
	US	2018-05-01
	Canada	2018-05-01
	Horsham, England, UK	2018-05-01
	Koh Samui, Thailand	2018-05-01
	Halifax, Canada	2018-05-01
	Caribou Island, Canada	2018-05-01
	Westville, Canada	2018-05-01
	Halifax, Canada	2018-05-01
	Canada	2018-05-01

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-01
	Canada	2018-05-01
	Australia	2018-05-01
	Canada	2018-05-01
	pictou, Canada	2018-05-01
	US	2018-05-01
	Canada	2018-05-01
	Canada	2018-05-01
	BRISTOL, England, UK	2018-05-01
	Hove, England, UK	2018-05-01
	Mount Helena, Australia	2018-05-01
	Pictou County, Canada	2018-05-01
	Murray River, Canada	2018-05-01
	joggins, Canada	2018-05-01
	Amherst, Canada	2018-05-01
	Halifax, Canada	2018-05-01
	Browns Mills, New Jersey, US	2018-05-01
	Dartmouth, Canada	2018-05-01
	Mexico, Mexico	2018-05-01
	moncton, Canada	2018-05-01
	Malagash, Canada	2018-05-01
	US	2018-05-01



Name	Location	Date
	UK	2018-05-01
	Canada	2018-05-01
	Kanata, Ontario, Canada	2018-05-01
	Bridgewater, Canada	2018-05-01
	Berwick, Canada	2018-05-01
	US	2018-05-01
	Ottawa, Canada	2018-05-01
	Amherst, Canada	2018-05-01
	Fortrose, Scotland, UK	2018-05-01
	Aylesford, Canada	2018-05-01
	Canada	2018-05-01
	Berwick, Canada	2018-05-01
	Lower Sackville, Canada	2018-05-01
	New Glasgow, Canada	2018-05-01
	Berwick, Canada	2018-05-01
	Amherst, Canada	2018-05-01
	Canada	2018-05-01
	UK	2018-05-01
	Canada	2018-05-01
	collingwood, Canada	2018-05-01
	Trenton, Canada	2018-05-01
	US	2018-05-01

Name	Location	Date
	UK	2018-05-01
	Halifax, Canada	2018-05-01
	Edmonton , Alberta, Canada	2018-05-01
	Chilliwack, Canada	2018-05-01
	Sherwood Park, Canada	2018-05-01
	Kitchener, Canada	2018-05-01
	Shelburne, Canada	2018-05-01
	shelburne, Canada	2018-05-01
	Halifax, N.S., California, US	2018-05-01
	Canada	2018-05-01
	Thorburn, Canada	2018-05-01
	Canada	2018-05-01
	Los Angeles, California, US	2018-05-01
	US	2018-05-01
	Chipman Brook, Canada	2018-05-01
	Winnipeg, Canada	2018-05-01
	US	2018-05-01
	US	2018-05-01
	Canada	2018-05-01
	US	2018-05-01
	US	2018-05-01
	US	2018-05-01

Name	Location	Date
	Halifax, Canada	2018-05-01
	Tatamagouche, Canada	2018-05-01
	Halifax, Canada	2018-05-01
	Halifax, Canada	2018-05-01
	Malagash, Canada	2018-05-01
	Jolicure, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Pictou, Canada	2018-05-02
	victoria, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Canada	2018-05-02
	Lockeport, Canada	2018-05-02
	US	2018-05-02
	Spruce Grove, Canada	2018-05-02
	Hong Kong, Hong Kong	2018-05-02
	saltspring island, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	US	2018-05-02

Name	Location	Date
	Canada	2018-05-02
	Truro, Canada	2018-05-02
	Sri Lanka	2018-05-02
	UK	2018-05-02
	Truro, Canada	2018-05-02
	Scotburn, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Lawrencetown, Canada	2018-05-02
	toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Burlington, Canada	2018-05-02
	MONTREAL, Canada	2018-05-02
	vancouver, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	Halifax, Canada	2018-05-02
	US	2018-05-02



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	Peterborough, Canada	2018-05-02
	Sudbury, Canada	2018-05-02
	Scarborough, Canada	2018-05-02
	Quispamsis, Canada	2018-05-02
	Kingston, Canada	2018-05-02
	arnprior, Canada	2018-05-02
	Fergus, Canada	2018-05-02
	US	2018-05-02
	Montreal, Canada	2018-05-02
	Wallenstein, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Bowmanville, Canada	2018-05-02
	St Marys, Canada	2018-05-02
	Almonte, Canada	2018-05-02
	Toronto, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-02
	Québec, Canada	2018-05-02
	wakefield, Canada	2018-05-02
	Hillsburgh, Canada	2018-05-02
	Freelton, Canada	2018-05-02
	Nepean, Canada	2018-05-02
	Gatineau, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	Mississauga, Canada	2018-05-02
	Tofield, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Etobicoke, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Mississauga, Canada	2018-05-02
	Baden, Canada	2018-05-02
	Belle River, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	South Woodslee, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	Corner brook, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-02
	Brampton, Canada	2018-05-02
	Port Elgin, Canada	2018-05-02
	Norris Point, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Barrie, Canada	2018-05-02
	Port Colborne, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Thunder Bay, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Burlington, Canada	2018-05-02
	RR3 Pictou, Canada	2018-05-02
	St Catharines, Canada	2018-05-02
	Hammonds Plains, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Essex, Canada	2018-05-02
	Guelph, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Chester, Canada	2018-05-02
	Stratford, Canada	2018-05-02

Name	Location	Date
	Tweed, Canada	2018-05-02
	Woodbridge, Canada	2018-05-02
	US	2018-05-02
	Barrie, Canada	2018-05-02
	Mill Bay, Canada	2018-05-02
	US	2018-05-02
	Kingston, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Sutton, Canada	2018-05-02
	Saint-Lambert, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Port Williams, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Sudbury, Canada	2018-05-02
	Wellington, Canada	2018-05-02
	Howick, Canada	2018-05-02
	Fonthill, Canada	2018-05-02
	US	2018-05-02
	Schomberg, Canada	2018-05-02
	To, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Portage la Prairie, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Canada	2018-05-02
	Abbotsford, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Durham, UK	2018-05-02
	Montreal, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	Regina, Canada	2018-05-02
	UK	2018-05-02
	Canada	2018-05-02
	Merville, Canada	2018-05-02
	Bradford, Canada	2018-05-02
	Canada	2018-05-02
	Wakefield, Canada	2018-05-02
	Fredericton, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	Rimbey, Canada	2018-05-02
	Guelph, Canada	2018-05-02
	Montréal, Canada	2018-05-02

Name	Location	Date
	Belle River, Canada	2018-05-02
	Quinte West, Canada	2018-05-02
	Surrey, Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	N-D-du-Mont-Carmel, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Windsor, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	montreal, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Cookstown, Canada	2018-05-02
	Kincardine, Canada	2018-05-02
	Shanty Bay, Canada	2018-05-02
	US	2018-05-02
	Innisfil, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02

Name	Location	Date
	Mattawa, Canada	2018-05-02
	US	2018-05-02
	Cranbrook, Canada	2018-05-02
	Whitby, Canada	2018-05-02
	Orton, Canada	2018-05-02
	Brampton, Canada	2018-05-02
	US	2018-05-02
	Port Carling, Canada	2018-05-02
	Tatamagouche, Nova Scotia, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	UK	2018-05-02
	Toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Guelph, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	innisfil, on, Canada	2018-05-02
	Oak Bay NB, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	McGill University, Montreal, Canada	2018-05-02

Name	Location	Date
	Oakville, Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Wood Islands, PE, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	Oro Station, Canada	2018-05-02
	vaughan, Canada	2018-05-02
	Whitby, Canada	2018-05-02
	Lethbridge, Canada	2018-05-02
	UK	2018-05-02
	Prevost, Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	peterborough, Canada	2018-05-02
	Gatineau, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	UK	2018-05-02
	Canada	2018-05-02



Name	Location	Date
	Canada	2018-05-02
	Saint Andrews, Canada	2018-05-02
	Mount Forest, Canada	2018-05-02
	West Kelowna, Canada	2018-05-02
	Mississauga, Canada	2018-05-02
	Thornhill, ON, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Plum coulee, Canada	2018-05-02
	London, Canada	2018-05-02
	Gatineau, Canada	2018-05-02
	Burlington, Canada	2018-05-02
	Saint Catharines, Canada	2018-05-02
	Canada	2018-05-02
	D'Escousse, Canada	2018-05-02
	Saskatoon, Canada	2018-05-02
	Bromont, Canada	2018-05-02
	Regina, Canada	2018-05-02
	Napanee, Canada	2018-05-02
	Tobermory, Canada	2018-05-02
	US	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-02
	Newmarket, Canada	2018-05-02
	Regina, Canada	2018-05-02
	Lasqueti Island, Canada	2018-05-02
	Unionville, ON, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Dover, New Hampshire, US	2018-05-02
	London, Canada	2018-05-02
	Québec City, Canada	2018-05-02
	Caledon, Canada	2018-05-02
	Brazil	2018-05-02
	South Slokan, B. C., Canada	2018-05-02
	Burnaby, Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	Winnipeg, Canada	2018-05-02
	UK	2018-05-02
	Toronto, Canada	2018-05-02
	Etobicoke, Canada	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Canada	2018-05-02
	Waterloo, Canada	2018-05-02
	US	2018-05-02
	New Hamburg, Canada	2018-05-02
	Canada	2018-05-02
	windsor, Canada	2018-05-02
	North York, ON, Canada	2018-05-02
	Canada	2018-05-02
	Walkerton, Canada	2018-05-02

Name	Location	Date
	Burlington, Canada	2018-05-02
	RR3 Salt Springs, NS, Canada	2018-05-02
	US	2018-05-02
	Hamilton, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Oakville, Canada	2018-05-02
	Bloomfield, Canada	2018-05-02
	Maple Ridge, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Chilliwack, Canada	2018-05-02
	peterborough on, Canada	2018-05-02
	Québec, Canada	2018-05-02
	Pickering, Canada	2018-05-02
	Mission, Canada	2018-05-02
	Gibsons, Canada	2018-05-02
	Kitchener, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Cobourg, Canada	2018-05-02
	Grande Prairie, Canada	2018-05-02

Name	Location	Date
	UK	2018-05-02
	Oliver, Canada	2018-05-02
	Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Canada	2018-05-02
	Minesing, Canada	2018-05-02
	Kitchener, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Canada	2018-05-02
	Cochrane, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	UK	2018-05-02
	Canada	2018-05-02
	Conestogo, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	Chatham-Kent, Canada	2018-05-02
	Antigonish, Canada	2018-05-02
	Windsor, Canada	2018-05-02
	Ottawa, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	York, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Bonnington, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	US	2018-05-02
	Stratford, Canada	2018-05-02
	Wiarnton, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	US	2018-05-02
	Cumberland, Canada	2018-05-02
	London. Ont., Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	Winnipeg, Canada	2018-05-02
	London, Canada	2018-05-02
	Little Current, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Halifax, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Waterloo, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Sudbury, Canada	2018-05-02
	North Vancouver, Canada	2018-05-02
	Montreal, Quebec, Canada	2018-05-02
	Pictou, Canada	2018-05-02
	Chelsea, Canada	2018-05-02
	Newmarket, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Fort Saskatchewan, Canada	2018-05-02
	US	2018-05-02
	Mill Bay, Canada	2018-05-02
	Woodstock, Canada	2018-05-02
	Cambridge, Canada	2018-05-02
	Kelowna, Canada	2018-05-02
	Barrie, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Toronto, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Stratford, Canada	2018-05-02
	Outremont, Canada	2018-05-02
	bradford, Canada	2018-05-02
	Thunder Bay, Canada	2018-05-02
	burlington, Canada	2018-05-02
	Newmarket, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Gander, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Prince George, Canada	2018-05-02
	Canada	2018-05-02
	Burlington, Canada	2018-05-02
	Kaslo, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Comox, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Puvwash, Canada	2018-05-02
	Kings Co, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	US	2018-05-02



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Cap-Chat, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Lincoln, Canada	2018-05-02
	Sudbury, Canada	2018-05-02
	Guelph, Canada	2018-05-02
	Canada	2018-05-02
	Lamont, Canada	2018-05-02
	Pickering, Canada	2018-05-02
	Penticton, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	montreal, Canada	2018-05-02
	North Vancouver, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Hagensborg, Canada	2018-05-02
	gatineau, Canada	2018-05-02
	Osoyoos, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Powell River, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Grand Bay-Westfield, Canada	2018-05-02
	Sunnyvale, Canada	2018-05-02
	Deep River, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Sherbrooke, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Whitehorse, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Lake Country, Canada	2018-05-02
	Nanaimo, Canada	2018-05-02
	Markham, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Mississauga, Canada	2018-05-02
	Kelowna, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Burlington, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-02
	US	2018-05-02
	North Vancouver, Canada	2018-05-02
	Halton Hills, Canada	2018-05-02
	Richmond Hill, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Orillia, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Lanark, Canada	2018-05-02
	Woodbridge, Canada	2018-05-02
	Fernie, Canada	2018-05-02
	Lindsay, Canada	2018-05-02
	US	2018-05-02
	Saint-Constant, Canada	2018-05-02
	Windsor, Canada	2018-05-02
	Assiniboia, Canada	2018-05-02
	north vancouver, Canada	2018-05-02
	Whaletown, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Parksville, Canada	2018-05-02
	Toronto, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Niagara-on-the-Lake, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	surrey, Canada	2018-05-02
	Antigonish, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Brampton, Canada	2018-05-02
	North Vancouver, Canada	2018-05-02
	Oshawa, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Edmonton, Canada	2018-05-02
	Wolfville, Canada	2018-05-02
	Richmond, Canada	2018-05-02
	Burnaby, Canada	2018-05-02
	Ottawa, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Fergus, Canada	2018-05-02
	Langley, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Nobleton, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Stratford, Canada	2018-05-02
	Windsor, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	blind bay, Canada	2018-05-02
	Kamloops, Canada	2018-05-02
	Arreton, England, UK	2018-05-02
	US	2018-05-02
	Belleville, Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Mississauga, Canada	2018-05-02
	Calgary, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-02
	Canada	2018-05-02
	Nanaimo, Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	US	2018-05-02
	montreal, Canada	2018-05-02
	Kelowna, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	Westville, Canada	2018-05-02
	Coldstream, Canada	2018-05-02
	Mill bay, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Fossambault, Canada	2018-05-02
	St. Hubert QC, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Edmonton, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Sooke, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Kawartha Lakes, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Waterloo, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Kingston, Canada	2018-05-02
	Nanaimo, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Welland, Canada	2018-05-02
	La Porte, Texas, US	2018-05-02
	US	2018-05-02
	Good Corner, Canada	2018-05-02
	Qualicum Beach, BC, Canada	2018-05-02
	Thessalon, Canada	2018-05-02
	Saltspring Island, Canada	2018-05-02
	Kitchener, Canada	2018-05-02
	Newmarket, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	New Maryland, Canada	2018-05-02
	US	2018-05-02

Name	Location	Date
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Hope, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Ontario, Canada	2018-05-02
	US	2018-05-02
	Regina, Canada	2018-05-02
	Plymouth, UK	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	Vancouver, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Abbotsford, Canada	2018-05-02
	Nanaimo, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Guelph, Canada	2018-05-02



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-02
	Redruth, England, UK	2018-05-02
	Lillooet, Canada	2018-05-02
	Moose Jaw, Canada	2018-05-02
	Canada	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Burnaby, Canada	2018-05-02
	Canada	2018-05-02
	UK	2018-05-02
	Edmonton, Canada	2018-05-02
	Canada	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Ammon, NB, Canada	2018-05-02
	Caledon, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	Calgary, Canada	2018-05-02
	Delta, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Whitehorse, Canada	2018-05-02
	Port Coquitlam, Canada	2018-05-02
	Vernon, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Nepean, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	West Kelowna, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Saskatoon, Canada	2018-05-02
	Lions Bay, Canada	2018-05-02
	Barrie, Canada	2018-05-02
	US	2018-05-02
	Grand Forks, Canada	2018-05-02
	Port Renfrew, Canada	2018-05-02
	Richmond, Canada	2018-05-02
	Sydney, Canada	2018-05-02
	Nanaimo, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Calgary, Canada	2018-05-02

Name	Location	Date
	Garson, Canada	2018-05-02
	London, Canada	2018-05-02
	Waterloo, Canada	2018-05-02
	Coquitlam, Canada	2018-05-02
	Nanaimo District, Canada	2018-05-02
	Verdun, Canada	2018-05-02
	victoria, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Canada	2018-05-02
	Red Deer County, Canada	2018-05-02
	Whitby, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Regina, Canada	2018-05-02
	Cochrane, Canada	2018-05-02
	Waterloo, Canada	2018-05-02
	Kitchener, Canada	2018-05-02
	Calgary, Canada	2018-05-02
	Surrey, Canada	2018-05-02
	US	2018-05-02
	Surrey, Canada	2018-05-02
	Halifax, Canada	2018-05-02
	Richmond, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Welland, Canada	2018-05-02
	moose Jaw, Sask, Canada	2018-05-02
	Elliot Lake, Canada	2018-05-02
	Westlock, Canada	2018-05-02
	Chilliwack, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Pickering, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	Charlottetown, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	UK	2018-05-02
	Toronto, Canada	2018-05-02
	Saskatoon, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Renfrew, Canada	2018-05-02
	US	2018-05-02
	Vancouver, Canada	2018-05-02
	US	2018-05-02
	Calgary, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Vancouver, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	London, Canada	2018-05-02
	TORONTO, Canada	2018-05-02
	Roberts Creek, Canada	2018-05-02
	Brentwood Bay, Canada	2018-05-02
	US	2018-05-02
	Plymouth, England, UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	Nakusp, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-02
	UK	2018-05-02
	Canada	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	Banff, Canada	2018-05-02
	Markham, Canada	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	parksville, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Courtenay, Canada	2018-05-02
	Surrey, Canada	2018-05-02
	Summerland BC, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Penticton, Canada	2018-05-02
	Burnaby, Canada	2018-05-02
	US	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Richmond Hill, Canada	2018-05-02
	US	2018-05-02
	Winnipeg, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Nanaimo, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Glen Haven, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	New Tecumseth, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Chilliwack, Canada	2018-05-02
	Surrey, Canada	2018-05-02
	US	2018-05-02

Name	Location	Date
	Duncan, Canada	2018-05-02
	Vernon, Canada	2018-05-02
	Duncan, BC, Canada	2018-05-02
	Coquitlam, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Vernon, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Surrey, Canada	2018-05-02
	Gatineau, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Bowen Island, Canada	2018-05-02
	Saanichton, Canada	2018-05-02
	Coquitlam, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Orangeville, Canada	2018-05-02
	Cache Creek, Canada	2018-05-02
	Howell, New Jersey, US	2018-05-02
	Laval, Canada	2018-05-02



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hubbards, Canada	2018-05-02
	Cambridge, Canada	2018-05-02
	Whitby, Canada	2018-05-02
	Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	victoria, Canada	2018-05-02
	Regina, Canada	2018-05-02
	North Vancouver, Canada	2018-05-02
	Prince George, Canada	2018-05-02
	North Saanich, Canada	2018-05-02
	UK	2018-05-02
	Shelburne Ontario, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	White Rock, Canada	2018-05-02
	US	2018-05-02
	Victoria, Canada	2018-05-02
	US	2018-05-02
	Maple Ridge, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-02
	Westmount, Canada	2018-05-02
	US	2018-05-02
	US	2018-05-02
	Morinville, Canada	2018-05-02
	Canada	2018-05-02
	Black Creek, Canada	2018-05-02
	Beeton, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	Laval, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Léry, Canada	2018-05-02
	Banff, Canada	2018-05-02
	Berwick, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Desboro, Canada	2018-05-02
	Delta, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Eastend, Canada	2018-05-02
	Gimli, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Acton, Canada	2018-05-02
	Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Bowser, Canada	2018-05-02
	US	2018-05-02
	Thunder Bay, Canada	2018-05-02
	Vaughan, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	Kingsville, Canada	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	Grimsby, Canada	2018-05-02
	Selkirk, Canada	2018-05-02
	US	2018-05-02
	Canada	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	UK	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-02
	Phoenix, Arizona, US	2018-05-02
	UK	2018-05-02
	Toronto, Canada	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	Port McNeill, Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	UK	2018-05-02
	UK	2018-05-02
	Canada	2018-05-02
	Abbotsford, Canada	2018-05-02
	Gilford, Ont., Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Brampton, Canada	2018-05-02
	US	2018-05-02
	Penticton, Canada	2018-05-02
	Whistler, Canada	2018-05-02
	Québec, Canada	2018-05-02
	Denman Island, Canada	2018-05-02
	Aurora, Canada	2018-05-02

Name	Location	Date
	Northumberland County, Canada	2018-05-02
	Arnstein, Canada	2018-05-02
	Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Prévost, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Canada	2018-05-02
	Delta, Canada	2018-05-02
	Niagara Falls, Canada	2018-05-02
	New Glasgow, Canada	2018-05-02
	Uxbridge, Canada	2018-05-02
	Caerphilly, Wales; Cymru, UK	2018-05-02
	Calgary, Canada	2018-05-02
	Beaverton, Oregon, US	2018-05-02
	Nobleton, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Cumbernauld, Scotland, UK	2018-05-02
	medford, Oregon, US	2018-05-02
	New Westminster, Canada	2018-05-02
	Whitby, Canada	2018-05-02
	US	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Penetanguishene, Canada	2018-05-02
	London, Canada	2018-05-02
	Hamilton ON, Canada	2018-05-02
	Dartmouth, Canada	2018-05-02
	Duncan, Canada	2018-05-02
	Roberts Creek, Canada	2018-05-02
	Bradenton, Florida, US	2018-05-02
	Montreal, Canada	2018-05-02
	Guelph, Canada	2018-05-02
	US	2018-05-02
	Toronto, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Thunder Bay, Canada	2018-05-02
	ajax, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Sherwood Park, Canada	2018-05-02
	Val-des-monts, Canada	2018-05-02
	Kentville, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Vancouver, Canada	2018-05-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Coquitlam, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Toronto, Canada	2018-05-02
	US	2018-05-02
	Vancouver, Canada	2018-05-02
	New Westminister, Canada	2018-05-02
	Nanaimo, BC, Canada	2018-05-02
	Warrington, UK	2018-05-02
	Dorval, Canada	2018-05-02
	Greece	2018-05-02
	Thetis Island, Canada	2018-05-02
	Granville, Australia	2018-05-02
	Collingwood, Canada	2018-05-02
	Brackendale, Canada	2018-05-02
	Coquitlam, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	Gabriola, Canada	2018-05-02
	Straffordville, Canada	2018-05-02
	Montréal, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Parksville, Canada	2018-05-02
	North Bay, Canada	2018-05-02

Name	Location	Date
	New Glasgow, Canada	2018-05-02
	US	2018-05-02
	Fredericton, Canada	2018-05-02
	Lafond, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Saint Albert, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	New Westminster, Canada	2018-05-02
	US	2018-05-02
	Vancouver, Canada	2018-05-02
	Vancouver, Canada	2018-05-02
	Sorrento, Canada	2018-05-02
	Ottawa, Canada	2018-05-02
	Edmonton, Canada	2018-05-02
	Kingston, Canada	2018-05-02
	Casselton, Canada	2018-05-02
	Regina, Canada	2018-05-02
	Canada	2018-05-02
	US	2018-05-02
	coquitlam, bc, Canada	2018-05-02
	US	2018-05-02
	Edmonton, Canada	2018-05-02



Name	Location	Date
	UK	2018-05-02
	Victoria, Canada	2018-05-02
	Mission BC, Canada	2018-05-02
	North Vancouver, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	US	2018-05-02
	Angus, Canada	2018-05-02
	UK	2018-05-02
	US	2018-05-02
	Mississauga On, Canada	2018-05-02
	UK	2018-05-02
	Salmon Arm, Canada	2018-05-02
	Richmond, BC, Canada	2018-05-02
	Richmond, Canada	2018-05-02
	US	2018-05-02
	Moncton, Canada	2018-05-02
	Lethbridge, Canada	2018-05-02
	Montreal, Canada	2018-05-02
	Fredericton, Canada	2018-05-02
	Edmonton, AB, Canada	2018-05-02
	Langley, B.C., Canada	2018-05-02
	ottawa, Canada	2018-05-02

Name	Location	Date
	Edmonton, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	Oakville, Canada	2018-05-02
	erin, Canada	2018-05-02
	UK	2018-05-02
	Victoria, Canada	2018-05-02
	Atlanta, Georgia, US	2018-05-02
	Nelson, Canada	2018-05-02
	Winnipeg, Canada	2018-05-02
	Prince George, Canada	2018-05-02
	ColdstreamB.C., Canada	2018-05-02
	Langley, Canada	2018-05-02
	Hamilton, Canada	2018-05-02
	Victoria, Canada	2018-05-02
	Mars ton, Canada	2018-05-02
	US	2018-05-03
	Napanee, Canada	2018-05-03
	Canada	2018-05-03
	Mahone Bay, Canada	2018-05-03
	US	2018-05-03
	Toronto, Canada	2018-05-03
	kamloops, Canada	2018-05-03

Name	Location	Date
	Coquitlam, Canada	2018-05-03
	Dartmouth, Canada	2018-05-03
	Ottawa ON, Canada	2018-05-03
	Calgary, Canada	2018-05-03
	Canada	2018-05-03
	Woodville, Canada	2018-05-03
	port coquitlam, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Guelph, Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Toronto ON, Canada	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	West Lorne, Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03

Name	Location	Date
	Canada	2018-05-03
	US	2018-05-03
	UK	2018-05-03
	Bowen Island, Canada	2018-05-03
	Surrey, Canada	2018-05-03
	London, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Victoria BC, Canada	2018-05-03
	St. John's, Canada	2018-05-03
	Brampton, Canada	2018-05-03
	Tofino, Canada	2018-05-03
	Espanola, Canada	2018-05-03
	London, Canada	2018-05-03
	Saanich, Canada	2018-05-03
	greenfield park, Canada	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	Honolulu, Hawaii, US	2018-05-03
	Port Alberni, Canada	2018-05-03
	Townsville, Australia	2018-05-03
	US	2018-05-03
	Bracebridge, Canada	2018-05-03

Name	Location	Date
	Surrey, Canada	2018-05-03
	Edmonton, Canada	2018-05-03
	Ottawa, Canada	2018-05-03
	Dalmeny, Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	winnipeg, Canada	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	Tatamagouche, Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Langley Township, Canada	2018-05-03
	Salmon Arm, Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Gibsons, Canada	2018-05-03
	US	2018-05-03

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	UK	2018-05-03
	Sechelt, Canada	2018-05-03
	Powll River BC, Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	Hornby Island, B.C., Canada	2018-05-03
	Verdun, Canada	2018-05-03
	Victoria, Canada	2018-05-03
	White Rock, Canada	2018-05-03
	Gabriola Island, Canada	2018-05-03
	US	2018-05-03
	Abbotsford, Canada	2018-05-03
	US	2018-05-03
	Vancouver, Canada	2018-05-03
	Old Barns, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Westmeadows, Australia	2018-05-03
	Toronto, Canada	2018-05-03

Name	Location	Date
	UK	2018-05-03
	Burnaby BC, Canada	2018-05-03
	Winnipeg, Canada	2018-05-03
	US	2018-05-03
	Victoria, Canada	2018-05-03
	Vancouver, Canada	2018-05-03
	Vancouver, Canada	2018-05-03
	Philadelphia, Pennsylvania, US	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Lewisberry, Pennsylvania, US	2018-05-03
	Vancouver, Canada	2018-05-03
	Calgary, Canada	2018-05-03
	Edmonton, Canada	2018-05-03
	UK	2018-05-03
	UK	2018-05-03

Name	Location	Date
	Canada	2018-05-03
	Dundas, On, Canada	2018-05-03
	Truro, Canada	2018-05-03
	North York, Canada	2018-05-03
	US	2018-05-03
	Australia	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	Val-des-Monts, Canada	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	UK	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	Canada	2018-05-03



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Haliburton, Canada	2018-05-03
	Winnipeg, Canada	2018-05-03
	London, Canada	2018-05-03
	Canada	2018-05-03
	Merville, Canada	2018-05-03
	US	2018-05-03
	Calgary, Canada	2018-05-03
	Canada	2018-05-03
	New Glasgow, Canada	2018-05-03
	Springville, Canada	2018-05-03
	US	2018-05-03
	Windsor, Canada	2018-05-03
	Canada	2018-05-03
	Bedford, Canada	2018-05-03
	US	2018-05-03
	Oliver, Canada	2018-05-03
	US	2018-05-03
	Toronto, Canada	2018-05-03
	US	2018-05-03



<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Edmonton, Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	Turkey	2018-05-03
	Nelson, Canada	2018-05-03
	Keremeos, Canada	2018-05-03
	Ottawa, Canada	2018-05-03
	Ottawa, Canada	2018-05-03
	San Clemente, California, US	2018-05-03
	US	2018-05-03
	Montréal, Canada	2018-05-03
	Katy, Texas, US	2018-05-03
	Ottawa, Canada	2018-05-03
	US	2018-05-03

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2018-05-03
	Glen Huron, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Harrow, Canada	2018-05-03
	Gabriola, Canada	2018-05-03
	US	2018-05-03
	Vernon, Canada	2018-05-03
	Houston, Texas, US	2018-05-03
	Canada	2018-05-03
	Houston, Texas, US	2018-05-03
	Sarnia, Canada	2018-05-03
	US	2018-05-03
	Ottawa, Canada	2018-05-03
	Sudbury, Canada	2018-05-03
	Orangeville, Canada	2018-05-03
	US	2018-05-03
	Sault Sainte Marie, Canada	2018-05-03
	West Vancouver, Canada	2018-05-03
	Canada	2018-05-03
	Abbotsford, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Vancouver, Canada	2018-05-03

<b>Name</b>	<b>Location</b>	<b>Date</b>
	North Vancouver, Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	US	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	Canada	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	US	2018-05-03
	Vancouver, Canada	2018-05-03
	Lake Country, Canada	2018-05-03
	Peoria, Arizona, US	2018-05-03
	Calgary, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	US	2018-05-03
	Coquitlam, Canada	2018-05-03
	Canada	2018-05-03

Name	Location	Date
	Delta, Canada	2018-05-03
	Canada	2018-05-03
	River john, Canada	2018-05-03
	Vancouver, Canada	2018-05-03
	Toronto, Canada	2018-05-03
	Canada	2018-05-03
	UK	2018-05-03
	Canada	2018-05-03
	UK	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	Eskasoni, Canada	2018-05-03
	US	2018-05-03
	Beaufort, South Carolina, US	2018-05-03
	Calgary, Canada	2018-05-03
	Canada	2018-05-03
	Ottawa, Canada	2018-05-03
	Markham, Canada	2018-05-03
	Beaufort, South Carolina, US	2018-05-03
	Pictou, Canada	2018-05-03
	Tatamagouche, Canada	2018-05-03
	Canada	2018-05-03

Name	Location	Date
	Selkirk, Canada	2018-05-03
	Dartmouth, Canada	2018-05-03
	Pictou, Canada	2018-05-03
	Cobble Hill BC, Canada	2018-05-03
	UK	2018-05-03
	Canada	2018-05-03
	Calgary, Canada	2018-05-03
	New Glasgow, Canada	2018-05-03
	Pictou, Canada	2018-05-03
	Kitchener, Canada	2018-05-03
	VICTORIA, Canada	2018-05-03
	Richmond Hill, Canada	2018-05-03
	Lloydminster, Canada	2018-05-03
	New Glasgow, Canada	2018-05-03
	New Glasgow, Canada	2018-05-03
	Westville, Canada	2018-05-03
	Canada	2018-05-03
	Dresden, Canada	2018-05-03
	UK	2018-05-03
	US	2018-05-03
	UK	2018-05-03
	Canada	2018-05-03

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-03
	Canada	2018-05-03
	Kingston, Canada	2018-05-03
	Westville, Canada	2018-05-03
	Montréal, Canada	2018-05-04
	Placentia, Canada	2018-05-04
	Derwent, Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Hawkestone, Canada	2018-05-04
	Vancouver, Canada	2018-05-04
	Canada	2018-05-04
	Port Moody, Canada	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	Rose Park, Australia	2018-05-04
	Dollard-Des Ormeaux, Canada	2018-05-04
	Easley, South Carolina, US	2018-05-04
	US	2018-05-04
	Trenton, Canada	2018-05-04
	US	2018-05-04
	Canada	2018-05-04



Name	Location	Date
	US	2018-05-04
	US	2018-05-04
	Ottawa, Canada	2018-05-04
	Calgary, Canada	2018-05-04
	US	2018-05-04
	Fort Saint John, Canada	2018-05-04
	Victor Harbor, Australia	2018-05-04
	Toronto, Canada	2018-05-04
	Toronto, Canada	2018-05-04
	Montreal, Canada	2018-05-04
	Surrey, Canada	2018-05-04
	Canada	2018-05-04
	Galiano Island, Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Adelaide, Australia	2018-05-04
	Edmonton, Canada	2018-05-04
	US	2018-05-04

Name	Location	Date
	Burnaby, Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Prince George, Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Lachine, Quebec, Canada	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Vancouver, Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Black Creek, Canada	2018-05-04
	Birmingham, England, UK	2018-05-04
	UK	2018-05-04

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-04
	Harrow, Canada	2018-05-04
	UK	2018-05-04
	South Africa	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Czech Republic	2018-05-04
	Dartmouth, Canada	2018-05-04
	Baddeck, Canada	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	Wishaw, UK	2018-05-04
	Hamilton, Canada	2018-05-04
	Canada	2018-05-04
	Dartmouth, Canada	2018-05-04
	Souris, Canada	2018-05-04
	Yarmouth County, Canada	2018-05-04

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Halifax, Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	Merlin, Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Ottawa, Canada	2018-05-04
	Canada	2018-05-04
	Oxford, Canada	2018-05-04
	US	2018-05-04
	Red Deer, Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Montreal, Canada	2018-05-04

Name	Location	Date
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Romania	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	Halifax, Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Sutton-in-Ashfield, England, UK	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04

Name	Location	Date
	Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
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	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	Las Vegas, Nevada, US	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	Summerside, Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04

Name	Location	Date
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
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	Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	Mount Pearl, Canada	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Pictou, Canada	2018-05-04
	US	2018-05-04
	Dartmouth, Canada	2018-05-04
	Canada	2018-05-04
	Orillia, Canada	2018-05-04
	Pickering, Canada	2018-05-04
	Debert, Nova Scotia, Canada	2018-05-04
	Canada	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	grande prairie, Canada	2018-05-04
	US	2018-05-04
	Halifax, Canada	2018-05-04



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-04
	Canada	2018-05-04
	Toronto, Canada	2018-05-04
	Rexton, Canada	2018-05-04
	London, Canada	2018-05-04
	Corbyville, Canada	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Markham, Canada	2018-05-04
	mt uniacke, Canada	2018-05-04
	Thunder Bay, Canada	2018-05-04
	US	2018-05-04
	Kentville, Canada	2018-05-04
	US	2018-05-04

Name	Location	Date
	UK	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	Pontllanfraith, Wales; Cymru, UK	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	Abercrombie, Canada	2018-05-04
	Montréal, Canada	2018-05-04
	Edmonton, Canada	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	Sooke, Canada	2018-05-04
	UK	2018-05-04
	Liverpool, England, UK	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Tahlequah, Oklahoma, US	2018-05-04
	UK	2018-05-04

Name	Location	Date
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Port Moody, Canada	2018-05-04
	UK	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Brechin, Canada	2018-05-04
	Campbell River, Canada	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Vancouver, Canada	2018-05-04
	Nova Scotia, Canada	2018-05-04
	Canada	2018-05-04
	montreal, Canada	2018-05-04
	Canada	2018-05-04

Name	Location	Date
	US	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	US	2018-05-04
	US	2018-05-04
	UK	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	Halifax, Canada	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	UK	2018-05-04
	Sidney, Canada	2018-05-04
	UK	2018-05-04
	Edmonton, Canada	2018-05-04
	UK	2018-05-04
	Canada	2018-05-04
	Kitchener, Canada	2018-05-04
	Victoria, Canada	2018-05-04
	Canada	2018-05-04
	Nelson, Canada	2018-05-04
	US	2018-05-04

Name	Location	Date
	UK	2018-05-04
	US	2018-05-04
	Ewshot, England, UK	2018-05-04
	US	2018-05-04
	US	2018-05-04
	Edmonton, Canada	2018-05-04
	Cross Roads Country Harbour, Canada	2018-05-04
	US	2018-05-04
	Canada	2018-05-04
	Qualicum Beach, Canada	2018-05-04
	Canada	2018-05-05
	US	2018-05-05
	Canada	2018-05-05
	Saskatoon, Canada	2018-05-05
	New Glasgow, Canada	2018-05-05
	Canada	2018-05-05
	Westmount, Canada	2018-05-05
	US	2018-05-05
	Canada	2018-05-05
	US	2018-05-05
	US	2018-05-05
	US	2018-05-05





Name	Location	Date
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	UK	2018-05-05
	Canada	2018-05-05
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	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Toronto, Canada	2018-05-05
	Canada	2018-05-05



Name	Location	Date
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
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	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Mulmur, Canada	2018-05-05





Name	Location	Date
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	US	2018-05-05
	Canada	2018-05-05
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	Canada	2018-05-05
	US	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	UK	2018-05-05
	US	2018-05-05

Name	Location	Date
	UK	2018-05-05
	UK	2018-05-05
	UK	2018-05-05
	UK	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Delta, Canada	2018-05-05
	UK	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	US	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-05
	US	2018-05-05



Name	Location	Date
	Digby, Canada	2018-05-05
	Canada	2018-05-05
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Hamilton, Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
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	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06

Name	Location	Date
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	UK	2018-05-06
	Australia	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	UK	2018-05-06
	Lytham Saint Annes, England, UK	2018-05-06
	Canada	2018-05-06
	UK	2018-05-06
	Canada	2018-05-06
	Markham, Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06





Name	Location	Date
	Canada	2018-05-06
	UK	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	UK	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Summerside, Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Victoria, Canada	2018-05-06

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Luton, England, UK	2018-05-06
	Saint-hyacinthe, Canada	2018-05-06
	Canada	2018-05-06
	Salisbury, Maryland, US	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	UK	2018-05-06
	US	2018-05-06
	UK	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	UK	2018-05-06
	US	2018-05-06
	US	2018-05-06
	US	2018-05-06
	Leduc, Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	UK	2018-05-06
	Toronto, Canada	2018-05-06

Name	Location	Date
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Pickering, Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Halifax, Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	UK	2018-05-06
	Canada	2018-05-06
	US	2018-05-06
	Apo, Armed Forces Africa, Canada, Europe, Middle East, US	2018-05-06
	US	2018-05-06
	Canada	2018-05-06
	Port George, Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06
	Canada	2018-05-06

Name	Location	Date
	Westville, Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Dartmouth, Canada	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07

Name	Location	Date
	Canada	2018-05-07
	Canada	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	UK	2018-05-07
	US	2018-05-07
	US	2018-05-07
	UK	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Czech Republic	2018-05-07
	Kitchener, Canada	2018-05-07
	UK	2018-05-07
	UK	2018-05-07
	UK	2018-05-07
	UK	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Halifax, Canada	2018-05-07
	Herring Cove, Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	Canada	2018-05-07
	toronto, Canada	2018-05-07







Name	Location	Date
	US	2018-05-07
	US	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
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	Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
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	Canada	2018-05-07
	UK	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07
	US	2018-05-07
	Coquitlam, Canada	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07

Name	Location	Date
	US	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
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	Canada	2018-05-07
	US	2018-05-07

Name	Location	Date
	US	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	UK	2018-05-07
	US	2018-05-07
	Halifax, Canada	2018-05-07
	US	2018-05-07
	US	2018-05-07
	US	2018-05-07
	US	2018-05-07
	US	2018-05-07
	US	2018-05-07
	St. John's, Canada	2018-05-07
	Halifax, Canada	2018-05-07
	US	2018-05-07
	Canada	2018-05-07
	US	2018-05-07
	UK	2018-05-07
	Colombia	2018-05-07
	US	2018-05-07
	US	2018-05-07
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Cardiff, Wales; Cymru, UK	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08

Name	Location	Date
	York, Canada	2018-05-08
	Central District, Canada	2018-05-08
	US	2018-05-08
	Charlottetown, Canada	2018-05-08
	Morell, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Stratford, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Elizabethville, Pennsylvania, US	2018-05-08
	charlottetown, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Canada	2018-05-08
	Stratford, Canada	2018-05-08
	Belfast, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Cayman Islands	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Charlottetown, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Charlottetown, Canada	2018-05-08
	Stratford, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	Caledon, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Halton Hills, Canada	2018-05-08
	Shefford, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Hammonds Plains, Canada	2018-05-08
	West Lorne, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Ottawa, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Picton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Powell River, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Gatineau, Canada	2018-05-08
	Kitimat, Canada	2018-05-08
	Wiaraton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Stratford, Canada	2018-05-08
	Falmouth, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Toronto, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Pocologan, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Kirkland, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Saint-Norbert-d'Arthabaska, Canada	2018-05-08
	Kirkland, Canada	2018-05-08
	Berwick, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kitchener, Ontario, Canada	2018-05-08
	Swansea, Toronto, Canada	2018-05-08
	Chatham, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Whitby, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hamilton, Canada	2018-05-08
	Fergus, Canada	2018-05-08
	Collingwood, Canada	2018-05-08
	Stoney Creek, Canada	2018-05-08
	Saint-Laurent, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Saint-jean-sur-richelieu, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Sarnia, Canada	2018-05-08
	huntsvilleRdHuntsville, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Sainte-Claire, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	waterloo, Canada	2018-05-08
	ON, Canada	2018-05-08
	Repentigny, Canada	2018-05-08
	Scarborough, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ajax, Canada	2018-05-08
	Stirling, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	toronto, Canada	2018-05-08
	Marlbank, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Aurora, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Oliver, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Grand Manan, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Georgina, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Pierrefonds, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Thorold, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	Innisfil, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	Val-David, Canada	2018-05-08
	Annapolis royal, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	streetsville, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Central District, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Squamish, Canada	2018-05-08
	Athens ON, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Montreal-West, Canada	2018-05-08
	Bridgewater, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Burlington, Canada	2018-05-08
	Saint John, Canada	2018-05-08
	Red Deer, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Grimsby, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Collingwood, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Belfast, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Blenheim, ON, Canada	2018-05-08
	Lake Charlotte, Canada	2018-05-08
	Westmount, Canada	2018-05-08
	Milton, Canada	2018-05-08
	ottawa, Canada	2018-05-08
	Thunder Bay, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	Clarksburg, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, ON, Canada	2018-05-08
	Ompah, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Milton, Canada	2018-05-08
	Belleville, Ontario, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Mont-Saint-Hilaire, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Cobble Hill, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	St. John's, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Uxbridge, Canada	2018-05-08
	Port Hope, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Nackawic, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Courtice ON, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Laval, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	London, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Simcoe, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Brossard, P.Q., Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Gatineau, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Ottawa. ON, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	markham, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	The Blue Mountains, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Mississauga, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Woodbridge, Canada	2018-05-08
	Lake Saint Peter, Canada	2018-05-08
	De Winton, Canada	2018-05-08
	Vaughan, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	Markham, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Milton, Canada	2018-05-08
	London, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Kitchener ON, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Baie d'urfe, Canada	2018-05-08
	Petitcodiac, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08

Name	Location	Date
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Thornhill, Ontario, Canada	2018-05-08
	Vaughan, Canada	2018-05-08
	dunsford, Canada	2018-05-08
	Shawinigan, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Okotoks, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Blenheim ON, Canada	2018-05-08
	Montreal, Canada	2018-05-08

Name	Location	Date
	Montréal, Canada	2018-05-08
	Hinchinbrooke, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Laval, Canada	2018-05-08
	Dorval, Canada	2018-05-08
	Welland, Canada	2018-05-08
	Dollard-des-Ormeaux, QC, Canada	2018-05-08
	Palmerston, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Mallorytown, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	London, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Prescott, Canada	2018-05-08
	Thunder Bay, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Owen Sound, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Inverness, Canada	2018-05-08
	London, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Gatineau, Canada	2018-05-08
	Calmar, Canada	2018-05-08
	Moberly Lake, BC, Canada	2018-05-08
	Kirkland, Canada	2018-05-08
	Vaughan, Canada	2018-05-08
	Hudson, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	North Bay, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	L'Orignal, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	Glance Bay, Canada	2018-05-08
	London, Canada	2018-05-08

Name	Location	Date
	Newmarket, Canada	2018-05-08
	Upper Sackville, Canada	2018-05-08
	Belleville, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Milton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Great Village, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Chatham-Kent, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	MontcTremblant, Canada	2018-05-08
	Orleans, Canada	2018-05-08
	London, Canada	2018-05-08
	Caledon, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Sackville, Canada	2018-05-08
	London, Canada	2018-05-08
	minising on, Canada	2018-05-08
	Cranbrook, Canada	2018-05-08
	Maple, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Winnipeg, Canada	2018-05-08
	London, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	St Thomas, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Saint-Charles-Garnier, Canada	2018-05-08
	Red Deer, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	St-Anaclet, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Ingersoll, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Brampton, Canada	2018-05-08
	Antigonish, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Brighton, Canada	2018-05-08
	Pincourt, Canada	2018-05-08
	Caledon, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	Hillgrove, NB, Canada	2018-05-08
	Norwood, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	ADSTOCK, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Golden Lake, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Stratford, Canada	2018-05-08
	North Bay, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Port Moody, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Wahnapitae, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Sherwood Park, Canada	2018-05-08
	Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	Owen Sound, Canada	2018-05-08
	Canada	2018-05-08
	Regina, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	kitchener, Canada	2018-05-08
	UK	2018-05-08
	Milton, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Alma, Canada	2018-05-08



Name	Location	Date
	Collingwood, Canada	2018-05-08
	THORNHILL, ONTARIO, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Grand Valley, Canada	2018-05-08
	Rimouski, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	North York, Canada	2018-05-08
	Rockwood, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Martensville, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Ingersoll, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	King City, Canada	2018-05-08
	UK	2018-05-08
	Vaughan, Canada	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	HALIFAX, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Winnipeg, MB, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Bracebridge, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Saanichton, Canada	2018-05-08

Name	Location	Date
	Burlington, Canada	2018-05-08
	penticton, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Bolton-Ouest, Canada	2018-05-08
	Moose Jaw, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	UK	2018-05-08
	Hamilton, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	Rosemont, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Brockville, Canada	2018-05-08
	Riverview, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Yellowknife, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Tupper Lake, Canada	2018-05-08
	Aurora, Canada	2018-05-08
	CAlgary, Canada	2018-05-08
	Lumby, Canada	2018-05-08
	East Selkirk, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Burlington, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Okotoks, Canada	2018-05-08
	Bridgewater, Canada	2018-05-08
	London, Canada	2018-05-08
	Brockville, Canada	2018-05-08
	Saint Catharines, Canada	2018-05-08
	Portland, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Etobicoke, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Port Coquitlam, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	montreal, Canada	2018-05-08
	Canada	2018-05-08
	Hamilton, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Winnipeg, Canada	2018-05-08
	Wentworth, Canada	2018-05-08
	Qualicum Beach, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	US	2018-05-08
	woodstock ont, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	North Bay, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Owen Sound, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Grand Forks, Canada	2018-05-08
	US	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	toronto, Canada	2018-05-08
	Midland, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Langton, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Canada	2018-05-08
	La Prairie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	India	2018-05-08
	US	2018-05-08
	Québec City, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Orangeville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08



Name	Location	Date
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Whitefish, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Vaughan, Canada	2018-05-08
	Surrey, B.C., Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	North Bay, Canada	2018-05-08
	US	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Regina, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	elora, Canada	2018-05-08
	US	2018-05-08
	Gabriola, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Timmins, Canada	2018-05-08
	Leduc, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	kamloops, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Québec, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vernon, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Val-des-monts, Canada	2018-05-08
	Sainte-Louise, Canada	2018-05-08
	Midland, Canada	2018-05-08
	Halifax, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Salisbury, North Carolina, US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Moncton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Thorndale, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Brechin, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Niagara Falls, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Red Deer, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Markham, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Waterloo, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	Bowmanville, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	US	2018-05-08
	Lethbridge, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	West Kelowna, Canada	2018-05-08
	Kanata, Ontario, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Perth, Ontario, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Little Current, Canada	2018-05-08
	Salmon Arm, Canada	2018-05-08
	US	2018-05-08
	Saanichon, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Brossard, Canada	2018-05-08
	toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	Lakeside, PEI, Canada	2018-05-08
	Salaberry-de-Valleyfield, Canada	2018-05-08
	Lachine, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Dunnville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Picton, ON, Canada	2018-05-08
	Cornwall. ON, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Sault Ste. Marie, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Ottawa, Ontario, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Bathurst, Canada	2018-05-08
	US	2018-05-08
	Sault Ste. Marie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Ontario, Canada	2018-05-08
	Toronto, Ontario, Canada	2018-05-08
	Dundas, Canada	2018-05-08
	US	2018-05-08
	Red Deer, Canada	2018-05-08
	US	2018-05-08
	Peterborough, Canada	2018-05-08
	Chatham-Kent, Canada	2018-05-08
	US	2018-05-08



Name	Location	Date
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Bolton-Ouest, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kamloops, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Altona, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Westport, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Fernie, Canada	2018-05-08
	Codrington, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Strathmore, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Acton, Canada	2018-05-08
	Regina, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Duncan, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Laval, Canada	2018-05-08
	US	2018-05-08
	Thorold, Canada	2018-05-08
	US	2018-05-08
	Nanoose Bay, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	regina, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08

Name	Location	Date
	Drayton Valley, Canada	2018-05-08
	US	2018-05-08
	New Glasgow, Canada	2018-05-08
	US	2018-05-08
	Arden, Canada	2018-05-08
	Richmond, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Sudbury, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	HAMILTON, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Brampton, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Gatineau, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Moncton, Canada	2018-05-08
	Almonte, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Waterford, Ontario, Canada	2018-05-08
	Gatineau Qc., Canada	2018-05-08
	Willow Beach, Canada	2018-05-08
	Apsley, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Stratford, Canada	2018-05-08
	Hammonds Plains, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Swan Hills, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Torbay, Canada	2018-05-08
	Smiths Falls, Canada	2018-05-08
	brantford, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Barrie, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Grimsby, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Sooke, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saint-Leolin, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Thamesville, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Long Sault, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Gatineau, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	duncan, Canada	2018-05-08
	London, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Vaughan, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Pointe Claire, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Newmarket, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Shawnigan Lake, Canada	2018-05-08
	US	2018-05-08
	Squamish, Canada	2018-05-08



Name	Location	Date
	US	2018-05-08
	Barrie, Canada	2018-05-08
	Tamworth, Canada	2018-05-08
	georgetown, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Ottawa, ontario, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	White City, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	Melita, Canada	2018-05-08
	Baltimore, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Canada	2018-05-08
	Bainsville, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Mississauga, Canada	2018-05-08
	Caledonia, Canada	2018-05-08
	Granum, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Innisfil, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	oak ridges, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Delta, Canada	2018-05-08
	London, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	US	2018-05-08
	Brampton, Canada	2018-05-08
	Toronto, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	gibsons bc, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Saint-Gabriel-de-Valcartier, Canada	2018-05-08
	RIDGEWAY, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Manitouwadge, Canada	2018-05-08
	US	2018-05-08
	Dartmouth, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Rigaud, Qc, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	Calgary, AB, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Sarnia, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Branchton, Ontario, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Whitby, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Georgetown, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	BEDFORD, Canada	2018-05-08
	Uxbridge, Canada	2018-05-08
	London, Canada	2018-05-08
	toronto, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Saint-Lazare, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Grand Falls, Canada	2018-05-08
	Cloyne, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	halifax, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Barrie, Canada	2018-05-08
	Ardrossan, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Dorval, Canada	2018-05-08
	Flesherton, Canada	2018-05-08
	Yellowknife, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Chamcook, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Waterloo, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	victoria, Canada	2018-05-08
	Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Perth, ON, Canada	2018-05-08
	US	2018-05-08
	Kelowna, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Burnaby, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Medicine Hat, Canada	2018-05-08
	Westmount, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	Brechin, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Stellarton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Oakville, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Nobleton, Ontario, Canada	2018-05-08
	Chelsea, Canada	2018-05-08
	US	2018-05-08
	Abbotsford, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Etobicoke, Canada	2018-05-08
	Red Deer, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Milton, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Pierrefonds, Canada	2018-05-08
	Côte Saint-Luc, Canada	2018-05-08
	Toronto, Canada	2018-05-08



Name	Location	Date
	Canada	2018-05-08
	Mattawa, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Sutil rd, Canada	2018-05-08
	Thornhill, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Limoges, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Milton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	North Bay, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Sidney, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	US	2018-05-08
	Westmount, Canada	2018-05-08
	Port Howe Nova Scotia, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	Breslau, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	White Rock, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Blind River, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Gabriola, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Belleville, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Chilliwack, Canada	2018-05-08
	St-Jean-sur-Richelieu, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Tobermory, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	North Bay, Canada	2018-05-08
	US	2018-05-08
	Lacombe, Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Rothesay, Canada	2018-05-08
	Hartington, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Alexandria, Canada	2018-05-08
	Norwood, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Scarborough, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Orangeville, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kitimat, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Shawnigan Lake, Canada	2018-05-08
	North York, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Markham, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Blainville, Québec, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Québec, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-08
	Wentworth-Nord, Quebec, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Elora, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	toronto, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Regina, Canada	2018-05-08
	steinbach, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Victoria BC, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Scarborough, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Port Coquitlam, Canada	2018-05-08
	Prince George, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Southampton, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Shanty Bay, Canada	2018-05-08
	US	2018-05-08
	Val-des-Monts, Canada	2018-05-08
	US	2018-05-08
	Coquitlam, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Bethany, Canada	2018-05-08
	montreal, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Whitney, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Bramton, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Langbank, Canada	2018-05-08
	Ridgeway, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Sechelt, Canada	2018-05-08
	US	2018-05-08
	Woodstock, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Gatineau, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Salmon Arm, Canada	2018-05-08
	Leamington, Canada	2018-05-08
	Blyth, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Whitby, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Tatamagouche, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Westmount, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Sechelt, Canada	2018-05-08
	Dalhousie, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Québec, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-08
	Edmonton, Alberta, Canada	2018-05-08
	Etobicoke, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08
	Bluevale, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Wingham, Canada	2018-05-08
	London, Canada	2018-05-08
	Madison, Wisconsin, US	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	Grimsby, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Longueuil, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Gatineau, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Leamington, Canada	2018-05-08
	hornby island, Canada	2018-05-08
	US	2018-05-08
	Invermere, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	grand bend on, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Musquodoboit Harbour, Canada	2018-05-08
	Bridgewater, Canada	2018-05-08
	US	2018-05-08
	Pointe-Claire, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Woodland beach Township of Tiny, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Richmond Hill, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hubley, Canada	2018-05-08
	US	2018-05-08
	North Bay, Canada	2018-05-08
	US	2018-05-08
	Maple Ridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Québec, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	US	2018-05-08
	La Pocatiere, Canada	2018-05-08
	Belleville, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Brossard, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Okotoks, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Olds, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Penhold, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	niagara on the lake, Canada	2018-05-08
	Dorval, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Peachland, Canada	2018-05-08
	Kimberley, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Markham, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kelowna, Canada	2018-05-08
	manotick, Canada	2018-05-08
	Georges River, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Burlington, Canada	2018-05-08
	London, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08
	Stratford, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Port Sydney, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Lincoln, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Brandon, Canada	2018-05-08
	US	2018-05-08
	Waverley, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ste. Anne, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	OTTAWA, Canada	2018-05-08
	US	2018-05-08
	Whitby, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Westport, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Powell River, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Aylesford, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	ancaster, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	Brighton, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Ariss, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	US	2018-05-08
	Stratford, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	London, Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Hammonds Plains, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Strathroy, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Sundre, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Niagara Falls, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Westmount, Canada	2018-05-08
	Pender Island, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	lac du cerf quebec j0w 1s0, Canada	2018-05-08

Name	Location	Date
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Mount Stewart, Canada	2018-05-08
	US	2018-05-08
	Perth, Canada	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Rose Bay, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Lyn, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	ottawa, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Terence Bay, Canada	2018-05-08
	Hudson, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Gabriola, Canada	2018-05-08
	Canmore, Canada	2018-05-08
	US	2018-05-08
	Montreal-West, Canada	2018-05-08
	US	2018-05-08
	Cowansville, Canada	2018-05-08
	Thunder Bay, Canada	2018-05-08
	US	2018-05-08
	Saint Thomas, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	Moose Jaw, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Lytton, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Westholme, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	Markham, Canada	2018-05-08
	Strathroy Ontario, Canada	2018-05-08
	Quebec, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Langley, Canada	2018-05-08
	Pointe-Claire, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Kitchener, Ontario, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Côte Saint-Luc, Canada	2018-05-08
	US	2018-05-08
	Cobourg, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	Coquitlam, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Huntsville, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	US	2018-05-08
	Kawartha Lakes, Canada	2018-05-08
	US	2018-05-08
	Hannon, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Fort Erie, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Winnipeg, Canada	2018-05-08
	Calabogie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Penticton, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Langley, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Lefebvre, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mission, Canada	2018-05-08
	Port Alberni, Canada	2018-05-08
	Saint-Denis-de-Brompton, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Saint Marys, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Kingston, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Oro Station, Canada	2018-05-08
	US	2018-05-08
	Cambridge, Canada	2018-05-08
	Penticton, Canada	2018-05-08
	US	2018-05-08
	Gatineau, Canada	2018-05-08
	Laval, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Dundas, Canada	2018-05-08
	US	2018-05-08
	vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2018-05-08
	Lindsay, Canada	2018-05-08
	New Minas, Canada	2018-05-08
	US	2018-05-08
	waterloo, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Fredericton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Gabriola, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Edson, Canada	2018-05-08
	Petrolia, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Cold Lake, Canada	2018-05-08
	US	2018-05-08
	Salt Spring, Canada	2018-05-08
	Brooks, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Fergus, Canada	2018-05-08
	Vavenby, Canada	2018-05-08
	Bridgetown, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Timmins, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Fort McMurray, AB, Canada	2018-05-08
	Pickering, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Cochrane, Alberta, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Burnaby, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Upper Rawdon, Canada	2018-05-08
	Langley, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Millarville, Alberta, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Stony Plain, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Courtenay, Canada	2018-05-08
	New Glasgow, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Aylsham, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Moncton, Canada	2018-05-08
	Smiths Falls, Canada	2018-05-08
	Victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Ontario, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Leduc County, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Nelson B. C., Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Longueuil, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Hamilton, Canada	2018-05-08

Name	Location	Date
	Summerstown, Canada	2018-05-08
	US	2018-05-08
	Penhold, Canada	2018-05-08
	US	2018-05-08
	Kelowna, BC, Canada	2018-05-08
	Lincoln, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Devon, Canada	2018-05-08
	bc, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Prince George, Canada	2018-05-08
	US	2018-05-08
	Cheltenham, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Laval, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Châteauguay, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Kuujuuaq, Canada	2018-05-08
	Chelsea, QC, Canada	2018-05-08
	London, Canada	2018-05-08
	Burnaby BC, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Gibsons, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Stettler, Canada	2018-05-08
	Red Deer, Canada	2018-05-08
	Vancouver, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Côte Saint-Luc, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Queen Creek, Arizona, US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Bentley, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Peterborough, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Apple Hill, Ontario, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Paris, Canada	2018-05-08
	Revelstoke, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	rr1 westville, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Saltspring Island, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	North Saanich, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	150 Mile House, Canada	2018-05-08
	Mt. Albert, Canada	2018-05-08
	Laval, Canada	2018-05-08
	US	2018-05-08
	Markham, Canada	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Brockville, Canada	2018-05-08
	Richmond, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Terence Bay, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Kemptville, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Abbotsford, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Rodney, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Parksville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Owen Sound, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	Marbleton, Quebec, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Alberta, Canada	2018-05-08
	US	2018-05-08
	Selkirk, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Pointe-Claire, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	toronot, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Regina, Canada	2018-05-08

Name	Location	Date
	Sooke, Canada	2018-05-08
	US	2018-05-08
	Nanaimo, Canada	2018-05-08
	Sidney, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Dawson, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	stoney creek, Canada	2018-05-08
	Mission, Canada	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	Vancouver, B.C., Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Elora, Canada	2018-05-08
	OSHAWA, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	Windsor Ontario, Canada	2018-05-08
	Manotick, Canada	2018-05-08
	Verdun, Canada	2018-05-08
	Herbert, Canada	2018-05-08
	Collingwood, Canada	2018-05-08
	US	2018-05-08
	Belleville, Canada	2018-05-08
	US	2018-05-08
	Truro, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Pointe-Claire, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Stony Plain, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Alert Bay, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	UK	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	hornby isle, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Erin, Canada	2018-05-08
	Stratford, ON, Canada	2018-05-08
	Sherwood Park, Canada	2018-05-08
	US	2018-05-08
	Ladysmith, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	conestoga, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Canmore, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Sundre, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Calgary, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-08
	Terrace, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Mission, Canada	2018-05-08
	Canada	2018-05-08
	Saint-Basile-le-Grand, Canada	2018-05-08
	Sarnia, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Prince Edward, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	ham, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Freelton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	L'Isle-Verte, Québec, Canada	2018-05-08
	Tatamagouche, N.S., Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Toronto, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Herring Neck, Canada	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Debert, Canada	2018-05-08
	Port Carling, Canada	2018-05-08
	US	2018-05-08
	chalk river, Canada	2018-05-08
	Fanny Bay, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Rockwood, Canada	2018-05-08
	US	2018-05-08
	ETOBICOKE, Canada	2018-05-08
	Whitehorse, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	McDonalds Corners, Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	Carvel, Canada	2018-05-08
	Markham, Canada	2018-05-08
	US	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Collingwood, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	UK	2018-05-08
	Wasaga Beach, Canada	2018-05-08
	Baie-D'Urfe, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Whitby, Canada	2018-05-08
	Cochrane, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Sechelt, Canada	2018-05-08
	Pickering, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Grand Marais, Canada	2018-05-08
	Canmore, Canada	2018-05-08
	Sudbury, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Dauphin, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Windsor, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	victoria, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Campbell River, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Dartmouth, Canada	2018-05-08
	Saint Lazare, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Valemount, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Netherlands	2018-05-08

Name	Location	Date
	Red Deer, Canada	2018-05-08
	US	2018-05-08
	Laterrière, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Thornhill, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Sudbury, Canada	2018-05-08
	US	2018-05-08
	Maple Ridge, Canada	2018-05-08
	Vancouver, BC, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Bobcaygeon, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Smarden, England, UK	2018-05-08
	Saskatoon, Canada	2018-05-08
	Meteghan River, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Gatineau, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Swift Current, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Gibsons, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Kettleby, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Whitby, Canada	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Medicine Hat, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Calgary, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Stouffville, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Medicine Hat, Canada	2018-05-08
	Delta, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Quebec, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Mabou, Canada	2018-05-08
	London, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Saskatoon, SK, Canada	2018-05-08
	Nelson, Canada	2018-05-08
	US	2018-05-08
	Chilliwack, Canada	2018-05-08
	US	2018-05-08
	Port Alberni, Canada	2018-05-08
	US	2018-05-08
	Surrey, B C, Canada	2018-05-08
	Merville, Canada	2018-05-08
	Elk Point, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Thunder Bay, Canada	2018-05-08
	Winnipeg, MB, Canada	2018-05-08
	Mission, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	toronto, Canada	2018-05-08
	Amherst, Massachusetts, US	2018-05-08
	Kemptville, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Uxbridge, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	London, Canada	2018-05-08
	Caledon, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Quadra Island, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Whitehorse, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	williams lake, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	West Kelowna, Canada	2018-05-08
	US	2018-05-08
	Magog, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Magog, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	US	2018-05-08
	Strathmore, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Owen Sound, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Blind River, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Gabriola, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Cobourg, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	Lakefield, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Regina, Canada	2018-05-08
	St. John's, Canada	2018-05-08
	Spruce Grove, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Fergus, Ontario, Canada	2018-05-08
	US	2018-05-08
	Knowlton, Canada	2018-05-08
	Fredericton New Brunswick, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	edmonton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Port Moody, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Nanaimo, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	Vaughan, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Summerland, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Revelstoke, Canada	2018-05-08
	Roberts Creek BC, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Grindrod, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Mayne Island, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Red Deer, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Smiths Falls, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	UK	2018-05-08
	Ottawa, Canada	2018-05-08
	Wawanesa, Canada	2018-05-08
	US	2018-05-08
	Saint-Lambert, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Courtenay, Canada	2018-05-08
	Holland Landing, Canada	2018-05-08
	Richmond Hill, Ontario, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	Smithers, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Canada	2018-05-08
	Chester, Canada	2018-05-08
	US	2018-05-08
	Hamilton, Canada	2018-05-08
	Woodstock, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Church Point, Canada	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	Duncan, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	Powell River, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Winlaw, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Salmon Arm, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Burnaby, Canada	2018-05-08
	Regina, Sask, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	UK	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Matlock, Canada	2018-05-08
	London, Canada	2018-05-08
	Nr. Vancouver, Canada	2018-05-08
	US	2018-05-08
	Baldonnel, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Lillooet, B.C., Canada	2018-05-08
	Canning, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Sylvan Lake, Canada	2018-05-08



Name	Location	Date
	Kelowna, Canada	2018-05-08
	US	2018-05-08
	Janetville, Canada	2018-05-08
	Sackville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Madoc, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Stratford, Canada	2018-05-08
	US	2018-05-08
	Quathiaski Cove, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2018-05-08
	BC, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	New Hazelton, Canada	2018-05-08
	US	2018-05-08
	Sudbury, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Elmira, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Parksville, Canada	2018-05-08
	Gabriola, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Mission, Canada	2018-05-08
	Gibsons, Canada	2018-05-08
	US	2018-05-08
	Orleans, Canada	2018-05-08
	Ottawa, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Delta, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	Brockville, Canada	2018-05-08
	Canada	2018-05-08
	Victoria, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	north van, Canada	2018-05-08
	ladysmith bc, Canada	2018-05-08
	US	2018-05-08
	edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08

Name	Location	Date
	Ottawa, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Vanderhoof, Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	Etobicoke, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Millarville, Canada	2018-05-08
	Tecumseh, Canada	2018-05-08
	North Vancouver BC, Canada	2018-05-08
	Toronto, Ontario, Canada	2018-05-08
	Trenton, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Montreal, Canada	2018-05-08

Name	Location	Date
	Saskatoon, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Magog, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Shawnigan Lake, Canada	2018-05-08
	Aurora, Canada	2018-05-08
	Seaforth, Canada	2018-05-08
	US	2018-05-08
	Aupaluk, Canada	2018-05-08
	Gatineau (Québec), Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Rossland, Canada	2018-05-08
	Oakville, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Swan Hills, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Three Hills, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	burlington, Canada	2018-05-08
	Thetis Island, Canada	2018-05-08
	Boutilliers point, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Vernon, Canada	2018-05-08
	London, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Saltspring Island, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Medicine Hat, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Port Perry, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Whitchurch-Stouffville, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	West Vancouver, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Langley, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Medicine hat, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Powell River, Canada	2018-05-08
	US	2018-05-08
	oakville, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hatley, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	North Augusta, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	London, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Hudson Heights, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	Cantley, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Saint Thomas, Canada	2018-05-08
	Sidney, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	US	2018-05-08
	Penticton, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08
	US	2018-05-08
	Horsefly, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Marmora, Canada	2018-05-08
	US	2018-05-08
	Calgary Ab, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	melancthon, Canada	2018-05-08
	Sidney, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Blackstock, Canada	2018-05-08
	Surrey, BC, Canada	2018-05-08
	River Denys, Canada	2018-05-08
	Sarnia, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	Rosebud, Canada	2018-05-08
	Saint-Jean-Sur-Richelieu, Canada	2018-05-08
	North Saanich, BC, Canada	2018-05-08
	Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	NVan, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Picton, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-08
	Hazelton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Capreol, Canada	2018-05-08
	Knutsford, Canada	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Kirkfield, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Windsor ON, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Sarasota, Florida, US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Richmond, Canada	2018-05-08
	North Saanich, BC, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Nanticoke, Canada	2018-05-08
	Moose Jaw, Canada	2018-05-08
	Halfmoon Bay, Canada	2018-05-08
	Port Dover, Canada	2018-05-08
	US	2018-05-08
	Dawson Creek, Canada	2018-05-08
	Carleton Place, Canada	2018-05-08
	US	2018-05-08
	Parksville, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Magog, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Salt Spring Island, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-08
	St. Albert, A, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Delta, Canada	2018-05-08
	Cantley, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Dartmouth, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Crofton, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Wheatley, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Brock, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Palm Desert, California, US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vernon, Canada	2018-05-08
	Sault Ste Marie, Canada	2018-05-08
	US	2018-05-08
	Kelowna, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Saanichton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Surrey, BC, Canada, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Acton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Trail, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Terra Cotta, Canada	2018-05-08
	Salmon Arm, Canada	2018-05-08
	US	2018-05-08
	Kettleby, Canada	2018-05-08
	Squamish, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Saanichton, Canada	2018-05-08
	RobertsCreek BC, Canada	2018-05-08
	Shelburne, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Laval, Canada	2018-05-08
	US	2018-05-08
	Lindsay, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto Ontario, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Ladysmith, Canada	2018-05-08
	Fredericton N.B., Canada	2018-05-08
	US	2018-05-08
	North York, Canada	2018-05-08
	Salt Spring Island, B.C., Canada	2018-05-08
	Markham, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Vernon, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	Red Deer, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Memramcook, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hawkestone, Ontario, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Hinton, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	Pickering, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Regina, Canada	2018-05-08
	Kinmount, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Penetanguishene, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Delta, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Richmond, Canada	2018-05-08
	Clarence-Rockland, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	Penticton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Powell River, Canada	2018-05-08
	Rosthern, Canada	2018-05-08
	Sidney, Canada	2018-05-08
	Whistler, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Welland, Canada	2018-05-08
	Strathroy, Canada	2018-05-08
	Langley, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	Duncan, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Collingwood, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Laval, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Highland Grove, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Winnipeg, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	London, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Morden, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	port severn, Canada	2018-05-08
	Saint-Laurent, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Markham, Canada	2018-05-08
	Saint-Colomban, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Meaford, Canada	2018-05-08
	US	2018-05-08
	Maple Ridge, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Pictou, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Summerland, Canada	2018-05-08
	belleville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	Pointe-Claire, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Ottawa, Canada	2018-05-08

Name	Location	Date
	UK	2018-05-08
	Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Alfred, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Yarker, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Middle Sackville, Canada	2018-05-08
	scotsburn nova scotia, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Invermere, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	QUEBEC CITY, Canada	2018-05-08
	US	2018-05-08
	Powell River, Canada	2018-05-08
	US	2018-05-08
	Woodbridge, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Regina, Canada	2018-05-08
	US	2018-05-08
	kamloops, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Smithville, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Brantford, Canada	2018-05-08
	US	2018-05-08
	Markham, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Lasqueti, Canada	2018-05-08
	Qualicum Beach, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Peterborough, Canada	2018-05-08
	Hamilton, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Leduc, Alberta, Canada	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	Duncan, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	Mission, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Brandon, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Bruce Mines, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kamloops, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Flin flon, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Markham, Canada	2018-05-08
	Delta, Canada	2018-05-08
	US	2018-05-08
	Lorette, MB, Canada	2018-05-08
	Sydney, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Penetanguishene, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	London, Canada	2018-05-08
	Langley, Canada	2018-05-08
	US	2018-05-08
	Nelson, Canada	2018-05-08
	Dorval, Qc, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	London, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vegreville, Canada	2018-05-08
	US	2018-05-08
	Valleyview, Canada	2018-05-08
	Wasaga Beach, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Victoria, BC, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Kendal, England, UK	2018-05-08
	Toronto, Canada	2018-05-08
	Athabasca, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Hanover, Canada	2018-05-08
	North Saanich, Canada	2018-05-08
	Niagara Falls, Canada	2018-05-08
	UK	2018-05-08
	Abbotsford, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ohaton, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Cumberland, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Bowen Island, Canada	2018-05-08
	US	2018-05-08
	victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Gibsons, Canada	2018-05-08
	US	2018-05-08
	Hudson, Canada	2018-05-08
	Antigonish, Canada	2018-05-08
	Cowan,MB, Canada	2018-05-08
	Edmonton Alberta, Canada	2018-05-08
	US	2018-05-08
	Courtice, Canada	2018-05-08
	Longueuil, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Courtenay, Canada	2018-05-08
	Paradise, Canada	2018-05-08
	regina, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	Salt Spring Island, BC, Canada	2018-05-08
	US	2018-05-08
	Whistler, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	North Battleford, Canada	2018-05-08
	Dunrobin, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	Uxbridge, Canada	2018-05-08
	Hanna, Canada	2018-05-08
	US	2018-05-08
	Verdun, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Brampton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	North Saanich, Canada	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Hamilton, Ont, Canada	2018-05-08
	Qualicum Beach, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Kitchener, ON, Canada	2018-05-08
	calgary, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Saint John, Canada	2018-05-08
	US	2018-05-08
	Stratford, Canada	2018-05-08
	Airdrie, Canada	2018-05-08
	US	2018-05-08
	Laval, Canada	2018-05-08

Name	Location	Date
	Kelowna, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Canmore, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Regina, Canada	2018-05-08
	US	2018-05-08
	SSI, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Dunstaffnage, PEI, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Medicine Hat, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Grande Prairie, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Saint-Georges, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Estevan, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Luxembourg, Luxembourg	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Rimbey, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	Canmore, Canada	2018-05-08
	US	2018-05-08
	Chilliwack, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	toronto, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	Appin, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Gabriola, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	White Rock, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Richmond, Canada	2018-05-08
	Orillia, Canada	2018-05-08
	Pakenham ON, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Sidney, Canada	2018-05-08
	Rothesay, Canada	2018-05-08
	US	2018-05-08
	TORONTO, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Stouffville, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	US	2018-05-08
	Coquitlam, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Langley, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Scarborough, Canada	2018-05-08
	Campbell River, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Williams Lake, Canada	2018-05-08
	Kelvington, Canada	2018-05-08
	Magog, Canada	2018-05-08
	US	2018-05-08
	toronto, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Conception Bay South, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Port Moody, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	Ontario, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Chauvin, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Woodbridge, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Markham, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Saint-Philippe, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Burlington, Canada	2018-05-08

Name	Location	Date
	Laval, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Canada	2018-05-08
	havelock, Canada	2018-05-08
	US	2018-05-08
	Stratford, Canada	2018-05-08
	Parksville, Canada	2018-05-08
	North West River NL, Canada	2018-05-08
	Nanoose Bay, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kahnawake, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Saint Marys, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Peterborough, Canada	2018-05-08
	Calgary, Canada	2018-05-08



Name	Location	Date
	New Denver, Canada	2018-05-08
	Whitchurch-Stouffville, Canada	2018-05-08
	Parksville, Canada	2018-05-08
	US	2018-05-08
	Acton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Richmond, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Ladysmith, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Hamilton, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	Vancouver, Canada	2018-05-08
	Belle River, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	montreal, Canada	2018-05-08
	Qualicum Beach, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Victoria, B.C., Canada	2018-05-08
	Saanichton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Richmond, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Tilbury, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	US	2018-05-08
	guelph, Canada	2018-05-08
	US	2018-05-08
	Chilliwack, Canada	2018-05-08
	Sherwood Park, Canada	2018-05-08
	Vaudreuil-Dorion, Canada	2018-05-08
	Laval, Canada	2018-05-08
	Grande Prairie, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08

Name	Location	Date
	Whitchurch-Stouffville, Canada	2018-05-08
	Thunder Bay, Canada	2018-05-08
	Squamish, Canada	2018-05-08
	US	2018-05-08
	Kelowna, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Châteauguay, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Canada	2018-05-08
	Prince George, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08

Name	Location	Date
	Sooke, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	Beverly Hills, California, US	2018-05-08
	Edmonton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton AB, Canada	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Revelstoke, Canada	2018-05-08
	Foothills, Canada	2018-05-08
	Salt spring island, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	Moncton, Canada	2018-05-08

Name	Location	Date
	Nanaimo, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Carnarvon, Canada	2018-05-08
	White Rock, BC, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	West Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	St. Albert, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Surrey, Canada	2018-05-08
	Lloydminster, Canada	2018-05-08
	Campbellford, Canada	2018-05-08
	US	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Napanee, Canada	2018-05-08
	Burnaby, B.C., Canada	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	Brigden, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Warkworth, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Oshawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	US	2018-05-08
	Prince George, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Fredericton, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Rockwood, Canada	2018-05-08
	Sooke, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Campbell River, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Sackville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Campbell River, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Québec City, Canada	2018-05-08
	Pointe Claire, Canada	2018-05-08
	Edmonton, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Amherst, NS, Canada	2018-05-08
	Canada	2018-05-08
	Lac La Biche, Canada	2018-05-08
	Tofino, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	priddis, Canada	2018-05-08
	Langley, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Trochu, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Bowmanville, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-08
	Bass River, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Meaford, Canada	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Nelson, Canada	2018-05-08
	US	2018-05-08
	Aurora, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Malahat, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	US	2018-05-08
	Hubley, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Whitby, Canada	2018-05-08
	US	2018-05-08
	Humboldt, Canada	2018-05-08
	Comox, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Torrance, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Spruce Home, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Haisla, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Niagara-on-the-Lake, Canada	2018-05-08
	Port Hope, Canada	2018-05-08
	Prince Rupert, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Salt Springs, Canada	2018-05-08
	New Glasgow, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Nelson, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08
	King City, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Calgary, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Cochrane, Canada	2018-05-08
	Gatineau, Canada	2018-05-08
	US	2018-05-08
	Oliver BC, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	outremont, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Dunnville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	New Westminster, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Scarborough, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Duncan, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Regina, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Saint Catharines, Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	walkerton, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Charlottetown, PEI, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Port Alberni, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Williams Lake, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Castor, Canada	2018-05-08
	Lunenburg, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Markham, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	Brentwood Bay, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Czech Republic	2018-05-08
	US	2018-05-08
	Bloomfield, Canada	2018-05-08
	Sidney, B.C., Canada	2018-05-08
	Deep River, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Galiano Island, Canada	2018-05-08
	US	2018-05-08
	Sherwood Park, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	New Westminister, Canada	2018-05-08
	Vancouver, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Carleton Place, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax,Nova Scotia, Canada	2018-05-08
	Prince George, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kamloops, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	brownsville, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Sturgeon County, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Sherwood Park, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	pemberton, Canada	2018-05-08
	Welland, Canada	2018-05-08
	Williams Lake, Canada	2018-05-08
	US	2018-05-08
	Arden, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Wood Buffalo, Canada	2018-05-08
	Saint John, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Errington, Canada	2018-05-08
	Terrace, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Saint-Jean-sur-Richelieu, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Rimouski, Canada	2018-05-08
	US	2018-05-08
	Napanee, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Grindrod, Canada	2018-05-08
	US	2018-05-08
	Cowichan Bay, Canada	2018-05-08
	Campbell river, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Springfield, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	US	2018-05-08
	Smithers, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Chase, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Québec, Canada	2018-05-08
	Medicine Hat, Canada	2018-05-08
	London, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	victoria, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	Whitby, Canada	2018-05-08
	Ladysmith, B.C., Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Delta, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Del Mar, California, US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	St. John's, Canada	2018-05-08
	New Westminster, BC, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	US	2018-05-08
	Mono, Canada	2018-05-08
	US	2018-05-08
	Victoria, B.C., Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Oliver, BC, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Port Alberni, Canada	2018-05-08
	Port Coquitlam, Canada	2018-05-08
	Bathurst, Canada	2018-05-08
	Port Blandford, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Longueuil, Canada	2018-05-08
	Sarnia, Canada	2018-05-08
	Gibsons, Canada	2018-05-08
	Port Moody, Canada	2018-05-08
	Chesley, Canada	2018-05-08
	Port Alberni, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Duncan, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Delta, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Richmond, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Copenhagen, Denmark	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Roberts Creek, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-08
	London, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Kanata, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Stettler, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Nanoose Bay, Canada	2018-05-08
	Sherwood Park, Canada	2018-05-08
	US	2018-05-08
	Richmond, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Breslau, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Collingwood, Canada	2018-05-08
	Okotoks, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Fergus, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Duncan, Canada	2018-05-08
	Longueuil, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Shelburne N. S., Canada	2018-05-08
	Oliver, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	US	2018-05-08
	Caledon, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Castlegar, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Montague, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	parksville, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Mahone Bay, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Scarborough, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Vancouver BC, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	East Gore, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Saint Thomas, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Delta, Canada	2018-05-08
	Amherst, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Victoria, Canada	2018-05-08

Name	Location	Date
	Gabriola Island BC, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Nanoose Bay, Canada	2018-05-08
	King City, Ontario, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Sechelt, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Brookside, Canada	2018-05-08
	Moncton, Canada	2018-05-08
	Niagara-on-the-Lake, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Regina, Canada	2018-05-08

Name	Location	Date
	arkham, Canada	2018-05-08
	udbury, Canada	2018-05-08
	alifax, Canada	2018-05-08
	. Catharines, Canada	2018-05-08
	oronto, Ontario, Canada	2018-05-08
	oronto, Canada	2018-05-08
	oncton, Canada	2018-05-08
	S	2018-05-08
	oronto, Canada	2018-05-08
	hunder Bay, Canada	2018-05-08
	S	2018-05-08
	anaimo, Canada	2018-05-08
	atineau, Canada	2018-05-08
	ttawa, Canada	2018-05-08
	S	2018-05-08
	elowna, Canada	2018-05-08
	S	2018-05-08
	S	2018-05-08
	oronto, Canada	2018-05-08
	S	2018-05-08
	ttawa, Canada	2018-05-08
	almon Arm, BC, Canada	2018-05-08

Name	Location	Date
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Ladysmith, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Medicine Hat Alberta, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Burnaby, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	North vancouver, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	St. John's, Canada	2018-05-08
	St. Catharines, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Gabriola, Canada	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Prince Rupert, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Osoyoos, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	US	2018-05-08
	North York, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	salt spring island, Canada	2018-05-08

Name	Location	Date
	Hamilton, Canada	2018-05-08
	Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Woodbridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saint Catharines, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Cranbrook, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Timberlea, Canada	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hamilton, Canada	2018-05-08
	Delta, Canada	2018-05-08
	Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Amherst, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Georgetown, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Canmore, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Kamloops, Canada	2018-05-08
	Orangeville, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Gatineau, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08

Name	Location	Date
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	Toronto On, Canada	2018-05-08
	Ponoka, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Niagara-on-the-Lake, Canada	2018-05-08
	US	2018-05-08
	Alliston, Canada	2018-05-08
	US	2018-05-08
	Pitt Meadows, Canada	2018-05-08
	Hamilton..ON, Canada	2018-05-08
	Heriot Bay, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	victoria, Canada	2018-05-08
	Hornby Island, BC, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Saint Thomas, Canada	2018-05-08
	Georgina, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Westport, Canada	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Whitecourt, Canada	2018-05-08
	US	2018-05-08
	Langley, Canada	2018-05-08

Name	Location	Date
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Dollard-Des Ormeaux, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Pakenham, Canada	2018-05-08
	UK	2018-05-08
	Dieppe, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	UK	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Nanaimo, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	Cambridge, Canada	2018-05-08
	Cobourg, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	North Rustico, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Galiano Island, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Prince George, Canada	2018-05-08
	New Glasgow, Canada	2018-05-08
	Courtenay, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Brighton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Cochrane, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Keewatin, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Bridge Lake, Canada	2018-05-08
	PEI, Canada	2018-05-08
	Tweed, ON, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Port Perry, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Gibsons, Canada	2018-05-08
	Vernon, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Sooke, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Nelson, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Salisbury, Canada	2018-05-08
	US	2018-05-08
	Sutton, Canada	2018-05-08
	US	2018-05-08
	Georgetown, Canada	2018-05-08
	US	2018-05-08
	Alliston, Canada	2018-05-08
	Niagara-on-the-Lake, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Fredericton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	US	2018-05-08
	North vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Port Alice, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	toronto, Canada	2018-05-08
	St. Albert, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Hastings, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Mesachie Lake, BC, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Peachland, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Windsor, Canada	2018-05-08
	UK	2018-05-08
	Burlington, Canada	2018-05-08
	Merville, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Oakbankmb, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Delta, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Thornhill, Canada	2018-05-08
	Sawyerville, QC, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	Oshawa, Canada	2018-05-08
	Peterborough, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Delhi, Canada	2018-05-08
	US	2018-05-08
	Okotoks, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	Chemainus, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Gatineau, Canada	2018-05-08
	US	2018-05-08
	Petawawa, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	North Saanich, Canada	2018-05-08

Name	Location	Date
	urnaby, Canada	2018-05-08
	ontréal, Canada	2018-05-08
	S	2018-05-08
	a Salle, Canada	2018-05-08
	atamagouche, Canada	2018-05-08
	racebridge, Canada	2018-05-08
	agensborg, Canada	2018-05-08
	oronto, Canada	2018-05-08
	ancouver, Canada	2018-05-08
	oronto, Canada	2018-05-08
	S	2018-05-08
	almon Arm, BC, Canada	2018-05-08
	kanagan Falls, Canada	2018-05-08
	awson, Canada	2018-05-08
	S	2018-05-08
	oronto, Canada	2018-05-08
	ttawa, Canada	2018-05-08
	S	2018-05-08
	algary, AB, Canada	2018-05-08
	alifax, Canada	2018-05-08
	lilot Lake, Canada	2018-05-08
	S	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Prince George, Canada	2018-05-08
	Tsawwassen, Canada	2018-05-08
	70 Mile House, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Duncan, Canada	2018-05-08
	White Rock, Canada	2018-05-08
	st-eustache, Canada	2018-05-08
	US	2018-05-08
	Kelowna, B.C., Canada	2018-05-08
	Stratford, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Caledon, Canada	2018-05-08
	Terrace, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Surrey, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Duncan, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	100 Mile House, Canada	2018-05-08
	Déléage, Canada	2018-05-08
	Pickering, Canada	2018-05-08
	US	2018-05-08
	Hamilton, Canada	2018-05-08
	Whitby, Canada	2018-05-08
	US	2018-05-08
	Nanaimo, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Châteauguay, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Vaughan, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Hilton Beach, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Paris, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	Shawnigan lake, Canada	2018-05-08
	Penticton, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hamilton, Canada	2018-05-08
	Fort Worth, Texas, US	2018-05-08
	Callander, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Dieppe, Canada	2018-05-08
	UK	2018-05-08
	Antigonish, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Edmonton, Canada	2018-05-08
	Parksville, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	Pender Island, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	Elizabeth, New Jersey, US	2018-05-08
	Kingston, Canada	2018-05-08
	US	2018-05-08
	Whistler, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Abbotsford, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	ottawa, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	Nepean, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Cranbrook, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	Kelowna, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Malahat, Canada	2018-05-08
	Salmon Arm, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	St-Zénon, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	La Prairie, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	manitoba, Canada	2018-05-08
	Georgina, Canada	2018-05-08
	Québec, Canada	2018-05-08
	Chatham, Canada	2018-05-08
	US	2018-05-08
	Duncan, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Kitchener, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	St. Albert, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	New Westminster, Canada	2018-05-08
	St. Albert, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	vancouver, bc, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	UK	2018-05-08
	Maple Ridge, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2018-05-08
	Chesley, Canada	2018-05-08
	Maple Ridge, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kanata, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Regina, Canada	2018-05-08
	US	2018-05-08
	Qualicum Beach, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	Neerlandia, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Delta, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Ottawa, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Italy	2018-05-08
	Vernon, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Caledon, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Cochrane, Canada	2018-05-08
	Collingwood, Canada	2018-05-08
	Heriot Bay, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	MONTREAL, Canada	2018-05-08
	North Saanich, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	US	2018-05-08
	TORONTO, Canada	2018-05-08
	US	2018-05-08
	Lindsay, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Gibsons, BC, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Fernie, Canada	2018-05-08
	Greenfield, Canada	2018-05-08
	Sechelt, Canada	2018-05-08
	US	2018-05-08
	Salt Spring Island, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Hamilton, Canada	2018-05-08

Name	Location	Date
	Acton, Canada	2018-05-08
	US	2018-05-08
	Brampton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Vancouver BC, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Galiano Island, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Washago, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Sherwood Park, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Newcastle, Canada	2018-05-08
	UK	2018-05-08
	Port Alberni, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Camrose, Canada	2018-05-08
	US	2018-05-08
	Courtenay, Canada	2018-05-08
	UK	2018-05-08
	Qualicum Beach, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-08
	Dieppe, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Coldstream, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Hearst Ontario, Canada	2018-05-08
	Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Schomberg, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	UK	2018-05-08
	London, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Arnprior, Canada	2018-05-08
	Toronto, Canada	2018-05-08



Name	Location	Date
	Mayne Island, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Summerland, Canada	2018-05-08
	Beausejour MB, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Yellowknife, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	gatineau, Canada	2018-05-08
	parksville bc, Canada	2018-05-08
	UK	2018-05-08

Name	Location	Date
	Bowmanville, Canada	2018-05-08
	Sangudo, Canada	2018-05-08
	US	2018-05-08
	Musgravetown, Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	UK	2018-05-08
	Rigaud, Qc., Canada	2018-05-08
	US	2018-05-08
	Kimberley, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Ottawa, Canada	2018-05-08
	White Rock, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Winlaw, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Whitchurch-Stouffville, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Blind River Ontario, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	Coe Hill, Canada	2018-05-08
	millarville, Canada	2018-05-08
	US	2018-05-08
	Burnaby, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Keremeos, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Rycroft, Canada	2018-05-08
	Québec, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Ladysmith, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Chambly, Canada	2018-05-08
	US	2018-05-08
	Grimsby, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Denver, Colorado, US	2018-05-08
	Saint Thomas, Canada	2018-05-08
	Montréal, Canada	2018-05-08

Name	Location	Date
	Ladysmith, Canada	2018-05-08
	London, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	Whitby, Canada	2018-05-08
	US	2018-05-08
	Camrose, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	The Pas, Canada	2018-05-08
	Moose Jaw, Canada	2018-05-08
	Gibsons, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Welland, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Shawnigan Lake, Canada	2018-05-08
	kenora, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Pitt Meadows, Canada	2018-05-08
	Belfast, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	West Kelowna, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Cambridge, Canada	2018-05-08
	Mont-Tremblant, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Kitchener, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Aurora, Canada	2018-05-08
	US	2018-05-08
	Thornhill, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Pierrefonds Quebec, Canada	2018-05-08
	laval, Canada	2018-05-08
	Barneys River Station, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Pitt Meadows, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Airdrie, Canada	2018-05-08
	Hamilton, Canada	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Port Sydney, Canada	2018-05-08
	Meteghan River, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	North Vancouver, Canada	2018-05-08
	Niagara-on-the-Lake, Canada	2018-05-08
	Delta, Canada	2018-05-08
	Burns Lake, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Sherwood Park, Canada	2018-05-08
	Regina, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Emsdale, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	New Liskeard, Canada	2018-05-08
	Montreal, Canada	2018-05-08



Name	Location	Date
	Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Stratford, Canada	2018-05-08
	Utterson, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Coldwater, Canada	2018-05-08
	US	2018-05-08
	Oshawa ont., Canada	2018-05-08
	Canada	2018-05-08
	Prince George, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Oshawa, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	North Vancouver, BC, Canada	2018-05-08
	Lethbridge, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	UK	2018-05-08
	Wasaga Beach, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Calgary, Canada	2018-05-08

Name	Location	Date
	Calgary, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08
	Port Rowan, Canada	2018-05-08
	UK	2018-05-08
	VICTORIA, Canada	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08
	Fort McMurray, Canada	2018-05-08
	Fort McMurray, Canada	2018-05-08
	US	2018-05-08
	toronto, Canada	2018-05-08
	Florissant, Colorado, US	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Etobicoke, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08

Name	Location	Date
	US	2018-05-08
	Salmon Arm, Canada	2018-05-08
	Summerland, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	St Catharines, Canada	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Victoria, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08

Name	Location	Date
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Calgary, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Wellington, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ingleside, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Langley, Canada	2018-05-08
	UK	2018-05-08
	Montreal, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	Paradise, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	Aylesford, Canada	2018-05-08
	Delta, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Denman Island, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Britannia Beach, Canada	2018-05-08
	US	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	Bedford, Nova Scotia, Canada	2018-05-08
	Canada	2018-05-08
	Sherbrooke, Canada	2018-05-08
	West vancouver, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	De Winton, Canada	2018-05-08
	Niagara Falls, Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Pictou, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Racine, QC, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	Lake Echo, Canada	2018-05-08
	Merrickville, Canada	2018-05-08
	Kelowna, B. C., Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Duncan, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08
	Coquitlam, Canada	2018-05-08
	London, Canada	2018-05-08
	Caledon, Canada	2018-05-08
	Dalhousie, Canada	2018-05-08
	US	2018-05-08
	Winlaw, Canada	2018-05-08
	Brighton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Burnaby, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Fort Langley, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Langley, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	Québec, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	La Pêche, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Mission, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Moncton, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Montreal, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Fall River, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Vaughan, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	UK	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Argentina	2018-05-08
	sooke, Canada	2018-05-08
	Markham, Canada	2018-05-08
	Prince George, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Galiano Island, Canada	2018-05-08
	US	2018-05-08
	St-Jean-sur-Richelieu, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Scarborough, Canada	2018-05-08
	US	2018-05-08
	Orillia, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Ayr, Canada	2018-05-08
	Grafton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Saskatoon SK, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Tofield, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Grandhaven, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	West Kelowna, Canada	2018-05-08
	US	2018-05-08
	Carp, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Burnaby, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	King City, Canada	2018-05-08
	West Vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	Thompson, Canada	2018-05-08
	Collingwood, Canada	2018-05-08
	Gimli, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Central Butte, Canada	2018-05-08
	US	2018-05-08
	Bristol, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Westholme, Canada	2018-05-08
	Carcross, Canada	2018-05-08
	Hudson, Canada	2018-05-08
	London, Canada	2018-05-08
	Delta, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Berwyn, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	Sioux Lookout, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Kamloops, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Lantz, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Dartmouth, Canada	2018-05-08
	Wasaga Beach, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Roberts Creek, Canada	2018-05-08
	US	2018-05-08
	Lower Sackville, Canada	2018-05-08

Name	Location	Date
	Lower Sackville, Canada	2018-05-08
	Montague, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Torontm, Canada	2018-05-08
	Headingley, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	London, Canada	2018-05-08
	Delta, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	Medicine Hat, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Caledon on, Canada	2018-05-08
	Prince Albert, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Bouctouche NB, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Milton, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Chilliwack, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	estevan, Canada	2018-05-08
	Sydenham, Canada	2018-05-08
	US	2018-05-08
	Peterborough, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	Saanichton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	ottawa, Canada	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Burlington, Canada	2018-05-08
	Mahone Bay, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Trois-Rivières, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	tecumseh ont., Canada	2018-05-08
	Oak Bay, Canada	2018-05-08
	Castlegar, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Halifax, NS, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Germany	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	Brandon, Canada	2018-05-08

Name	Location	Date
	Santiago, Chile	2018-05-08
	Belleville, Canada	2018-05-08
	Kelowna, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	Brantford, Canada	2018-05-08
	UK	2018-05-08
	Dartmouth, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Lower Prospect, Canada	2018-05-08
	US	2018-05-08
	Etobicoke, Canada	2018-05-08
	Thornhill, ON, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Kamloops, Canada	2018-05-08
	Markham, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Welland, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	US	2018-05-08
	Markham, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Twillingate, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Heathcote Ontario, Canada	2018-05-08
	Oshawa, Canada	2018-05-08
	US	2018-05-08
	Saint John, Canada	2018-05-08
	Cobble Hill, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	UK	2018-05-08
	Squamish, Canada	2018-05-08

Name	Location	Date
	Victoria, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	toronto, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Canada	2018-05-08
	Barrie, Canada	2018-05-08
	Burlington, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	Whistler, Canada	2018-05-08
	UK	2018-05-08
	North Vancouver, Canada	2018-05-08
	UK	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	Manchester, England, UK	2018-05-08
	Laval, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Cartago, Costa Rica	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Hacketts Cove, Canada	2018-05-08
	London, Canada	2018-05-08
	Sechelt, Canada	2018-05-08
	courtenay, Canada	2018-05-08
	US	2018-05-08
	Carleton Place, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Saint-Bruno-De-Montarville, Canada	2018-05-08
	Montreal Qc., Canada	2018-05-08
	Armagh, Canada	2018-05-08
	Port Alberni, Canada	2018-05-08
	Toronto, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Richmond, Canada	2018-05-08
	Candiac, Canada	2018-05-08
	Glace Bay, Canada	2018-05-08
	Saint-Lazare, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Elmira, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	st-sauveur, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Charlottetown, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	London, Canada	2018-05-08
	Brampton, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Duncan, Canada	2018-05-08
	London, Canada	2018-05-08
	US	2018-05-08
	Conway, South Carolina, US	2018-05-08
	US	2018-05-08
	Delta, Canada	2018-05-08
	Plympton ,N.S., Canada	2018-05-08
	Sainte-Adèle, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Halifax, Canada	2018-05-08

Name	Location	Date
	VERNON, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Surrey, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Gaspé, Canada	2018-05-08
	UK	2018-05-08
	Newcastle, Canada	2018-05-08
	US	2018-05-08
	Surrey, Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Whitchurch-Stouffville, Canada	2018-05-08
	US	2018-05-08
	Saskatoon, Canada	2018-05-08
	Canada	2018-05-08
	New Glasgow. RR #2, NS, Canada	2018-05-08



Name	Location	Date
	Vancouver, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Leamington, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Coquitlam, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	North Saanich, Canada	2018-05-08
	Stoney Creek, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	US	2018-05-08
	Burlington, Canada	2018-05-08
	Swan River MB, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	London, Canada	2018-05-08
	Brantford, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	Longueuil, Canada	2018-05-08
	US	2018-05-08
	Newmarket, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	Napanee, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Sainte Marie De Kent, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Hawkestone, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	Bowen Island, Canada	2018-05-08
	Saint-hyacinthe, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Collingwood, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Brights Grove, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Hampton, Canada	2018-05-08
	US	2018-05-08
	Guelph, ON, Canada	2018-05-08
	US	2018-05-08
	Thunder Bay, Canada	2018-05-08
	US	2018-05-08
	Steinbach, Canada	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	MTL, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	St. John's, Canada	2018-05-08
	Dartmouth, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	London, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Middleton, Canada	2018-05-08
	US	2018-05-08
	Niagara Falls, Canada	2018-05-08
	Ajax, Canada	2018-05-08
	Lynn, Canada	2018-05-08
	US	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Châteauguay, Canada	2018-05-08
	US	2018-05-08
	Sainte-Hélène-de-Chester, Canada	2018-05-08
	Economy, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Trout River, Canada	2018-05-08
	Chemainus, Canada	2018-05-08
	US	2018-05-08
	Lumby, Canada	2018-05-08
	Hazelton, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	Kingston, Canada	2018-05-08
	Penhold, AB., Canada	2018-05-08
	UK	2018-05-08
	Sudbury, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	Kelowna, Canada	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Courtenay, Canada	2018-05-08
	Pembroke, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Saint-Lazare, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Brampton, Canada	2018-05-08
	Richmond, Canada	2018-05-08

Name	Location	Date
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	St Margaret's Bay, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	Calgary, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	Saskatoon, SK, Canada	2018-05-08
	US	2018-05-08
	ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	South Africa	2018-05-08
	UK	2018-05-08
	Osgoode, Canada	2018-05-08
	kemptville, Canada	2018-05-08
	US	2018-05-08
	West Vancouver, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Tumbler Ridge, Canada	2018-05-08
	US	2018-05-08
	Medicine Hat, Canada	2018-05-08
	US	2018-05-08
	Porier sub ., Canada	2018-05-08
	Cobourg, Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
Lynda Henry	Rockwood, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Vankleek Hill, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Dorchester, ON, Canada	2018-05-08
	Canada	2018-05-08
	Montréal, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Richmond Hill, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	US	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Santiago, Chile	2018-05-08
	Winnipeg, Canada	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Owen Sound, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Pointe-Claire, Qc, Canada	2018-05-08
	Liverpool, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Ladysmith, Canada	2018-05-08
	London Ont., Canada	2018-05-08
	vancouver, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Waterloo, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-08
	Calgary, Canada	2018-05-08
	CONSTANCE LAKE, Canada	2018-05-08
	Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Cornwall, Canada	2018-05-08
	US	2018-05-08
	St. Catharines, Canada	2018-05-08
	Almonte, Canada	2018-05-08
	St. John's, Canada	2018-05-08
	UK	2018-05-08
	Dolbeau-Mistassini, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	Calgary, Canada	2018-05-08

Name	Location	Date
	Montague, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Kirkland, Canada	2018-05-08
	Laval, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Dorset, Canada	2018-05-08
	New Westminister, Canada	2018-05-08
	Newmarket, Canada	2018-05-08
	US	2018-05-08
	Coquitlam, Canada	2018-05-08
	Windsor, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Pender Island BC, Canada	2018-05-08
	Canmore, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Kelowna, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Martensville, Canada	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	Vancouver, Canada	2018-05-08
	Oakville, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Abbotsford, B.C., Canada	2018-05-08
	UK	2018-05-08
	Thornhill, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	granby qc, Canada	2018-05-08
	US	2018-05-08
	Bowen Island, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Vancouver, Canada	2018-05-08
	Sandy Hook, Canada	2018-05-08
	Portage la Prairie, Canada	2018-05-08
	US	2018-05-08
	Lake Country, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-08
	UK	2018-05-08
	Victoria, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	Valemount, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	London, Canada	2018-05-08
	Cornwall, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Limehouse, Canada	2018-05-08
	Mahone Bay, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Jaffray, Canada	2018-05-08
	Canada	2018-05-08
	Hanwell, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Winnipeg, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08
	Oakville, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Kingston, Canada	2018-05-08
	Grand Forks, Canada	2018-05-08
	Pembroke, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	Gabriola, Canada	2018-05-08
	Battersea, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Red Deer, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08

Name	Location	Date
	Garson, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Port Moody, Canada	2018-05-08
	Clayton, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	Cochrane, Canada	2018-05-08
	Saint-Sauveur, Canada	2018-05-08
	4533 Millvale Rd RR2 Breadalbane, Canada	2018-05-08
	US	2018-05-08
	Brampton, Canada	2018-05-08
	Canada	2018-05-08
	Calgary, Canada	2018-05-08
	Hudson, Canada	2018-05-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	New Tecumseth, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Salmon Arm, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Montréal, Canada	2018-05-08
	Falmouth, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Cavan, Canada	2018-05-08
	US	2018-05-08
	Halton Hills, Canada	2018-05-08
	US	2018-05-08
	Spain	2018-05-08
	Vancouver, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Kitchener, Canada	2018-05-08

Name	Location	Date
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Collingwood, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montréal, Canada	2018-05-08
	Canada	2018-05-08
	calgary, Canada	2018-05-08
	Vancouver, Canada	2018-05-08
	Smiths Falls, Canada	2018-05-08
	Saskatoon, Canada	2018-05-08
	UK	2018-05-08
	Charlottetown, Canada	2018-05-08
	Saint Thomas, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Edmonton, Canada	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	New Harbour, Canada	2018-05-08
	US	2018-05-08
	cap santé, Canada	2018-05-08
	Lund, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Wasaga Beach, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Newmarket, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Sooke, Canada	2018-05-08
	Vankleek Hill, Canada	2018-05-08
	Richmond Hill, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Toronto, Canada	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Markham, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	US	2018-05-08
	Dartmouth, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	passang, Canada	2018-05-08
	Ucluelet, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Lower Sackville, Canada	2018-05-08
	Montréal, Canada	2018-05-08
	Lampman, Canada	2018-05-08
	Nanaimo, Canada	2018-05-08
	London, Canada	2018-05-08
	Lyndhurst, Canada	2018-05-08
	Gatineau, Canada	2018-05-08

Name	Location	Date
	Toronto, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	UK	2018-05-08
	Barrie, Canada	2018-05-08
	Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	UK	2018-05-08
	London, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Sturgeon County, Canada	2018-05-08
	Bruce Mines, Canada	2018-05-08
	Hornby Island, B.C., Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	Montreal, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Langley, Canada	2018-05-08
	Halifax, Canada	2018-05-08
	Duncan, Canada	2018-05-08
	US	2018-05-08
	WPG. MB., Canada	2018-05-08
	Parry Sound, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Pickering, Canada	2018-05-08
	banff, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	Hamilton Ontario, Canada	2018-05-08
	Calgary, Canada	2018-05-08
	US	2018-05-08
	Lethbridge, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Nelson, Canada	2018-05-08

Name	Location	Date
	Vancouver, Canada	2018-05-08
	St-Jérôme, Canada	2018-05-08
	High River, Canada	2018-05-08
	Little Current, Canada	2018-05-08
	Lantzville, Canada	2018-05-08
	Pickering, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Woodstock, Canada	2018-05-08
	US	2018-05-08
	Coaldale, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	US	2018-05-08
	Grimsby, Canada	2018-05-08
	Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Alberta, Canada	2018-05-08
	US	2018-05-08
	Burlington, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Prince Rupert, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Courtenay, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Calgary, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Guelph, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Goodwood, Canada	2018-05-08
	kitchener, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Canada	2018-05-08
	US	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Canada	2018-05-08



Name	Location	Date
	Ottawa, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Thornhill, Canada	2018-05-08
	Winnipeg, Canada	2018-05-08
	Summerside, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Foxboro, Canada	2018-05-08
	Montreal, Canada	2018-05-08
	UK	2018-05-08
	US	2018-05-08
	Cobourg, Canada	2018-05-08
	Saint John's, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Canada	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Cambridge, Canada	2018-05-08
Laura Oakley	Vancouver, Canada	2018-05-08

Name	Location	Date
	Bedford, Canada	2018-05-08
	US	2018-05-08
	Toronto, On, Canada	2018-05-08
	US	2018-05-08
	Victoria, Canada	2018-05-08
	Lively,Ont, Canada	2018-05-08
	Fredericton, Canada	2018-05-08
	France	2018-05-08
	Sault Sainte Marie, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	New Westminster, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Mississauga, Canada	2018-05-08
	Cochrane AB., Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Montreal, Canada	2018-05-08
	Belle River, Canada	2018-05-08
	St. Albert, Canada	2018-05-08
	Kitchener, Canada	2018-05-08
	Stephenville Crossing, Canada	2018-05-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-08
	Wiarnton, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	US	2018-05-08
	Toronto, Canada	2018-05-08
	Osgoode, Canada	2018-05-08
	Victoria, Canada	2018-05-08
	Burnaby, Canada	2018-05-08
	Kinburn, Canada	2018-05-08
	Saint Thomas, Canada	2018-05-08
	US	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Duncan, Canada	2018-05-08
	Moncton, Canada	2018-05-08
	Niagara Falls, Ontario, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Saint John, Canada	2018-05-08

Name	Location	Date
	Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	Langley Township, Canada	2018-05-08
	UK	2018-05-08
	Ottawa, Canada	2018-05-08
	US	2018-05-08
	Drummondville, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	US	2018-05-08
	Canada	2018-05-08
	North Vancouver, Canada	2018-05-08
	vancouver bc, Canada	2018-05-08
	Singapore	2018-05-08
	TWEED, Canada	2018-05-08
	Abbotsford, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Sherbrooke, Québec, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08

Name	Location	Date
	US	2018-05-08
	Vaughan, Canada	2018-05-08
	Toronto, Canada	2018-05-08
	Hamilton, Canada	2018-05-08
	Milton, Canada	2018-05-08
	Canada	2018-05-08
	Barrie, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Garson, Canada	2018-05-08
	US	2018-05-08
	US	2018-05-08
	Coquitlam, Canada	2018-05-08
	Maple, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	vancouver, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	shediac cape, Canada	2018-05-09
	Cambridge, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Calgary, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Nottawa, Canada	2018-05-09
	Gunn, Canada	2018-05-09
	US	2018-05-09
	New Westminster, Canada	2018-05-09
	Dollard-Des Ormeaux, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Richmond, Canada	2018-05-09
	Wolfville, Canada	2018-05-09
	Guelph, Canada	2018-05-09
	Innisfil, Ontario, Canada	2018-05-09
	Sherwood Park, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	Singapore	2018-05-09
	Douglassville, Pennsylvania, US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Hope, Canada	2018-05-09
	Thunder Bay, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Pembroke, Canada	2018-05-09
	Ennismore, Canada	2018-05-09
	Duncan, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	North Vancouver, Canada	2018-05-09
	Maniwaki, Canada	2018-05-09
	Canada	2018-05-09
	Sherbrooke, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Kingston, Canada	2018-05-09
	St. Albert, Canada	2018-05-09
	port hope, Canada	2018-05-09
	Greely, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	deux montagnes, Canada	2018-05-09
	US	2018-05-09
	Kingston, Canada	2018-05-09
	Lloydminster, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Nanaimo, Canada	2018-05-09
	UK	2018-05-09
	Schomberg, Canada	2018-05-09
	Seagrave, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	Trail, Canada	2018-05-09
	Port Perry, Canada	2018-05-09
	Surrey, Canada	2018-05-09
	US	2018-05-09
	Edmonton, Canada	2018-05-09
	Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	Langley, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Tottenham, ON, Canada	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Agassiz, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Charlottetown, Canada	2018-05-09
	Mississauga, Canada	2018-05-09
	US	2018-05-09
	Stoney Creek, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Winlaw BC, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	Cobble Hill, Canada	2018-05-09
	toronto, Canada	2018-05-09
	US	2018-05-09
	Burnaby, Canada	2018-05-09
	US	2018-05-09
	Pointe Claire, QC, Canada	2018-05-09
	Mississauga, Canada	2018-05-09
	Kitchener, Canada	2018-05-09

Name	Location	Date
	Halton Hills, Canada	2018-05-09
	Goderich, Canada	2018-05-09
	Langley, Canada	2018-05-09
	Kitchener, Canada	2018-05-09
	Middle Sackville, Canada	2018-05-09
	Newmarket, Canada	2018-05-09
	Souris, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	West Vancouver, Canada	2018-05-09
	Oakville, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	Moncton, Canada	2018-05-09
	DUNDAS, Canada	2018-05-09
	New Westminster, Canada	2018-05-09
	Carleton Place, Canada	2018-05-09
	Nobleton, Canada	2018-05-09
	Mooretown, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09

Name	Location	Date
	Langley, Canada	2018-05-09
	Wetaskiwin, Canada	2018-05-09
	US	2018-05-09
	London, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Quispamsis, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Vancouver, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	Campbell River, Canada	2018-05-09
	North Vancouver, Canada	2018-05-09
	Fredericton, Canada	2018-05-09
	Toronto, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Mississauga, Canada	2018-05-09
	US	2018-05-09
	Simcoe, Canada	2018-05-09
	US	2018-05-09
	kincardine, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Burlington, Canada	2018-05-09
	Surrey, Canada	2018-05-09
	Abbotsford, Canada	2018-05-09
	US	2018-05-09
	London, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Mississauga, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Bradford, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-09
	Port Coquitlam, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Mississauga, Canada	2018-05-09
	US	2018-05-09
	Leduc, Canada	2018-05-09
	Burnaby, Canada	2018-05-09
	US	2018-05-09
	Whitney, Canada	2018-05-09
	Halifax, NS, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	St-Lazare, Canada	2018-05-09

Name	Location	Date
	North Vancouver, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Qualicum Beach, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Stratford, Canada	2018-05-09
	Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	US	2018-05-09
	Edmonton, Canada	2018-05-09
	barrington, Canada	2018-05-09
	Peterborough, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Cambridge, On, Canada	2018-05-09
	Halton Hills, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-09
	Toronto, Canada	2018-05-09
	South River, Canada	2018-05-09
	Saskatoon, Canada	2018-05-09
	Canada	2018-05-09
	Guelph, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	St. Jacobs, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Halton Hills, Canada	2018-05-09
	Halifax NS, Canada	2018-05-09
	Mount Pearl, Canada	2018-05-09
	Belle River, Canada	2018-05-09
	Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Whitby, Canada	2018-05-09
	Ottawa, Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Port Colborne, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Boulder CO, Colorado, US	2018-05-09
	London, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Langley, Canada	2018-05-09
	Oshawa, Canada	2018-05-09
	US	2018-05-09
	Maple Ridge, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	Pointe-Claire, Canada	2018-05-09
	Rigaud, Canada	2018-05-09
	Sydenham, Canada	2018-05-09
	Toronto, Canada	2018-05-09



Name	Location	Date
	Rhineland, Wisconsin, US	2018-05-09
	Winnipeg, Canada	2018-05-09
	US	2018-05-09
	Montreal, Canada	2018-05-09
	US	2018-05-09
	Union Bay, Canada	2018-05-09
	US	2018-05-09
	Kelowna BC, Canada	2018-05-09
	US	2018-05-09
	Mason City, Iowa, US	2018-05-09
	White Plains, New York, US	2018-05-09
	Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	Montréal, Québec, Canada	2018-05-09
	Gyeonggi-do, South Korea	2018-05-09
	Campbell River, Canada	2018-05-09
	Maple Ridge, Canada	2018-05-09
	Kingston, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Dollard-Des Ormeaux, Canada	2018-05-09
	Victoria, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Canada	2018-05-09
	Montreal, Canada	2018-05-09
	US	2018-05-09
	Mississauga, Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	London, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Burnaby, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	Sechelt, Canada	2018-05-09
	Duncan, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Chelsea, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ammon, Canada	2018-05-09
	Courtenay, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Vaughan, Canada	2018-05-09
	Squamish, Canada	2018-05-09
	US	2018-05-09
	Québec, Canada	2018-05-09
	Surrey, Canada	2018-05-09
	Courtenay, Canada	2018-05-09
	Miami, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Maple Ridge, Canada	2018-05-09
	US	2018-05-09
	Belgium	2018-05-09
	US	2018-05-09
	Waterloo, ON, Canada	2018-05-09
	Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	Regina, Canada	2018-05-09

Name	Location	Date
	Port Alberni, Canada	2018-05-09
	rothesay, Canada	2018-05-09
	Parkhill, Canada	2018-05-09
	North York, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	Surrey, Canada	2018-05-09
	Saint Thomas, Canada	2018-05-09
	Chilliwack, Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Perth, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Abbotsford, Canada	2018-05-09
	US	2018-05-09
	Mississauga, Canada	2018-05-09
	Chatham-Kent, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Kitchener, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Dundas, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	West Kelowna, Canada	2018-05-09
	Angus, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Longueuil, Canada	2018-05-09
	Oakville, Canada	2018-05-09
	Canada	2018-05-09
	Calgary, Canada	2018-05-09
	US	2018-05-09
	Beaconsfield, Canada	2018-05-09
	Quesnel, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Montréal, Canada	2018-05-09
	Saint John, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-05-09
	Regina, Canada	2018-05-09
	Enfield, Canada	2018-05-09
	Canada	2018-05-09
	Swan River, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Fort Frances, Canada	2018-05-09
	Nanaimo, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	London, Canada	2018-05-09
	Brampton, Canada	2018-05-09
	Hudson, Canada	2018-05-09
	Prince George, Canada	2018-05-09
	Niagara-on-the-Lake, Canada	2018-05-09
	Οτάβα, Canada	2018-05-09
	US	2018-05-09
	Sooke, Canada	2018-05-09
	Pointe-claire, Canada	2018-05-09
	Regina, Canada	2018-05-09
	Canada	2018-05-09

Name	Location	Date
	Kitchener, Canada	2018-05-09
	US	2018-05-09
	Quebec, Canada	2018-05-09
	Montreal West, Canada	2018-05-09
	Saint-Prosper, Canada	2018-05-09
	US	2018-05-09
	Fergus, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Westville, NS, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Oakville, Canada	2018-05-09
	US	2018-05-09
	Kamloops, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Victoria, Canada	2018-05-09
	Redvers, Canada	2018-05-09
	richmond, Canada	2018-05-09
	US	2018-05-09
	Kamloops, Canada	2018-05-09
	Nanaimo, Canada	2018-05-09
	Campbell River, Canada	2018-05-09
	US	2018-05-09
	Grimsby, Canada	2018-05-09
	Sooke, Canada	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Canada	2018-05-09
	London, Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Oakville, Canada	2018-05-09
	Sault Ste. Marie, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	US	2018-05-09
	Brossard, Canada	2018-05-09
	Campbell River, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	West Vancouver, Canada	2018-05-09
	US	2018-05-09
	Lethbridge, Canada	2018-05-09
	Canada	2018-05-09
	Gilford, Canada	2018-05-09
	Beirut, Canada	2018-05-09
	US	2018-05-09
	pt. coquitlam, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Boulder, Colorado, US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Lethbridge, Canada	2018-05-09
	Harriston, ON, Canada	2018-05-09
	Lethbridge, Canada	2018-05-09
	New Westminster, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	windsor, nova scotia, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	London, Canada	2018-05-09
	Magog, Canada	2018-05-09
	Quesnel, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Strathroy, Canada	2018-05-09
	Carignan, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Whistler, Canada	2018-05-09
	Gatineau, Canada	2018-05-09
	US	2018-05-09
	Lindsay, Canada	2018-05-09
	Blackstock, Canada	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Saguenay, Canada	2018-05-09
	North Saanich, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Poplar Point, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Drumheller, Canada	2018-05-09
	US	2018-05-09

Name	Location	Date
	US	2018-05-09
	US	2018-05-09
	Winnipeg, Canada	2018-05-09
	Ladysmith, Canada	2018-05-09
	US	2018-05-09
	North Vancouver, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Fort Erie, Canada	2018-05-09
	US	2018-05-09
	Edmonton, Canada	2018-05-09
	Nanaimo, BC, Canada	2018-05-09
	BRAMPTON, Canada	2018-05-09
	US	2018-05-09
	Coquitlam, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Vernon, Canada	2018-05-09
	SAINT-JÉRÔME, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2018-05-09
	Chilliwack, Canada	2018-05-09
	Comox, Canada	2018-05-09
	Weslaco, Texas, US	2018-05-09
	Whistler, Canada	2018-05-09
	US	2018-05-09
	Fordwich, Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	SASKATOON, Canada	2018-05-09
	Richmond Hill, Canada	2018-05-09
	US	2018-05-09
	Vernon, Canada	2018-05-09
	Kelowna, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Langley, Canada	2018-05-09
	US	2018-05-09
	Winnipeg, Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	US	2018-05-09
	Surrey, Canada	2018-05-09
	US	2018-05-09
	Victoria, Canada	2018-05-09
	US	2018-05-09
	Langley Township, Canada	2018-05-09
	Stratford, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Courtenay, Canada	2018-05-09
	US	2018-05-09
	New Denver, Canada	2018-05-09
	Saskatoon, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Port Elgin, On, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Grande Prairie, Canada	2018-05-09

Name	Location	Date
	Calgary, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Victoria, Canada	2018-05-09
	Lac la Biche, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	US	2018-05-09
	Waterloo, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Surrey, Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Burnaby, Canada	2018-05-09
	Port Moody, Canada	2018-05-09
	UK	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Sudbury, Canada	2018-05-09
	Evansburg, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Surrey, Canada	2018-05-09
	Sidney, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Nanaimo, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Surrey, Canada	2018-05-09
	Fort Erie, Canada	2018-05-09
	Richmond Hill, Canada	2018-05-09
	Lindsay, Canada	2018-05-09
	Cannington, Canada	2018-05-09
	Surrey, Canada	2018-05-09
	Oakville, Canada	2018-05-09
	Windsor, Canada	2018-05-09
	US	2018-05-09
	Port Alberni, Canada	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Lethbridge, Canada	2018-05-09
	US	2018-05-09
	Rijeka, Croatia	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Stoney Creek, Canada	2018-05-09
	Pickering, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Sylvan Lake, Canada	2018-05-09
	US	2018-05-09
	Prince George, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Vancouver, BC, Canada	2018-05-09
	Winkler, Canada	2018-05-09
	US	2018-05-09
	Victoria, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	US	2018-05-09
	Russia	2018-05-09
	Uxbridge, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Melville, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Gibsons, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Victoria, Canada	2018-05-09
	US	2018-05-09

Name	Location	Date
	US	2018-05-09
	Salt Spring Island BC, Canada	2018-05-09
	Shawnigan Lake, B.C., Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Calgary, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	Comox, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-09
	Edmonton, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Victoria, Canada	2018-05-09
	UK	2018-05-09
	Victoria, Canada	2018-05-09
	Worcester, UK	2018-05-09
	Vancouver, Canada	2018-05-09
	Spain	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Toronto, Canada	2018-05-09
	UK	2018-05-09
	Portugal	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	White Rock, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Whitby, Canada	2018-05-09

Name	Location	Date
	Red Deer, Canada	2018-05-09
	Newmarket, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Saint Kilda, Australia	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Delta, Canada	2018-05-09
	London, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09

Name	Location	Date
	UK	2018-05-09
	Calgary, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Lake Country, Canada	2018-05-09
	UK	2018-05-09
	., Canada	2018-05-09
	Rossburn, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Adelaide, Australia	2018-05-09
	Barrhead, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09

Name	Location	Date
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Abbotsford, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	whitby, Canada	2018-05-09
	Barrie, Canada	2018-05-09
	Kitchener, Canada	2018-05-09
	Miramichi, Canada	2018-05-09
	Ridgeway, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Georgetown, Canada	2018-05-09
	US	2018-05-09

Name	Location	Date
	Hamilton, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Kitchener, Canada	2018-05-09
	US	2018-05-09
	Mississauga, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Singapore	2018-05-09
	UK	2018-05-09
	Ottawa, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Halifax, Canada	2018-05-09
	US	2018-05-09
	Kingston, Canada	2018-05-09
	Harvey, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	UK	2018-05-09
	Markham, Canada	2018-05-09
	Durham, Canada	2018-05-09
	Huntsville, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Sainte-Adèle, Canada	2018-05-09
	Montreal Quebec, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Brantford, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Oshawa, Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09

Name	Location	Date
	Foxhole, England, UK	2018-05-09
	Longueuil, Canada	2018-05-09
	Spain	2018-05-09
	Montreal, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Oakville, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Elora, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09

Name	Location	Date
	Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Vaughan, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Green Bay, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Scoudouc Road, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Bonaventure, Canada	2018-05-09
	US	2018-05-09
	Calgary, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Hanwell, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	India	2018-05-09
	North View, Canada	2018-05-09
	Dunnville, ON, Canada	2018-05-09
	Ipswich, England, UK	2018-05-09
	Innisfil, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Saint John, Canada	2018-05-09
	UK	2018-05-09
	Bath, Canada	2018-05-09
	Kincardine, Canada	2018-05-09
	Oshawa, Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Whitby, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Halifax, Canada	2018-05-09
	Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	Deux-montagnes, Canada	2018-05-09
	Canada	2018-05-09
	Napanee, Canada	2018-05-09
	Comox, Canada	2018-05-09
	Canada	2018-05-09
	Pickering, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Kinuso, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Halifax, Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	South Porcupine, Canada	2018-05-09
	US	2018-05-09
	Peterborough, Canada	2018-05-09
	Riverview, Canada	2018-05-09
	Canada	2018-05-09
	Lévis, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Saugeen Shores, Ontario, Canada	2018-05-09
	Hearst, Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Saint-Pacôme, Canada	2018-05-09
	Québec, Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Cambridge, Canada	2018-05-09
	nestleton, Canada	2018-05-09
	Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Aurora, Canada	2018-05-09
	North Saanich, Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	US	2018-05-09
	North Tetagouche, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Russia	2018-05-09
	Canada	2018-05-09
	Jonquière, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Pickering, Canada	2018-05-09
	Rouyn-Noranda, Canada	2018-05-09
	US	2018-05-09
	ste-marguerite, Canada	2018-05-09
	US	2018-05-09
	Bécancour, Canada	2018-05-09
	Canada	2018-05-09
	Peterborough, Canada	2018-05-09
	Thamesford, Canada	2018-05-09



Name	Location	Date
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Shuniah, Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Tsawwassen, Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Orleans, Canada	2018-05-09
	Canada	2018-05-09
	Montréal, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Kitchener, Canada	2018-05-09
	Kinmount, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-09
	Thorold, Canada	2018-05-09
	Medicine Hat, Canada	2018-05-09
	Fort Saskatchewan, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Watford, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	Newmarket, Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	Uxbridge, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Grimsby, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Peterborough, Canada	2018-05-09
	Deep River, Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	ORILLIA, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Beaver Creek, Canada	2018-05-09
	US	2018-05-09
	Kelowna, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Canada	2018-05-09
	Westmount, Canada	2018-05-09
	Antigonish, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Stoney Creek, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	London, Canada	2018-05-09
	laval, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	New Glasgow, Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Antigonish, Canada	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	toronto, Canada	2018-05-09
	Granville Ferry, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Sudbury, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	FORT FRANCES, Canada	2018-05-09
	Canada	2018-05-09
	Richmond Hill, Canada	2018-05-09
	Montréal, Canada	2018-05-09
	US	2018-05-09
	Port Hope, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Edmonton, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Port Sydney, Canada	2018-05-09
	Hfx, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	Canada	2018-05-09
	Dryden, Canada	2018-05-09
	Oakville, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	UK	2018-05-09
	North Vancouver, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09
	Salaberry-de-Valleyfield, Canada	2018-05-09
	US	2018-05-09
	Goderich, Canada	2018-05-09
	Lilburn, Georgia, US	2018-05-09
	Kitchener, Canada	2018-05-09
	North Vancouver, Canada	2018-05-09
	simcoe, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	US	2018-05-09
	Halifax, Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Waverley, Canada	2018-05-09
	US	2018-05-09
	Guelph, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Videbaek, Denmark	2018-05-09
	Canada	2018-05-09
	Port Coquitlam, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Pictou Landing, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Pictou, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Toronto, Canada	2018-05-09
	Brantford, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Oliver, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Creston, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Chatham-Kent, Canada	2018-05-09
	Canada	2018-05-09
	Pictou, Canada	2018-05-09
	UK	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Fort Erie, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Victoria, Canada	2018-05-09
	Paradise, Canada	2018-05-09
	US	2018-05-09
	Pictou, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09
	Abbotsford, Canada	2018-05-09
	Winnipeg, Canada	2018-05-09
	Montréal, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	US	2018-05-09
	Oshawa, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Brampton, Canada	2018-05-09
	Lévis, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Richmond Hill, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Halifax, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Richmond Hill, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Courtenay, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Mascouche, Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	Burlington, Canada	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Saint Albert, Canada	2018-05-09
	Sangudo, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	White Rock, Canada	2018-05-09
	Canada	2018-05-09
	Oshawa, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	East Zorra-Tavistock, Canada	2018-05-09
	Kentville, Canada	2018-05-09
	UK	2018-05-09
	Sherwood Park, Canada	2018-05-09
	Canada	2018-05-09
	London, Canada	2018-05-09
	Sydney, Canada	2018-05-09
	Scotsburn, Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Victoria, Canada	2018-05-09

Name	Location	Date
	Montreal, Canada	2018-05-09
	US	2018-05-09
	Stellarton, Canada	2018-05-09
	US	2018-05-09
	Hamilton, Canada	2018-05-09
	Sofia, Bulgaria	2018-05-09
	Guelph, Canada	2018-05-09
	US	2018-05-09
	Toney River, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Brampton, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09

Name	Location	Date
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Cairo, Egypt	2018-05-09
	North Wiltshire, Canada	2018-05-09
	Glen Haven, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Squamish, Canada	2018-05-09
	Burlington, Canada	2018-05-09
	Canada	2018-05-09
	Sharbot lake, Canada	2018-05-09
	Middleton, Canada	2018-05-09
	Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Prince George, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-05-09
	UK	2018-05-09
	Kamloops, Canada	2018-05-09
	Saltspring Island, BC, Canada	2018-05-09
	Burnaby, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Vernon, Canada	2018-05-09
	UK	2018-05-09
	Boucherville, Canada	2018-05-09
	Montréal, Canada	2018-05-09
	pictou, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	CALGARY, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Woodville, Canada	2018-05-09
	Newmarket, Canada	2018-05-09
	HALIBURTON, Canada	2018-05-09
	US	2018-05-09
	Pictou, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Montréal, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Smithers, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Calgary, Canada	2018-05-09



Name	Location	Date
	Victoria, Canada	2018-05-09
	Dawson, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Toronto, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Whitchurch-Stouffville, Canada	2018-05-09
	Riverview, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Saskatoon, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Coldstream, B.C., Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Victoria, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Canada	2018-05-09
	Maple Ridge, Canada	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Redwood Meadows, Canada	2018-05-09
	New glasgow, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	TORONTO, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Calgary, Canada	2018-05-09
	Nictaux, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Wentworth, Canada	2018-05-09
	US	2018-05-09
	Kitchener, Canada	2018-05-09

Name	Location	Date
	US	2018-05-09
	Red Deer, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Windsor, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Victoria, Canada	2018-05-09
	US	2018-05-09
	Smithers, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	UK	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	US	2018-05-09
	Keremeos, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Canada	2018-05-09
	Montréal, Canada	2018-05-09
	Prince Edward, Canada	2018-05-09
	Newmarket, Canada	2018-05-09
	Canada	2018-05-09
	London, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	North Vancouver, Canada	2018-05-09
	Verdun, QC, Canada	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09

Name	Location	Date
	Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Kitchener, Canada	2018-05-09
	Laval, Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Summerside, Canada	2018-05-09
	North Vancouver, Canada	2018-05-09
	Kelowna, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09

Name	Location	Date
	Antigonish, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Brampton, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Surrey, Canada	2018-05-09
	US	2018-05-09
	Scarborough, Canada	2018-05-09
	West Vancouver, B.C., Canada	2018-05-09
	Rockwood, Canada	2018-05-09
	Canada	2018-05-09
	Richmond Hill, Canada	2018-05-09
	Canada	2018-05-09
	Beaubassin East, Canada	2018-05-09
	Canada	2018-05-09
	Merville, Canada	2018-05-09
	Moncton, Canada	2018-05-09

Name	Location	Date
	Thornbury, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Nanaimo, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	North Vancouver, Canada	2018-05-09
	UK	2018-05-09
	cochrane, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Courtenay, Canada	2018-05-09

Name	Location	Date
	Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Little River, Canada	2018-05-09
	UK	2018-05-09
	Montreal, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	Covington, Louisiana, US	2018-05-09
	Kelowna, Canada	2018-05-09
	UK	2018-05-09
	Vernon, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Kirkland, Canada	2018-05-09
	New Glasgow nova scotia, Canada	2018-05-09
	Canada	2018-05-09
	Dubai, England, UK	2018-05-09
	US	2018-05-09
	Whistler, Canada	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-09
	Hamilton, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Creston, Canada	2018-05-09
	Hunter river, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Middle Sackville, Canada	2018-05-09
	Canada	2018-05-09
	High River, Canada	2018-05-09
	Brandon, Canada	2018-05-09
	Penticton, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Bolton, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Fort Collins, Colorado, US	2018-05-09
	US	2018-05-09
	halifax, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Vancouver, Canada	2018-05-09
	Hagersville, Canada	2018-05-09
	Bonshaw, Canada	2018-05-09
	Devon AB, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Medicine Hat, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Langley, Canada	2018-05-09
	Sudbury, Canada	2018-05-09
	Canada	2018-05-09
	Ontario, Canada	2018-05-09
	US	2018-05-09
	Riverview, Canada	2018-05-09
	Victoria, Canada	2018-05-09

Name	Location	Date
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Halifax,NS, Canada	2018-05-09
	Canada	2018-05-09
	Halifax, Canada	2018-05-09
	US	2018-05-09
	Winnipeg, Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Belle River, Canada	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09
	Canada	2018-05-09
	Waterloo, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Welland, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Scotsburn, Canada	2018-05-09
	pictou, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Sault Ste. Marie, Canada	2018-05-09
	UK	2018-05-09
	Winnipeg, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-09
	New Glasgow, Canada	2018-05-09
	Oromocto, Canada	2018-05-09
	Cobourg, Canada	2018-05-09
	UK	2018-05-09
	Cranbrook, Canada	2018-05-09
	West Vancouver, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Peterborough, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Courtenay, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	Burnaby, Canada	2018-05-09
	Victoria, Canada	2018-05-09
	Canada	2018-05-09
	Prince George, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Sandy Lake, Canada	2018-05-09
	Amherst, Canada	2018-05-09
	Pompano Beach, Florida, US	2018-05-09
	Ottawa, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Montréal, Canada	2018-05-09

Name	Location	Date
	Thunder Bay, Canada	2018-05-09
	UK	2018-05-09
	Dartmouth, Canada	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Surrey, Canada	2018-05-09
	Thorburn, Canada	2018-05-09
	Canada	2018-05-09
	Victoria BC, Canada	2018-05-09
	Canada	2018-05-09
	Vernon, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Pictou, Canada	2018-05-09

Name	Location	Date
	UK	2018-05-09
	UK	2018-05-09
	Bear River, Canada	2018-05-09
	Belleville, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Souris, Canada	2018-05-09
	Ottawa, Canada	2018-05-09
	Montague, Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Hamilton, on, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	UK	2018-05-09
	Fredericton, Canada	2018-05-09
	UK	2018-05-09
	Toronto, Canada	2018-05-09
	US	2018-05-09
	Montréal, Canada	2018-05-09
	Milton, Canada	2018-05-09



<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-09
	Langley, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	UK	2018-05-09
	Yarmouth, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Thunder Bay, Canada	2018-05-09
	Canada	2018-05-09
	Longueuil, Canada	2018-05-09
	US	2018-05-09
	Gatineau, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Warburg, Canada	2018-05-09
	Moncton, Canada	2018-05-09
	New Glasgow, Canada	2018-05-09
	East Gwillimbury, Canada	2018-05-09
	Markham, Canada	2018-05-09
	Calgary, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	souris, Canada	2018-05-09
	Silver Spring, Maryland, US	2018-05-09
	Abbotsford, Canada	2018-05-09
	Whistler, Canada	2018-05-09
	Whitehorse, Canada	2018-05-09
	Bridgewater, Canada	2018-05-09
	Chilliwack, Canada	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	Burlington, Canada	2018-05-09
	Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Westville, Canada	2018-05-09
	Truro, Canada	2018-05-09
	Canada	2018-05-09
	Barrie, Canada	2018-05-09
	Hawkesbury, Canada	2018-05-09
	Pictou, Canada	2018-05-09
	Toronto, Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-09
	Burlington, Canada	2018-05-09
	Canada	2018-05-09
	Brampton, Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	Westville, Canada	2018-05-09
	Orlando, Florida, US	2018-05-09
	Canada	2018-05-09
	London, Canada	2018-05-09
	Dartmouth, Canada	2018-05-09
	Canada	2018-05-09
	Houston, Texas, US	2018-05-09
	Boularderie CB NS, Canada	2018-05-09
	Scotsburn, Canada	2018-05-09
	Thorburn, Canada	2018-05-09
	Nova Scotia, Canada	2018-05-09
	Canada	2018-05-09
	Montague, Canada	2018-05-09
	Armstrong, Canada	2018-05-09
	New Glasgow, Canada	2018-05-09
	Canada	2018-05-09

Name	Location	Date
	Canada	2018-05-09
	Leduc, Alberta, Canada	2018-05-09
	UK	2018-05-09
	UK	2018-05-09
	US	2018-05-09
	Surrey, Canada	2018-05-09
	Calgary, Canada	2018-05-09
	Argentina	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Dayton, Ohio, US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Nanaimo, Canada	2018-05-09
	US	2018-05-09
	Nelson, BC, Canada	2018-05-09
	Canada	2018-05-09
	Campbell River, Canada	2018-05-09
	Edmonton, Canada	2018-05-09
	Canada	2018-05-09
	Toronto, Canada	2018-05-09
	Canada	2018-05-09

Name	Location	Date
	Manchester, New Hampshire, US	2018-05-09
	Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Barrie, Canada	2018-05-09
	Canada	2018-05-09
	Hamilton, Canada	2018-05-09
	Lakeville, Canada	2018-05-09
	Trenton, Canada	2018-05-09
	Coquitlam, Canada	2018-05-09
	Antigonish, Canada	2018-05-09
	Huntington, New York, US	2018-05-09
	Norfolk, Massachusetts, US	2018-05-09
	Antigonish, Canada	2018-05-09
	US	2018-05-09
	Toronto, Canada	2018-05-09
	Truro, Canada	2018-05-09
	Pictou, Canada	2018-05-09
	Montreal, Canada	2018-05-09
	Guadalajara, US	2018-05-09
	Canada	2018-05-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Arlington, Massachusetts, US	2018-05-09
	Calgary, Alberta, Canada	2018-05-09
	West Hartford, Connecticut, US	2018-05-09
	US	2018-05-09
	Moncton, Canada	2018-05-09
	UK	2018-05-09
	Canada	2018-05-09
	Powerview, Canada	2018-05-09
	Seabright, Canada	2018-05-09
	Winnipeg Beach, Canada	2018-05-09
	Mississauga, Canada	2018-05-09
	Souris, Canada	2018-05-09
	Oakville, Canada	2018-05-09
	Langley, Canada	2018-05-09
	Halifax, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Desable, Canada	2018-05-09
	Windsor, Canada	2018-05-09
	US	2018-05-09

Name	Location	Date
	US	2018-05-09
	Gatineau, Canada	2018-05-09
	US	2018-05-09
	Gatineau, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	US	2018-05-09
	Calgary, Canada	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Canada	2018-05-09
	US	2018-05-09
	Ottawa, Canada	2018-05-09
	Canada	2018-05-10
	US	2018-05-10
	Banff, Canada	2018-05-10
	Edmonton, Canada	2018-05-10
	Fort Erie, Canada	2018-05-10
	Edmonton, Canada	2018-05-10
	Wallace, Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Dunvegan, Canada	2018-05-10
	Diligent River, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Cochrane, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Victoria, Canada	2018-05-10
	Canada	2018-05-10
	Toronto, Canada	2018-05-10
	US	2018-05-10
	London, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Calgary, Canada	2018-05-10
	Oakville, Canada	2018-05-10
	Canada	2018-05-10
	Dartmouth, Canada	2018-05-10
	Pictou, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, BC, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	canada, Canada	2018-05-10
	US	2018-05-10
	Winnipeg, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Merigomish, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	North Vancouver, Canada	2018-05-10
	Stratford, Canada	2018-05-10
	Antigonish, Canada	2018-05-10
	Canada	2018-05-10
	Longwood, Florida, US	2018-05-10
	Westville, Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	Peterborough, Canada	2018-05-10
	US	2018-05-10

Name	Location	Date
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	St. John's, Canada	2018-05-10
	Canada	2018-05-10
	Calgary, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Toronto, Canada	2018-05-10
	Canada	2018-05-10
	Montréal, Canada	2018-05-10
	Canada	2018-05-10
	Stellarton, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Lake Mary, Florida, US	2018-05-10
	HAMILTON, Canada	2018-05-10
	US	2018-05-10
	Durango, Colorado, US	2018-05-10
	Canada	2018-05-10
	Colorado Springs, Colorado, US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	UK	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Squamish, Canada	2018-05-10
	US	2018-05-10
	Ontario, Canada	2018-05-10
	Sydney, Canada	2018-05-10
	New Hamburg, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Palo Alto, California, US	2018-05-10
	Canada	2018-05-10
	Edmonton, Canada	2018-05-10
	Trail, Canada	2018-05-10
	US	2018-05-10
	Weyburn, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Collingwood, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Edmonton, Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Lloydminster, Canada	2018-05-10
	US	2018-05-10
	Summerside, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Toronto, Canada	2018-05-10
	US	2018-05-10
	Westland, Michigan, US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Townsend, Massachusetts, US	2018-05-10
	Millbrook, Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	Rossland, Canada	2018-05-10
	Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Gatineau, Canada	2018-05-10
	Stellarton, Canada	2018-05-10
	RR2 Staffa, Canada	2018-05-10
	Canada	2018-05-10
	Surrey, Canada	2018-05-10
	Lake Villa, Illinois, US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Brooklyn, Connecticut, US	2018-05-10
	Canada	2018-05-10
	Strathmore, Canada	2018-05-10
	Kamloops, BC, Canada	2018-05-10
	Comox, Canada	2018-05-10
	Dartmouth, Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	White Rock, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	High River, Canada	2018-05-10
	Burnaby, Canada	2018-05-10
	Ajax, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Toronto, Canada	2018-05-10
	Canada	2018-05-10
	Montreal, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Kelowna, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Burlington, Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Thornhill, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Bow Island, Canada	2018-05-10
	Canada	2018-05-10
	Montreal, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	victoria, Canada	2018-05-10
	New Westminster, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Port Caledonia, Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Victoria, BC, Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	US	2018-05-10
	Millville, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Edmonton, Canada	2018-05-10
	Vancouver, Canada	2018-05-10
	Fort Saint John, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Highland Park, New Jersey, US	2018-05-10
	Kitchener, Canada	2018-05-10
	Libertyville, Illinois, US	2018-05-10
	Mississauga, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Vancouver, Canada	2018-05-10
	Victoria Harbour, Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Sundridge, Canada	2018-05-10
	UK	2018-05-10



Name	Location	Date
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Fernie, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Campbell River, BC, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Stevensville on., Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Dryden, Canada	2018-05-10
	Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Maple Ridge, Canada	2018-05-10
	Thornhill, Canada	2018-05-10
	Burnaby, Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Richmond, Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	White Rock, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Vancouver, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10

Name	Location	Date
	UK	2018-05-10
	Stoney Creek, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	montreal, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	York, England, UK	2018-05-10
	UK	2018-05-10
	Victoria, Canada	2018-05-10
	Calgary, Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Langley, Canada	2018-05-10
	North Vancouver, Canada	2018-05-10
	Constanta, Romania	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Qualicum Beach, Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Toronto, Canada	2018-05-10
	kitchener, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Caledonia, Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Blakelands, England, UK	2018-05-10
	Hanwell, Canada	2018-05-10

Name	Location	Date
	UK	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Victoria, B. C., Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Dartmouth, Canada	2018-05-10
	UK	2018-05-10
	Hope Town, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Halifax, Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Antigonish, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Leyton, England, UK	2018-05-10
	Halifax, Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Dartmouth N.S., Canada	2018-05-10
	Antigonish, Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	Oakville, Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Montreal, Canada	2018-05-10
	UK	2018-05-10
	Toronto, Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	RR # 1 New Glasgow, N.S., Canada	2018-05-10
	Canada	2018-05-10
	Embrun, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Halifax, Canada	2018-05-10
	Dartmouth, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Canso, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Polska, Poland	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Toronto, Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-10
	Canada	2018-05-10
	Dundas, Canada	2018-05-10
	Katy, Texas, US	2018-05-10
	Canada	2018-05-10
	Scotsburn, Canada	2018-05-10
	Barrie, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Etobicoke, Canada	2018-05-10
	Bolton, Canada	2018-05-10
	UK	2018-05-10
	Calgary, Canada	2018-05-10
	Halifax, Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Battersea, Canada	2018-05-10
	Toronto, Canada	2018-05-10



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Montreal, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Denver, Colorado, US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Uxbridge, England, UK	2018-05-10
	Canada	2018-05-10
	Pictou, Canada	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Kentville, Nova Scotia, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Kingston, Ontario, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Regina, Canada	2018-05-10
	Grovedale, Canada	2018-05-10
	Canada	2018-05-10
	Germany	2018-05-10
	las vegas, Nevada, US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10

Name	Location	Date
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Chatham, England, UK	2018-05-10
	Niagara Falls, Canada	2018-05-10
	Canada	2018-05-10
	Antigonish, Canada	2018-05-10
	Canada	2018-05-10
	Munster, Canada	2018-05-10
	New glasgow, Canada	2018-05-10
	Canada	2018-05-10
	Shelburne, Nova Scotia, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	Market Rasen, England, UK	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Dartmouth, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Scarborough, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Shelburne, Canada	2018-05-10
	Campbell River, Canada	2018-05-10
	Canada	2018-05-10
	Calgary, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Canada	2018-05-10
	Toronto, Canada	2018-05-10

Name	Location	Date
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Winnipeg, Canada	2018-05-10
	Lytton, Canada	2018-05-10
	Jamaica, New York, US	2018-05-10
	Canada	2018-05-10
	Winnipeg, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Port Elgin, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Nelson, Canada	2018-05-10
	Vancouver, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Barrie, Canada	2018-05-10
	US	2018-05-10
	Toronto, Canada	2018-05-10
	UK	2018-05-10

Name	Location	Date
	US	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Hamilton, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Toronto, Canada	2018-05-10
	Stellarton, Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Vancouver, Canada	2018-05-10
	Roberts Creek, Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	NEPEAN, ON, Canada	2018-05-10
	Canada	2018-05-10
	Woodstock, Canada	2018-05-10
	Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	Canada	2018-05-10
	Port Moody, Canada	2018-05-10
	grafton, Canada	2018-05-10
	Canada	2018-05-10
	Saint-charles-borromée, Canada	2018-05-10
	Surrey, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Montréal, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Keswick, Canada	2018-05-10
	Canada	2018-05-10
	Burnaby, Canada	2018-05-10
	Winnipeg, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Blind Bay, Canada	2018-05-10
	US	2018-05-10
	Cornwall ,PE, Canada	2018-05-10



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	delta, bc, Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Sainte Anne DE Bellevue, Canada	2018-05-10
	Canada	2018-05-10
	Victoria, Canada	2018-05-10
	Edmonton, Canada	2018-05-10
	US	2018-05-10
	Upper Northfield, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Tweed, Canada	2018-05-10
	Canada	2018-05-10
	Mission BC, Canada	2018-05-10

Name	Location	Date
	White Rock, Canada	2018-05-10
	Canada	2018-05-10
	Summerside, Canada	2018-05-10
	Canada	2018-05-10
	Powell River, Canada	2018-05-10
	Canada	2018-05-10
	Brentwood Bay, Canada	2018-05-10
	Lethbridge, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	France	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Windsor, Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10

Name	Location	Date
	US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Sydney, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Toronto, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Barrie, Canada	2018-05-10
	Sackville, Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Winnipeg, Canada	2018-05-10
	UK	2018-05-10
	Edmonton, Canada	2018-05-10
	Bracebridge, Canada	2018-05-10
	Oshawa, Canada	2018-05-10

Name	Location	Date
	UK	2018-05-10
	Toronto, Canada	2018-05-10
	Canada	2018-05-10
	Niagara Falls, Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Mobile, Alabama, US	2018-05-10
	Bras d'Or N.S., Canada	2018-05-10
	Okotoks, Canada	2018-05-10
	Truro, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Milton, Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	US	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	Hamilton, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Pictou, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Saint Thomas, Canada	2018-05-10
	Gernsbach, Germany	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Richmond, Canada	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Victoria, Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10

Name	Location	Date
	UK	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	MONTREAL, Canada	2018-05-10
	US	2018-05-10
	Halifax, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Halifax, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Belcarra, Canada	2018-05-10
	Bruxelles (NoH), Belgium	2018-05-10
	Pictou, Canada	2018-05-10

Name	Location	Date
	UK	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	Roberts Creek B.C., Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Brampton, Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Bathurst, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Gatineau, Canada	2018-05-10
	Anon, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Cloverdale, BC, Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Millcove, PEI, Canada	2018-05-10
	Powell River, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Israel	2018-05-10
	UK	2018-05-10
	Delta, Canada	2018-05-10
	Canada	2018-05-10
	Gatineau, Canada	2018-05-10
	Canada	2018-05-10
	Saskatoon, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Middle Sackville, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10



Name	Location	Date
	Dartmouth, Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	Lubbock, Texas, US	2018-05-10
	Nelson, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Elgin, Canada	2018-05-10
	Canada	2018-05-10
	Toronto, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-10
	Montreal, Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Brantford, Canada	2018-05-10
	Canada	2018-05-10
	Pictou, Canada	2018-05-10
	Saint-Basile-le-Grand, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Summerside, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Newmarket, Canada	2018-05-10
	Scotsburn, N.S., Canada	2018-05-10
	Winnipeg, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Leamington, Canada	2018-05-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Monks Head, Canada	2018-05-10
	Canada	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	Sydney, Canada	2018-05-10
	Canada	2018-05-10
	Mississauga, Canada	2018-05-10
	UK	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	US	2018-05-10
	US	2018-05-10
	UK	2018-05-10
	US	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Vancouver, Canada	2018-05-10
	Canada	2018-05-10
	Salt Spring Island, Canada	2018-05-10

Name	Location	Date
	Canada	2018-05-10
	Canada	2018-05-10
	Roberts Creek, Canada	2018-05-10
	Barrie, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Pictou, Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10
	New Glasgow, Canada	2018-05-10
	US	2018-05-10
	Canada	2018-05-10
	Canada	2018-05-10

Name	Location	Date
	Stellarton, Canada	2018-05-10
	Canada	2018-05-10
	Ottawa, Canada	2018-05-10
	Scotsburn, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Abbotsford, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Halifax, Canada	2018-05-11
	Gore, Canada	2018-05-11
	Eel Ground, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	US	2018-05-11
	River john, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Salt Springs, Canada	2018-05-11
	Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Londonderry, Canada	2018-05-11
	Lower Sackville, Canada	2018-05-11
	Canada	2018-05-11
	Midhurst, Canada	2018-05-11
	Canada	2018-05-11
	New Glasgow, Canada	2018-05-11
	Canada	2018-05-11
	Duncan, Canada	2018-05-11
	Oakville, Canada	2018-05-11
	Canada	2018-05-11
	Lantzville, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	US	2018-05-11
	Roxboro, Canada	2018-05-11
	US	2018-05-11
	Vancouver, Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2018-05-11
	Canada	2018-05-11
	Wellesley, Canada	2018-05-11
	US	2018-05-11
	Charlottetown, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Toronto, Canada	2018-05-11
	Toronto, Canada	2018-05-11
	Nanaimo, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Digby, Canada	2018-05-11
	US	2018-05-11
	Vancouver, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Ottawa, Canada	2018-05-11
	Canada	2018-05-11

Name	Location	Date
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Stellarton, Canada	2018-05-11
	Pointe-Claire, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Stratford, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Beaverton, Oregon, US	2018-05-11
	Boutilliers Point, Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Lethbridge, Canada	2018-05-11
	Canada	2018-05-11



Name	Location	Date
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Victoria, Canada	2018-05-11
	Canada	2018-05-11
	Montréal, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Charlottetown, Canada	2018-05-11
	Halifax, Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	US	2018-05-11

Name	Location	Date
	US	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	napanee, Canada	2018-05-11
	Canada	2018-05-11
	Gabriola, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Victoria, Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11

Name	Location	Date
	ada	2018-05-11
		2018-05-11
	nipeg, Canada	2018-05-11
	ada	2018-05-11
	ada	2018-05-11
	ada	2018-05-11
		2018-05-11
	ada	2018-05-11
	ada	2018-05-11
	ada	2018-05-11
		2018-05-11
		2018-05-11
	ada	2018-05-11
	ra, Canada	2018-05-11
	ada	2018-05-11
		2018-05-11
		2018-05-11
	ada	2018-05-11
		2018-05-11
		2018-05-11
	ada	2018-05-11
		2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-11
	Canada	2018-05-11
	Kitchener, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	New Glasgow, Canada	2018-05-11
	Canada	2018-05-11
	London, Canada	2018-05-11
	Toronto, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Bath, England, UK	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ghana	2018-05-11
	Ottawa, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Enderby, Canada	2018-05-11
	Sandton, South Africa	2018-05-11
	Canada	2018-05-11
	Cambridge, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	Stockholm, Sweden	2018-05-11
	Montréal, Canada	2018-05-11

Name	Location	Date
	Mâcon, France	2018-05-11
	Canada	2018-05-11
	Durham, UK	2018-05-11
	Bridgewater, Canada	2018-05-11
	Surrey, Canada	2018-05-11
	Hot Springs Village, Arkansas, US	2018-05-11
	Pictou, Canada	2018-05-11
	Burnley, England, UK	2018-05-11
	Beckenham, England, UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	Lower Sackville, Canada	2018-05-11
	Orr Lake, Canada	2018-05-11
	US	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	Halifax, Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2018-05-11
	Halifax, Canada	2018-05-11
	Stellarton, Canada	2018-05-11
	Canada	2018-05-11
	Sudbury, Canada	2018-05-11
	New Waterford, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	New Glasgow, Canada	2018-05-11
	Laguna Woods, California, US	2018-05-11
	Joliet, Illinois, US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Baden, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Scotsburn, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11

Name	Location	Date
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Windsor, Canada	2018-05-11
	Canada	2018-05-11
	North Myrtle Beach, South Carolina, US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11





Name	Location	Date
	Saltcoats, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Toronto, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Montreal, Canada	2018-05-11
	Canada	2018-05-11
	Pictou,N.S., Canada	2018-05-11
	Canada	2018-05-11
	Vancouver, Canada	2018-05-11
	UK	2018-05-11
	Winnipeg, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Shubenacadie, Canada	2018-05-11
	Toronto, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	London, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Liverpool, UK	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	Braga, Rhode Island, US	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	Charlottetown, Canada	2018-05-11
	Westville, Canada	2018-05-11
	Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	New Hamburg, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Whitby, Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11





Name	Location	Date
	Little Fort, Canada	2018-05-11
	Amaranth, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Toronto, Canada	2018-05-11
	Canada	2018-05-11
	Wadena, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Welland, Canada	2018-05-11
	UK	2018-05-11

Name	Location	Date
	UK	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Mount Albert, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Langley, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	London, Canada	2018-05-11
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	Trenton, Canada	2018-05-11
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	Canada	2018-05-11



Name	Location	Date
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	US	2018-05-11
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	Canada	2018-05-11
	Hillsborough, Canada	2018-05-11
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Name	Location	Date
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	Canada	2018-05-11
	Toronto, Canada	2018-05-11
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	UK	2018-05-11
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	US	2018-05-11
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	Canada	2018-05-11
	Tofino, Canada	2018-05-11
	US	2018-05-11
	UK	2018-05-11
	US	2018-05-11
	Whitehorse, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Dingwall, Canada	2018-05-11



<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Canada	2018-05-11
	Canada	2018-05-11
	Ottawa, Canada	2018-05-11
	New Glasgow, Canada	2018-05-11
	Canada	2018-05-11
	Calgary, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Waterloo, Canada	2018-05-11
	Vancouver, Canada	2018-05-11
	Canada	2018-05-11
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	Canada	2018-05-11
	Canada	2018-05-11
	Binbrook, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-11
	Canada	2018-05-11
	Princeton, Canada	2018-05-11
	Halifax, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Isaacs Harbour, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
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	Canada	2018-05-11
	Winnipeg, Canada	2018-05-11
	Winnipeg, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Finland	2018-05-11
	Canada	2018-05-11
	Courtenay, Canada	2018-05-11
	Canada	2018-05-11
	Nanaimo, Canada	2018-05-11
	Canada	2018-05-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-11
	Brampton, Canada	2018-05-11
	Montreal, Canada	2018-05-11
	US	2018-05-11
	UK	2018-05-11
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	newmarket, Canada	2018-05-11
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	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Consecon, Canada	2018-05-11
	Roxton Pond, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11

Name	Location	Date
	Toronto, Canada	2018-05-11
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	Ladysmith, BC, Canada	2018-05-11
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Name	Location	Date
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	Canada	2018-05-11
	Kelowna, Canada	2018-05-11
	Canada	2018-05-11
	Winnipeg, Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Sydney, Canada	2018-05-11
	Quispamsis, Canada	2018-05-11
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	Canada	2018-05-11
	Canada	2018-05-11
	Beaconsfield, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Ottawa, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	Canada	2018-05-11



Name	Location	Date
	Canada	2018-05-11
	Kitchener, Canada	2018-05-11
	Canada	2018-05-11
	Edmonton, Canada	2018-05-11
	medfield, Massachusetts, US	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Ottawa, Canada	2018-05-11
	Denman Island, Canada	2018-05-11
	Surrey, Canada	2018-05-11
	Canada	2018-05-11
	Salt Springs, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	US	2018-05-11
	Canada	2018-05-11
	Castlegar, Canada	2018-05-11
	UK	2018-05-11
	UK	2018-05-11

Name	Location	Date
	Canada	2018-05-11
	Ajax, Canada	2018-05-11
	Halifax, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	Kelowna, Canada	2018-05-11
	Oromocto, Canada	2018-05-11
	Sherbrooke, Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	UK	2018-05-11
	US	2018-05-11
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	White Rock, Canada	2018-05-11
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Name	Location	Date
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	Canada	2018-05-11
	Etobicoke, Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11
	Canada	2018-05-11

Name	Location	Date
	Montague, Canada	2018-05-11
	US	2018-05-11
	New Glasgow, Canada	2018-05-11
	L'Hospitalet, Spain	2018-05-11
	Canada	2018-05-11
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	Canada	2018-05-11
	Canada	2018-05-11
	San Juan, Argentina	2018-05-11
	New Glasgow, Canada	2018-05-11
	Canada	2018-05-11
	US	2018-05-11
	US	2018-05-11
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	Canada	2018-05-11
	Canada	2018-05-11
	UK	2018-05-11
	River Denys, Canada	2018-05-11
	US	2018-05-11
	Tampa, Florida, US	2018-05-11
	UK	2018-05-11

Name	Location	Date
	US	2018-05-11
	UK	2018-05-11
	Halifax, Canada	2018-05-11
	Ajax, Canada	2018-05-11
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<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Caledon, Canada	2018-05-12
	Canada	2018-05-12
	Vancouver, Canada	2018-05-12
	Canada	2018-05-12
	Toronto, Canada	2018-05-12
	Canada	2018-05-12
	Athens, Canada	2018-05-12
	Little Harbour, Canada	2018-05-12
	US	2018-05-12
	US	2018-05-12
	Charlottetown, Canada	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
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	Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Brampton, Canada	2018-05-12



Name	Location	Date
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	Canada	2018-05-12
	Ottawa, Canada	2018-05-12
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	Canada	2018-05-12



Name	Location	Date
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	Skilled, Canada	2018-05-12
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	Duncan, Canada	2018-05-12
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	UK	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
	US	2018-05-12

Name	Location	Date
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	Canada	2018-05-12
	Prineville, Oregon, US	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
	East Saint Paul, Canada	2018-05-12
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	Hammonds plains, Canada	2018-05-12
	Montague, Canada	2018-05-12

Name	Location	Date
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	US	2018-05-12
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	Whistler, Canada	2018-05-12
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	UK	2018-05-12
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	UK	2018-05-12

Name	Location	Date
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	Charlottetown, Canada	2018-05-12
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	Canso, Canada	2018-05-12
	Canada	2018-05-12
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	Australia	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12

Name	Location	Date
	Ottawa, Canada	2018-05-12
	Canso, Canada	2018-05-12
	Vaughan, Canada	2018-05-12
	Canada	2018-05-12
	Halifax, Canada	2018-05-12
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	Canada	2018-05-12
	Canada	2018-05-12
	pictou, Canada	2018-05-12
	Canada	2018-05-12
	Brampton, Canada	2018-05-12
	Stittsville on, Canada	2018-05-12
	Mermaid, Canada	2018-05-12
	Canada	2018-05-12
	Nobleton, Canada	2018-05-12
	Canada	2018-05-12
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	Canada	2018-05-12
	Canada	2018-05-12
	Salt Springs, Canada	2018-05-12
	Amherst Shore, Canada	2018-05-12
	Canada	2018-05-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Canada	2018-05-12
	Vaughan, Canada	2018-05-12
	UK	2018-05-12
	US	2018-05-12
	US	2018-05-12
	UK	2018-05-12
	UK	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
	UK	2018-05-12
	US	2018-05-12
	Toronto, Canada	2018-05-12
	Napanee, Canada	2018-05-12
	Canada	2018-05-12
	Brockville, Canada	2018-05-12
	Canada	2018-05-12
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	Canada	2018-05-12
	Charlottetown, Canada	2018-05-12

Name	Location	Date
	UK	2018-05-12
	Canada	2018-05-12
	Orillia, ON, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Montague, Canada	2018-05-12
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	Canada	2018-05-12





Name	Location	Date
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	Portdover, Canada	2018-05-12
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Name	Location	Date
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	Union, New Jersey, US	2018-05-12
	Canada	2018-05-12
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	Canada	2018-05-12
	Aurora, Canada	2018-05-12
	Canada	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Markham, Canada	2018-05-12
	Canada	2018-05-12

Name	Location	Date
	Sudbury, Canada	2018-05-12
	Canada	2018-05-12
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	US	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Whistler, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Plainfield, Indiana, US	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
	US	2018-05-12
	Canada	2018-05-12
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	Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12

Name	Location	Date
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	US	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Devlin, Canada	2018-05-12
	Richmond, Canada	2018-05-12
	Canada	2018-05-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-12
	Canada	2018-05-12
	Taunton, UK	2018-05-12
	UK	2018-05-12
	Canada	2018-05-12
	Dartmouth, Canada	2018-05-12
	Canada	2018-05-12
	UK	2018-05-12
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	Canada	2018-05-12
	Toronto, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Shawnigan Lake, Canada	2018-05-12

Name	Location	Date
	US	2018-05-12
	Canada	2018-05-12
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	Dartmouth, Nova Scotia, Canada	2018-05-12
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	Canada	2018-05-12
	Canada	2018-05-12
	Calgary, Canada	2018-05-12

Name	Location	Date
	Canada	2018-05-12
	Canada	2018-05-12
	UK	2018-05-12
	Canada	2018-05-12
	Halifax, Canada	2018-05-12
	Canada	2018-05-12
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	Calgary, Canada	2018-05-12
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	Canada	2018-05-12
	Hamilton, Canada	2018-05-12
	Canada	2018-05-12
	Abbotsford, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12

Name	Location	Date
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	Stirling, Canada	2018-05-12
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	Mount Forest, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Vancouver, Canada	2018-05-12
	Cranbrook, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Kelowna, Canada	2018-05-12
	Crescent Valley, Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12
	Canada	2018-05-12



<b>Name</b>	<b>Location</b>	<b>Date</b>
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	terence Bay, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	US	2018-05-13



Name	Location	Date
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Calgary, Canada	2018-05-13
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	Canada	2018-05-13
	Canada	2018-05-13
	Tacoma, Washington, US	2018-05-13
	Burnaby, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Kindersley, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Statesville, North Carolina, US	2018-05-13

Name	Location	Date
	Canada	2018-05-13
	Canada	2018-05-13
	Lund, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Ssrsfield, On., Canada	2018-05-13
	Canada	2018-05-13
	Ingersoll, Canada	2018-05-13
	Canada	2018-05-13
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	Canada	2018-05-13
	Canada	2018-05-13
	US	2018-05-13
	US	2018-05-13
	US	2018-05-13
	Courtenay, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13

Name	Location	Date
	UK	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Nanaimo, Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13
	Whistler, Canada	2018-05-13
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	Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13

Name	Location	Date
	UK	2018-05-13
	UK	2018-05-13
	US	2018-05-13
	UK	2018-05-13
	Richmond, Canada	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	Canada	2018-05-13
	Attleborough, England, UK	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	Comox, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	UK	2018-05-13



Name	Location	Date
	Waterford, Canada	2018-05-13
	Canada	2018-05-13
	Pictou, NS, Canada	2018-05-13
	Arlington, Massachusetts, US	2018-05-13
	Canada	2018-05-13
	magland, France	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Breteuil, France	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	cheshire, Connecticut, US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13



Name	Location	Date
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Carignan, Canada	2018-05-13
	Canada	2018-05-13
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	Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13

Name	Location	Date
	Kingston, Ontario, Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	US	2018-05-13
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	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Mississauga, Canada	2018-05-13
	Canada	2018-05-13
	Toronto, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13

Name	Location	Date
	US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Pictuo, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Burlington, Canada	2018-05-13
	Canada	2018-05-13
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	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Airdrie, Canada	2018-05-13



Name	Location	Date
	Canada	2018-05-13
	Canada	2018-05-13
	Kelowna, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
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	UK	2018-05-13
	Canada	2018-05-13
	UK	2018-05-13
	UK	2018-05-13
	CLEARWATER BC, Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	US	2018-05-13
	Toronto, Canada	2018-05-13

Name	Location	Date
	Canada	2018-05-13
	Canada	2018-05-13
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	Canada	2018-05-13
	US	2018-05-13
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	US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13

Name	Location	Date
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Hornby Island, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Waterloo, Canada	2018-05-13
	Winona, Minnesota, US	2018-05-13
	Cleveland, Ohio, US	2018-05-13
	Gainesville, Florida, US	2018-05-13
	Marblehead, Massachusetts, US	2018-05-13
	Littleton, Colorado, US	2018-05-13
	Morehead City, North Carolina, US	2018-05-13
	Canada	2018-05-13
	US	2018-05-13
	Bloomfield, New Jersey, US	2018-05-13
	Millstone, New Jersey, US	2018-05-13
	US	2018-05-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-13
	San Jose, California, US	2018-05-13
	Memphis, Tennessee, US	2018-05-13
	Canada	2018-05-13
	US	2018-05-13
	Canada	2018-05-13
	San Francisco, California, US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Ottawa, Canada	2018-05-13
	North Vancouver, Canada	2018-05-13
	MORRISON, Colorado, US	2018-05-13
	alameda, California, US	2018-05-13
	Calabash, North Carolina, US	2018-05-13
	Durham, North Carolina, US	2018-05-13
	Surrey, Canada	2018-05-13
	Canada	2018-05-13
	Mississauga, Canada	2018-05-13
	Lafayette, California, US	2018-05-13
	Bronx, New York, US	2018-05-13
	BATTLE CREEK, Michigan, US	2018-05-13
	Canada	2018-05-13



<b>Name</b>	<b>Location</b>	<b>Date</b>
	London, England, UK	2018-05-13
	palmdale, California, US	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Edmonton, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Perkins, Oklahoma, US	2018-05-13
	Thunder Bay, Canada	2018-05-13
	State College, Pennsylvania, US	2018-05-13
	Fredericton, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Cochrane, Canada	2018-05-13
	Canada	2018-05-13
	Mohnton, Pennsylvania, US	2018-05-13
	Canada	2018-05-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-13
	Quebec City, Canada	2018-05-13
	Canada	2018-05-13
	Thunder Bay, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Saint Paul, Minnesota, US	2018-05-13
	Edmonton, Canada	2018-05-13
	Canada	2018-05-13
	Greely, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Vancouver, Canada	2018-05-13
	Kouchibouguac, Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Canada	2018-05-13
	Vancouver, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Poughkeepsie, New York, US	2018-05-14
	US	2018-05-14



Name	Location	Date
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Edmonton, Canada	2018-05-14
	Canada	2018-05-14
	Farmingdale, New York, US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Lafayette, California, US	2018-05-14
	Edinburgh, Scotland, UK	2018-05-14
	US	2018-05-14
	US	2018-05-14
	US	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-14
	Canastota, Canada	2018-05-14
	Sault Sainte Marie, Canada	2018-05-14
	Rutland, Vermont, US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Victoria, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Baton Rouge, Louisiana, US	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Salt Lake City, U.S. Outlying Islands	2018-05-14
	US	2018-05-14
	Canada	2018-05-14

Name	Location	Date
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Powell River, Canada	2018-05-14
	Canada	2018-05-14
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	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Australia	2018-05-14
	Germany	2018-05-14
	Montreal, Canada	2018-05-14
	Edmonton, Canada	2018-05-14
	Canada	2018-05-14







Name	Location	Date
	Canada	2018-05-14
	Canada	2018-05-14
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	Canada	2018-05-14
	Canada	2018-05-14
	Lethbridge, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14





Name	Location	Date
	Canada	2018-05-14
	Canada	2018-05-14
	Beaumont, Texas, US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Toronto, Canada	2018-05-14
	Canada	2018-05-14
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	Canada	2018-05-14

Name	Location	Date
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	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Toronto, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Lincoln, Canada	2018-05-14
	Canada	2018-05-14
	Moncton, Canada	2018-05-14
	Overland Park, Kansas, US	2018-05-14
	Canada	2018-05-14

Name	Location	Date
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Port Hope, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	New Haven, Connecticut, US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14



Name	Location	Date
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
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	Canada	2018-05-14
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	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Maple, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Toronto, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14



Name	Location	Date
	Canada	2018-05-14
	Canada	2018-05-14
	Washington, Missouri, US	2018-05-14
	Canada	2018-05-14
	Calumet Island, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Toronto, Canada	2018-05-14
	Oakville, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
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	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14

Name	Location	Date
	Windsor, Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Germany	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Salmon Arm, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Taylorsville, Utah, US	2018-05-14

Name	Location	Date
	Washington, North Carolina, US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Denver, Colorado, US	2018-05-14
	US	2018-05-14
	Dollard-Des Ormeaux, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Manitou Springs, Colorado, US	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Quebec, Canada	2018-05-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Long Eaton, England, UK	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	North York, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Alcove, Canada	2018-05-14
	Oakville, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Denman Island, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Montréal, Canada	2018-05-14
	UK	2018-05-14
	Regina, Canada	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	US	2018-05-14

Name	Location	Date
	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	Canada	2018-05-14
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	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	UK	2018-05-14
	US	2018-05-14
	UK	2018-05-14
	Kingston, Canada	2018-05-14
	Brevard, North Carolina, US	2018-05-14
	UK	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14





<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-14
	Canada	2018-05-14
	Pictou, Canada	2018-05-14
	UK	2018-05-14
	Edmonton, Canada	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Canada	2018-05-14
	US	2018-05-14
	Sydney, Canada	2018-05-14
	Bridgewater, Canada	2018-05-14
	Westville, Canada	2018-05-14
	Truro, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	Halifax, Canada	2018-05-14
	Canada	2018-05-14
	Canada	2018-05-14
	UK	2018-05-14
	Summerside, Canada	2018-05-14
	Canada	2018-05-14





Name	Location	Date
	Havertown, Pennsylvania, US	2018-05-14
	Saskatoon, Canada	2018-05-15
	Canada	2018-05-15
	Ecuador	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Dartmouth, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Indonesia	2018-05-15
	cornwall, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Trenton, Canada	2018-05-15

Name	Location	Date
	Russell, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Halifax, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
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	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Burlington, Canada	2018-05-15
	Canada	2018-05-15
	New Glasgow, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Powell River, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Burlington, Canada	2018-05-15
	Canada	2018-05-15
	US	2018-05-15
	Canada	2018-05-15
	Philippines	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15





Name	Location	Date
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
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	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Prinsenbeek, Netherlands	2018-05-15
	Canada	2018-05-15
	Montréal, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15











Name	Location	Date
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
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	Canada	2018-05-15
	Canada	2018-05-15
	Antigonish, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Mahone Bay, Canada	2018-05-15
	Brampton, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15

Name	Location	Date
	Canada	2018-05-15
	Canada	2018-05-15
	Fort Lauderdale, Florida, US	2018-05-15
	Toronto, Canada	2018-05-15
	Canada	2018-05-15
	Toronto, Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
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	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Canada	2018-05-15
	Belgium	2018-05-15
	Belgium	2018-05-15
	Belgium	2018-05-15
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Name	Location	Date
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<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Surrey, Canada	2018-05-15



Name	Location	Date
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Name	Location	Date
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	Halifax, Canada	2018-05-15
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	Massey Drive, Canada	2018-05-15
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	Halifax, Canada	2018-05-15
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	Corner Brook, Canada	2018-05-15
	Canada	2018-05-15
	St. John's, Canada	2018-05-15
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Name	Location	Date
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Name	Location	Date
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Name	Location	Date
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	chilliwack bc, Canada	2018-05-16
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	Revelstoke, Canada	2018-05-16
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	Washington, District of Columbia, US	2018-05-16
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Name	Location	Date
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Name	Location	Date
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	Toronto, Canada	2018-05-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Toronto, Canada	2018-05-16
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	Orinda, California, US	2018-05-16
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	UK	2018-05-16
	Saint-Cyr-sur-Loire, France	2018-05-16
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Name	Location	Date
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	UK	2018-05-16
	Summerside, Canada	2018-05-16
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	St. John's, Canada	2018-05-16
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	US	2018-05-16
	Corner Brook, Canada	2018-05-16
	Burnaby, Canada	2018-05-16
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	Bowmanville, Canada	2018-05-16
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Name	Location	Date
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	Halifax, Canada	2018-05-16
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Name	Location	Date
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	Saint John, Canada	2018-05-16
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	Oakville, Canada	2018-05-17
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	Manchester, Iowa, US	2018-05-17
	US	2018-05-17
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	Canada	2018-05-17
	Toronto, Canada	2018-05-17

Name	Location	Date
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	Corner Brook, Canada	2018-05-17
	Halifax, Canada	2018-05-17
	St. John's, Canada	2018-05-17
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Name	Location	Date
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	Ajax, Ontario, Canada	2018-05-17
	NewGlasgow, Canada	2018-05-17
	London, Canada	2018-05-17
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<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Lvov, Ukraine	2018-05-17
	Canada	2018-05-17
	UK	2018-05-17
	UK	2018-05-17
	Canada	2018-05-17
	Stockport, England, UK	2018-05-17
	shediac, Canada	2018-05-17
	Lantz, Canada	2018-05-17
	Lantz, Canada	2018-05-17
	Halifax, Canada	2018-05-17
	Canada	2018-05-17

Name	Location	Date
	Canada	2018-05-17
	Beaubassin East, Canada	2018-05-17
	Canada	2018-05-17
	Scotsburn, Canada	2018-05-17
	Halifax, Canada	2018-05-17
	Canada	2018-05-17
	US	2018-05-17
	Canada	2018-05-17
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	Oshawa, Canada	2018-05-17
	Canada	2018-05-17
	Saint-quentin, Canada	2018-05-17
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	Canada	2018-05-17
	Coventry, Rhode Island, US	2018-05-17
	Canada	2018-05-17

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-17
	Delta, Canada	2018-05-17
	US	2018-05-17
	Saint Isidore, Canada	2018-05-17
	Canada	2018-05-17
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	Canada	2018-05-17
	UK	2018-05-17
	Canada	2018-05-17
	Westville, Canada	2018-05-17
	Vancouver, Canada	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	Scotsburn, Canada	2018-05-17
	burlington, Canada	2018-05-17
	Dartmouth, Canada	2018-05-17
	US	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	US	2018-05-17
	US	2018-05-17
	Salt Springs, Canada	2018-05-17

Name	Location	Date
	Canada	2018-05-17
	Canada	2018-05-17
	Halifax, Canada	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	Sunderland, Canada	2018-05-17
	pictou,ns, Canada	2018-05-17
	SIMPSONVILLE, South Carolina, US	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	US	2018-05-17
	District Heights, Delaware, US	2018-05-17
	US	2018-05-17
	Halifax, Canada	2018-05-17
	Canada	2018-05-17
	US	2018-05-17
	US	2018-05-17
	UK	2018-05-17
	US	2018-05-17
	Canada	2018-05-17
	UK	2018-05-17



<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-17
	Dartmouth, Canada	2018-05-17
	Canada	2018-05-17
	UK	2018-05-17
	Liverpool, Canada	2018-05-17
	Woodstock, New York, US	2018-05-17
	New Glasgow, Canada	2018-05-17
	Singapore	2018-05-17
	Canada	2018-05-17
	Toronto, Canada	2018-05-17
	New Waterford, Canada	2018-05-17
	Canada	2018-05-17
	Thunder Bay, Canada	2018-05-17
	Canada	2018-05-17
	Sarnia, Canada	2018-05-17
	US	2018-05-17
	Port Dufferin, Canada	2018-05-17
	Dumfries, Canada	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	Canada	2018-05-17
	US	2018-05-17

Name	Location	Date
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	Canada	2018-05-18
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	US	2018-05-18
	US	2018-05-18
	Canada	2018-05-18
	London, Canada	2018-05-18
	Ottawa, Canada	2018-05-18
	Toronto, Canada	2018-05-18
	US	2018-05-18
	Canada	2018-05-18
	Canada	2018-05-18
	Canada	2018-05-18
	Paterson, New Jersey, US	2018-05-18
	Canada	2018-05-18
	US	2018-05-18
	US	2018-05-18
	Canada	2018-05-18
	Canada	2018-05-18





Name	Location	Date
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	US	2018-05-18
	US	2018-05-18
	Salt Springs, Canada	2018-05-18
	UK	2018-05-18
	Canada	2018-05-18
	UK	2018-05-18
	Tatamagouche, Canada	2018-05-18
	Canada	2018-05-18
	Canada	2018-05-18
	Halifax, Canada	2018-05-18
	Canada	2018-05-18
	Toronto, Canada	2018-05-18
	new glasgow, Canada	2018-05-18

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-18
	Hammonds Plains, Canada	2018-05-18
	UK	2018-05-18
	Canada	2018-05-18
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	Canada	2018-05-18
	Canada	2018-05-18
	Edmonton, Canada	2018-05-18
	Canada	2018-05-18
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	UK	2018-05-18
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	US	2018-05-18
	UK	2018-05-18
	UK	2018-05-18
	UK	2018-05-18
	UK	2018-05-18
	UK	2018-05-18
	Dunrobin, Canada	2018-05-18
	Canada	2018-05-18
	UK	2018-05-18

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Canada	2018-05-18
	Halifax, Canada	2018-05-18
	Canada	2018-05-18
	US	2018-05-18
	US	2018-05-18
	Canada	2018-05-18
	Regina, Canada	2018-05-18
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	Canada	2018-05-18
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	UK	2018-05-18
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	Canada	2018-05-18
	Merigomish, Canada	2018-05-18
	Canada	2018-05-18
	Canada	2018-05-18

Name	Location	Date
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	Etobicoke, Canada	2018-05-18
	Canada	2018-05-18
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	Kitchener, Canada	2018-05-18
	UK	2018-05-19
	Fall River, Canada	2018-05-19
	Canada	2018-05-19
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	Canada	2018-05-19





Name	Location	Date
	UK	2018-05-19
	UK	2018-05-19
	Dartmouth, Canada	2018-05-19
	Bolton, Canada	2018-05-19
	Canada	2018-05-19
	UK	2018-05-19
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	Canada	2018-05-19
	Canada	2018-05-19
	Halifax, Canada	2018-05-19
	UK	2018-05-19
	Canada	2018-05-19
	Canada	2018-05-19
	Mount Pearl, Canada	2018-05-19
	Canada	2018-05-19
	Canada	2018-05-19
	Salmo, Canada	2018-05-19
	Tottenham, Canada	2018-05-19
	Canada	2018-05-19
	Hong Kong	2018-05-19

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	US	2018-05-19
	US	2018-05-19
	Regina, Canada	2018-05-19
	aleza lake bc, Canada	2018-05-19
	Calgary, Canada	2018-05-19
	US	2018-05-19
	US	2018-05-19
	US	2018-05-19
	Mexico	2018-05-19
	Canada	2018-05-19
	Canada	2018-05-19
	Canada	2018-05-19
	US	2018-05-19
	UK	2018-05-19
	US	2018-05-19
	Saint-quentin, Canada	2018-05-19
	Dacula, Georgia, US	2018-05-19
	Canada	2018-05-19
	Lion's Head, Canada	2018-05-19

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-19
	Brampton, Canada	2018-05-19
	Newmarket, Canada	2018-05-19
	Coquitlam, Canada	2018-05-19
	US	2018-05-19
	Canada	2018-05-19
	St. Thomas, Canada	2018-05-19
	UK	2018-05-19
	UK	2018-05-19
	Slovenia	2018-05-19
	Canada	2018-05-19
	Calgary, Canada	2018-05-19
	US	2018-05-19
	Tiny, Canada	2018-05-19
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	Canada	2018-05-20
	UK	2018-05-20
	Canada	2018-05-20
	Canada	2018-05-20
	US	2018-05-20
	Vernon, Canada	2018-05-20
	UK	2018-05-20

Name	Location	Date
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	US	2018-05-20
	US	2018-05-20
	US	2018-05-20
	US	2018-05-20
	Canada	2018-05-20
	Canada	2018-05-20
	UK	2018-05-20
	Nanaimo, Canada	2018-05-20
	Canada	2018-05-20
	UK	2018-05-20
	US	2018-05-20
	Athens, Greece	2018-05-20
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	Creemore, Canada	2018-05-20

Name	Location	Date
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	Collingwood, Canada	2018-05-20
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	Canada	2018-05-20
	UK	2018-05-20
	Leeds, England, UK	2018-05-20
	US	2018-05-20
	New Glasgow, Canada	2018-05-20
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Name	Location	Date
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	Calgary, Canada	2018-05-20
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	UK	2018-05-20
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	US	2018-05-20
	Canada	2018-05-20
	Watchet, England, UK	2018-05-20

Name	Location	Date
	Canada	2018-05-20
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	Bonshaw, PEI, Canada	2018-05-20
	Moncton, Canada	2018-05-20
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	US	2018-05-20
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	UK	2018-05-20
	US	2018-05-20
	US	2018-05-20



Name	Location	Date
	Canada	2018-05-20
	Toronto, Canada	2018-05-20
	UK	2018-05-20
	US	2018-05-20
	Canoe Cove, Canada	2018-05-20
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	UK	2018-05-20
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	Canada	2018-05-20
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	US	2018-05-20
	Canada	2018-05-20
	Kensington, Canada	2018-05-20
	US	2018-05-20

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Cornwall, Canada	2018-05-20
	Surrey, Canada	2018-05-20
	Canada	2018-05-20
	Australia	2018-05-20
	Charlottetown, Canada	2018-05-20
	Englewood, Florida, US	2018-05-20
	US	2018-05-20
	US	2018-05-20
	Canada	2018-05-20
	UK	2018-05-20
	US	2018-05-20
	Canada	2018-05-20
	Ottawa, Canada	2018-05-20
	Burkina Faso	2018-05-20
	Canada	2018-05-20
	Edmonton, Canada	2018-05-20
	Charlottetown, Canada	2018-05-20
	Charlottetown, Canada	2018-05-20
	UK	2018-05-20
	Canada	2018-05-20
	Sterling, Virginia, US	2018-05-20
	Netherlands	2018-05-20

Name	Location	Date
	US	2018-05-20
	UK	2018-05-20
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	UK	2018-05-20
	Netherlands	2018-05-20
	Canada	2018-05-20
	Montréal, Canada	2018-05-20
	Canada	2018-05-20
	Umeå, Sweden	2018-05-21
	UK	2018-05-21
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	US	2018-05-21
	Canada	2018-05-21
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	US	2018-05-21
	US	2018-05-21
	Canada	2018-05-21
	Lethbridge, Canada	2018-05-21
	UK	2018-05-21
	Canada	2018-05-21
	Canada	2018-05-21

Name	Location	Date
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	Guatemala, Guatemala	2018-05-21
	Canada	2018-05-21
	UK	2018-05-21
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	Canada	2018-05-21
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	Fredericton, Canada	2018-05-21
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	St-Ignace, Canada	2018-05-21
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Name	Location	Date
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	UK	2018-05-21
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	Canada	2018-05-21
	Toronto, Canada	2018-05-21
	UK	2018-05-21
	US	2018-05-21
	Oldbury, England, UK	2018-05-21
	Canada	2018-05-21
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	Canada	2018-05-21

Name	Location	Date
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	US	2018-05-21
	Canada	2018-05-21
	Canada	2018-05-21
	Charlottetown, Canada	2018-05-21
	Canada	2018-05-21
	Summerside, Canada	2018-05-21
	Vancouver, Canada	2018-05-22
	Canada	2018-05-22
	US	2018-05-22
	US	2018-05-22
	US	2018-05-22

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-22
	Canada	2018-05-22
	Costa Rica	2018-05-22
	Canada	2018-05-22
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	Canada	2018-05-22
	Canada	2018-05-22
	US	2018-05-22
	Gibsons, Canada	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-22
	Penticton, Canada	2018-05-22
	US	2018-05-22
	US	2018-05-22
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	UK	2018-05-22
	US	2018-05-22
	Canada	2018-05-22

Name	Location	Date
	Toronto, Canada	2018-05-22
	Nanaimo, Canada	2018-05-22
	UK	2018-05-22
	UK	2018-05-22
	UK	2018-05-22
	Tunisia	2018-05-22
	UK	2018-05-22
	Dartmouth, Canada	2018-05-22
	Australia	2018-05-22
	pictou, Canada	2018-05-22
	UK	2018-05-22
	UK	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-22
	US	2018-05-22
	Ottawa, Canada	2018-05-22
	UK	2018-05-22
	Canada	2018-05-22
	UK	2018-05-22
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	UK	2018-05-22



Name	Location	Date
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	US	2018-05-22
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	UK	2018-05-22
	Los Angeles, California, US	2018-05-22
	UK	2018-05-22
	US	2018-05-22
	UK	2018-05-22
	Canada	2018-05-22
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	US	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-22
	US	2018-05-22

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-05-22
	Canada	2018-05-22
	Dartmouth, Canada	2018-05-22
	Canada	2018-05-22
	US	2018-05-22
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	UK	2018-05-22
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	Formby, England, UK	2018-05-22
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	UK	2018-05-22
	Canada	2018-05-22
	Laval, Canada	2018-05-22

Name	Location	Date
	Hamilton, Canada	2018-05-22
	HALIFAX, Canada	2018-05-22
	Canada	2018-05-22
	Hammonds Plains, Canada	2018-05-22
	US	2018-05-22
	Toronto, Canada	2018-05-22
	UK	2018-05-22
	Germany	2018-05-22
	Hamilton, Canada	2018-05-22
	Toronto, Canada	2018-05-22
	US	2018-05-22
	Canada	2018-05-22
	US	2018-05-22
	Canada	2018-05-22
	Langley, Canada	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-22
	Sturgis, Michigan, US	2018-05-22
	Brazil	2018-05-22
	Portage, Michigan, US	2018-05-22
	Halifax, Canada	2018-05-22
	Ottawa, Canada	2018-05-22

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-22
	UK	2018-05-22
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	US	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-22
	Memphis, Tennessee, US	2018-05-22
	UK	2018-05-22
	Ingersoll, Canada	2018-05-22
	UK	2018-05-22
	Mabou, Canada	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-22
	Canada	2018-05-23
	US	2018-05-23
	Antigonish, Canada	2018-05-23
	Canada	2018-05-23
	Canada	2018-05-23



Name	Location	Date
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	Westmount, Canada	2018-05-23
	Canada	2018-05-23

Name	Location	Date
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	Grenada	2018-05-23
	Canada	2018-05-23

Name	Location	Date
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	Levis, Canada	2018-05-23
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	Canada	2018-05-23







Name	Location	Date
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	Canada	2018-05-23
	Canada	2018-05-23
	Ajax, Canada	2018-05-23
	Saint Catharines, Canada	2018-05-23
	US	2018-05-23
	Canada	2018-05-23
	Canada	2018-05-23
	Canada	2018-05-23

Name	Location	Date
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	Canada	2018-05-23
	Canada	2018-05-23
	UK	2018-05-23





Name	Location	Date
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	Canada	2018-05-24
	Canada	2018-05-24
	US	2018-05-24
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	US	2018-05-24
	US	2018-05-24
	New Westminster, Canada	2018-05-24
	Canada	2018-05-24
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	Canada	2018-05-24
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	Canada	2018-05-24
	Canada	2018-05-24

Name	Location	Date
	US	2018-05-24
	Canada	2018-05-24
	US	2018-05-24
	Richmond, Canada	2018-05-24
	India	2018-05-24
	UK	2018-05-24
	Canada	2018-05-24
	US	2018-05-24
	Canada	2018-05-24
	Canada	2018-05-24
	Rochester, New York, US	2018-05-24
	UK	2018-05-24
	US	2018-05-24
	Canada	2018-05-24
	Canada	2018-05-24
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	Canada	2018-05-24
	US	2018-05-24



Name	Location	Date
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	Canada	2018-05-24

Name	Location	Date
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	Canada	2018-05-24
	Canada	2018-05-24
	UK	2018-05-24
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	Canada	2018-05-24
	Kimberley, Canada	2018-05-24
	UK	2018-05-24
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	US	2018-05-24
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Name	Location	Date
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	Canada	2018-05-25
	UK	2018-05-25
	UK	2018-05-25
	UK	2018-05-25
	Oshawa, Canada	2018-05-25
	UK	2018-05-25
	Canada	2018-05-25
	UK	2018-05-25
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	UK	2018-05-25
	Canada	2018-05-25
	US	2018-05-25
	Canada	2018-05-25

Name	Location	Date
	Canada	2018-05-25
	Sydney, Canada	2018-05-25
	Saltsprings, pictou county, Canada	2018-05-25
	Buena Vista, Virginia, US	2018-05-25
	Pictou, Canada	2018-05-25
	Pictou, Canada	2018-05-25
	Edmonton, Canada	2018-05-25
	Westlock, Canada	2018-05-25
	Canada	2018-05-25
	Taiwan	2018-05-25
	US	2018-05-25
	Canada	2018-05-25
	Lower Sackville, Canada	2018-05-25
	Canada	2018-05-25
	Tempe, Arizona, US	2018-05-25
	Charlottetown, Canada	2018-05-25
	West River Station, Canada	2018-05-25
	Canada	2018-05-25
	Iraq	2018-05-25
	Edmonton, Canada	2018-05-25
	Westville, Canada	2018-05-25
	US	2018-05-25

Name	Location	Date
	Skutvik, Norway	2018-05-25
	New Westminster, Canada	2018-05-25
	London, UK	2018-05-25
	North Saanich, BC, Canada	2018-05-25
	UK	2018-05-25
	Westville, Canada	2018-05-25
	Pictou, Canada	2018-05-25
	Coquitlam, Canada	2018-05-26
	Canada	2018-05-26
	US	2018-05-26
	West Kelowna, Canada	2018-05-26
	US	2018-05-26
	US	2018-05-26
	Canada	2018-05-26
	Canada	2018-05-26
	Nanaimo, Canada	2018-05-26
	Canada	2018-05-26
	US	2018-05-26
	UK	2018-05-26
	Toronto, Canada	2018-05-26
	Canada	2018-05-26
	Knoxville, Tennessee, US	2018-05-26

<b>Name</b>	<b>Location</b>	<b>Date</b>
	New Waterford, Canada	2018-05-26
	US	2018-05-26
	US	2018-05-26
	Canada	2018-05-26
	Edmonton, Canada	2018-05-26
	Canada	2018-05-26
	Panama	2018-05-26
	US	2018-05-26
	Canada	2018-05-26
	Canada	2018-05-26
	Laval, Canada	2018-05-26
	Canada	2018-05-26
	Canada	2018-05-26
	Iran	2018-05-26
	US	2018-05-26
	Canada	2018-05-26
	US	2018-05-27
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	Canada	2018-05-27
	US	2018-05-27
	Canada	2018-05-27
	Canada	2018-05-27

Name	Location	Date
	Lower Sackville, Canada	2018-05-27
	US	2018-05-27
	Canada	2018-05-27
	Canada	2018-05-27
	US	2018-05-27
	UK	2018-05-27
	UK	2018-05-27
	Malaysia	2018-05-27
	Canada	2018-05-27
	UK	2018-05-27
	Canada	2018-05-27
	Spain	2018-05-27
	New Glasgow, Canada	2018-05-27
	Toronto, Canada	2018-05-27
	UK	2018-05-27
	US	2018-05-27
	US	2018-05-27
	UK	2018-05-27
	UK	2018-05-27
	US	2018-05-27
	Ottawa, Canada	2018-05-27
	Canada	2018-05-27

Name	Location	Date
	Canada	2018-05-27
	UK	2018-05-27
	Canada	2018-05-27
	US	2018-05-27
	Taiwan	2018-05-27
	Canada	2018-05-27
	Canada	2018-05-27
	NOTL, Canada	2018-05-27
	US	2018-05-27
	Canada	2018-05-27
	US	2018-05-27
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	Canada	2018-05-27
	US	2018-05-27
	UK	2018-05-27



Name	Location	Date
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	UK	2018-05-27
	US	2018-05-27
	UK	2018-05-27
	UK	2018-05-27
	US	2018-05-27
	UK	2018-05-27
	UK	2018-05-27
	Squamish, Canada	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	US	2018-05-28
	North York, Canada	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	Hong Kong	2018-05-28
	Saskatoon, Canada	2018-05-28
	US	2018-05-28
	UK	2018-05-28
	El Salvador	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-28
	Belgium	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
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	Edmonton, Canada	2018-05-28
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	Toronto, Canada	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	Plymouth, Massachusetts, US	2018-05-28
	Canada	2018-05-28
	Canada	2018-05-28
	Elora, Canada	2018-05-28
	UK	2018-05-28



Name	Location	Date
	US	2018-05-29
	Canada	2018-05-29
	US	2018-05-29
	Toronto, Canada	2018-05-29
	US	2018-05-29
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	Canada	2018-05-29
	Canada	2018-05-29
	Canada	2018-05-29
	US	2018-05-29
	Berkley, Michigan, US	2018-05-29
	Canada	2018-05-29
	Canada	2018-05-29
	UK	2018-05-29
	Canada	2018-05-29

Name	Location	Date
	Secaucus, New Jersey, US	2018-05-29
	Pictou, Canada	2018-05-29
	Halifax, Canada	2018-05-29
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	Pictou, Canada	2018-05-30
	Canada	2018-05-30
	Saint Louis, Missouri, US	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	Bellingham, Washington, US	2018-05-30
	US	2018-05-30

Name	Location	Date
	US	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	River John, Canada	2018-05-30
	US	2018-05-30
	US	2018-05-30
	Pictou, Canada	2018-05-30
	Halifax, Canada	2018-05-30
	US	2018-05-30
	Dartmouth, Canada	2018-05-30
	Dartmouth, Canada	2018-05-30
	Toronto, Canada	2018-05-30
	Amherst, Canada	2018-05-30
	Nova Scotia, California, US	2018-05-30
	Halifax, Canada	2018-05-30
	Wellington, New Zealand	2018-05-30
	Central North River, Canada	2018-05-30
	Halifax, Canada	2018-05-30
	Canada	2018-05-30
	Newmarket, Canada	2018-05-30
	New Glasgow, Canada	2018-05-30
	Canada	2018-05-30

Name	Location	Date
	Perth, Canada	2018-05-30
	US	2018-05-30
	Chino Valley, Arizona, US	2018-05-30
	Toronto, Canada	2018-05-30
	Canada	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
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	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-05-30
	UK	2018-05-30
	South Africa	2018-05-30
	Lords Cove, Canada	2018-05-30
	Canada	2018-05-30
	Halifax,ns, Canada	2018-05-30
	Westville, Canada	2018-05-30
	Burlington, Canada	2018-05-30
	Trenton, Canada	2018-05-30
	Renfrew, Canada	2018-05-30
	Montague, Canada	2018-05-30
	Sainte-Anne-des-Lacs, Canada	2018-05-30
	Fredericton, Canada	2018-05-30
	Pictou, Canada	2018-05-30
	Dartmouth, NS, Canada	2018-05-30
	Lexington, Kentucky, US	2018-05-30
	Canaan, Canada	2018-05-30
	Vernon, Canada	2018-05-30
	Kawartha Lakes, Canada	2018-05-30
	Sidney, Canada	2018-05-30
	Halifax, Canada	2018-05-30
	Dartmouth, Canada	2018-05-30



Name	Location	Date
	Canada	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	Canada	2018-05-30
	Halifax, Canada	2018-05-30
	Canada	2018-05-30
	Canada	2018-05-30
	Canada	2018-05-30
	Canada	2018-05-30
	Netherlands	2018-05-30
	Winnipeg, Canada	2018-05-30
	Halifax, Nova Scotia, Canada	2018-05-30
	New Glasgow, Canada	2018-05-30
	Canada	2018-05-30
	Whitehorse, Canada	2018-05-30
	Canada	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30

Name	Location	Date
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
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	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30

Name	Location	Date
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	US	2018-05-30
	US	2018-05-30
	Canada	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	Mount Horeb, Wisconsin, US	2018-05-30
	US	2018-05-30

Name	Location	Date
	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	US	2018-05-30
	US	2018-05-30
	US	2018-05-30
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	UK	2018-05-30
	US	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	UK	2018-05-30
	Canada	2018-05-30
	Canada	2018-05-30
	Ottawa, Canada	2018-05-30
	Toronto, Canada	2018-05-30
	US	2018-05-30

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-05-30
	Halifax, Canada	2018-05-30
	US	2018-05-30
	US	2018-05-30
	Wickham, Canada	2018-05-30
	Antigonish, Canada	2018-05-30
	Canada	2018-05-30
	Lower Sackville, Canada	2018-05-30
	Dartmouth, Canada	2018-05-30
	Canada	2018-05-30
	Ottawa, Canada	2018-05-30
	Ancaster, Canada	2018-05-30
	Coleman, Canada	2018-05-30
	US	2018-05-30
	Halifax, Canada	2018-05-31
	Newcastle, Canada	2018-05-31
	US	2018-05-31
	Dartmouth, Canada	2018-05-31
	US	2018-05-31
	Canada	2018-05-31
	Austria	2018-05-31
	Canada	2018-05-31

Name	Location	Date
	Canada	2018-05-31
	Canada	2018-05-31
	Ottawa, Canada	2018-05-31
	Canada	2018-05-31
	Toronto, Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Philippines	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Ottawa, Canada	2018-05-31
	Rye, New Hampshire, US	2018-05-31
	Canada	2018-05-31
	Ottawa, Canada	2018-05-31
	Nosara, Costa Rica	2018-05-31
	Smiths Falls, Canada	2018-05-31
	Ottawa, Canada	2018-05-31
	Belgium	2018-05-31
	Halifax, Canada	2018-05-31
	Germany	2018-05-31
	Canada	2018-05-31

Name	Location	Date
	Mississauga, Canada	2018-05-31
	US	2018-05-31
	St. John's, Canada	2018-05-31
	Westville, Canada	2018-05-31
	Iran	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	Canada	2018-05-31
	US	2018-05-31
	US	2018-06-01
	US	2018-06-01
	Dartmouth, Canada	2018-06-01
	Malaysia	2018-06-01
	Toronto, Canada	2018-06-01
	Winnipeg, Manitoba, Alabama, US	2018-06-01
	US	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	Bc, Canada	2018-06-01

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Winnipeg, Canada	2018-06-01
	Los Angeles, California, US	2018-06-01
	Vietnam	2018-06-01
	Burlington, Canada	2018-06-01
	Markham, Canada	2018-06-01
	Moncton, Canada	2018-06-01
	US	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	US	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	US	2018-06-01
	New Glasgow, Canada	2018-06-01
	US	2018-06-01
	Scotsburn, Canada	2018-06-01
	Coalburn, Canada	2018-06-01
	Sudbury, Canada	2018-06-01



Name	Location	Date
	Denver, Colorado, US	2018-06-01
	US	2018-06-01
	UK	2018-06-01
	Vancouver, Canada	2018-06-01
	US	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	US	2018-06-01
	Canada	2018-06-01
	UK	2018-06-01
	US	2018-06-01
	UK	2018-06-01
	UK	2018-06-01
	Canada	2018-06-01
	UK	2018-06-01

Name	Location	Date
	Canada	2018-06-01
	Pictou, Canada	2018-06-01
	Canada	2018-06-01
	Canada	2018-06-02
	Merigomish, Canada	2018-06-02
	US	2018-06-02
	Dieppe, Canada	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	West Chester, Pennsylvania, US	2018-06-02
	US	2018-06-02
	UK	2018-06-02
	US	2018-06-02
	US	2018-06-02

Name	Location	Date
	UK	2018-06-02
	UK	2018-06-02
	US	2018-06-02
	Canada	2018-06-02
	UK	2018-06-02
	UK	2018-06-02
	Markham, Canada	2018-06-02
	US	2018-06-02
	Saint John, Canada	2018-06-02
	Winnipeg, Canada	2018-06-03
	Canada	2018-06-03
	France	2018-06-03
	Toronto, Canada	2018-06-03
	Dundee, Canada	2018-06-03
	US	2018-06-03
	Creston, Canada	2018-06-03
	Canada	2018-06-03
	UK	2018-06-03
	Canada	2018-06-03
	US	2018-06-04
	US	2018-06-04
	US	2018-06-04

Name	Location	Date
	Beechville, Canada	2018-06-04
	Westmount, Canada	2018-06-04
	Canada	2018-06-04
	Canada	2018-06-04
	Calgary, Canada	2018-06-04
	Germany	2018-06-04
	Calgary, Canada	2018-06-04
	Lewedorp, Netherlands	2018-06-04
	Austria	2018-06-04
	US	2018-06-04
	Canada	2018-06-05
	UK	2018-06-05
	US	2018-06-05
	LaSalle, Ontario, Canada, Canada	2018-06-05
	Tempe, Arizona, US	2018-06-05
	New Zealand	2018-06-05
	Toronto, Canada	2018-06-05
	Richmond Hill, Canada	2018-06-05
	US	2018-06-05
	US	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05

Name	Location	Date
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	UK	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	Canada	2018-06-05
	US	2018-06-05
	Canada	2018-06-05
	US	2018-06-05
	Canada	2018-06-05
	Tucson, Arizona, US	2018-06-05
	US	2018-06-05
	Canada	2018-06-06
	Burnaby, Canada	2018-06-06
	US	2018-06-06

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Vancouver, Canada	2018-06-06
	Egypt	2018-06-06
	US	2018-06-06
	UK	2018-06-06
	US	2018-06-06
	Toronto, Canada	2018-06-06
	Canada	2018-06-06
	Canada	2018-06-06
	Canada	2018-06-07
	Otterburn Park, Canada	2018-06-07
	US	2018-06-07
	Stettler, Canada	2018-06-07
	US	2018-06-07
	US	2018-06-07
	Sorel, Canada	2018-06-07
	Canada	2018-06-08
	Montréal, Canada	2018-06-08
	Calgary, Canada	2018-06-08
	Calgary, Canada	2018-06-08
	Calgary, Canada	2018-06-09
	Denmark	2018-06-09
	Ottawa, Canada	2018-06-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Elk River, Minnesota, US	2018-06-11
	Ottawa, Canada	2018-06-11
	London, Canada	2018-06-12
	Pictou, Canada	2018-06-12
	Canada	2018-06-12
	Canada	2018-06-12
	Canada	2018-06-12
	US	2018-06-12
	Canada	2018-06-12
	UK	2018-06-12
	Westville, Canada	2018-06-12
	Halifax, Canada	2018-06-12
	North Vancouver, Canada	2018-06-12
	Halifax, Canada	2018-06-12
	Wilton, Connecticut, US	2018-06-12
	Halifax, Canada	2018-06-12
	london, England, UK	2018-06-13
	London, Canada	2018-06-13
	Toronto, Canada	2018-06-13
	Halifax, Canada	2018-06-13
	Toronto, Canada	2018-06-13
	Blainville, Canada	2018-06-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	O'Leary, Canada	2018-06-13
	UK	2018-06-13
	US	2018-06-13
	UK	2018-06-13
	UK	2018-06-13
	UK	2018-06-13
	Pictou NS, Canada	2018-06-13
	Westville, Canada	2018-06-13
	Stellarton, Canada	2018-06-14
	Halifax, Canada	2018-06-14
	Pictou, Canada	2018-06-14
	Markham, Canada	2018-06-14
	Sydney, Canada	2018-06-14
	New glasgow, Canada	2018-06-14
	Stellarton, Canada	2018-06-14
	Wedgeport, Canada	2018-06-14
	Victoria, Canada	2018-06-14
	Halifax, Canada	2018-06-14
	Halifax, Canada	2018-06-14
	Dollard-des-ormeaux, Canada	2018-06-14
	River John, Canada	2018-06-15
	New Glasgow, Canada	2018-06-15



Name	Location	Date
	Pictou, Canada	2018-06-15
	Glace Bay, Canada	2018-06-15
	Dartmouth, Canada	2018-06-15
	Port Hawkesbury, Canada	2018-06-15
	Canada	2018-06-15
	Australia	2018-06-15
	Germany	2018-06-15
	ottawa, Canada	2018-06-15
	Brant, Canada	2018-06-16
	Victoria, Canada	2018-06-16
	Victoria, Canada	2018-06-17
	new york, New York, US	2018-06-17
	Charlottetown, Canada	2018-06-18
	Pictou, Canada	2018-06-18
	US	2018-06-18
	Dieren, Netherlands	2018-06-18
	Charlottetown, PE, Canada	2018-06-18
	Rice Point, Canada	2018-06-18
	Akron, Ohio, US	2018-06-18
	Charlottetown, Canada	2018-06-18
	Peace River, Canada	2018-06-18
	Halifax, Canada	2018-06-18

Name	Location	Date
	Silver Spring, Maryland, US	2018-06-19
	Atlanta, Georgia, US	2018-06-19
	Hillsboro, Oregon, US	2018-06-19
	Hudson, Canada	2018-06-19
	Toronto, Canada	2018-06-19
	Gimli, Canada	2018-06-19
	Cornwall, Canada	2018-06-19
	Orange, New Jersey, US	2018-06-19
	Toronto, Canada	2018-06-19
	Mississauga, Canada	2018-06-19
	Guelph, Canada	2018-06-20
	Oshawa, Canada	2018-06-20
	Gatineau, Canada	2018-06-21
	US	2018-06-21
	Trenton, Canada	2018-06-21
	Montréal, Canada	2018-06-21
	Dana Point, California, US	2018-06-21
	Halifax, Canada	2018-06-21
	Halifax Nova Scotia, Canada	2018-06-22
	Vancouver, Canada	2018-06-22
	Bonita springs, Florida, US	2018-06-22
	NEW GLASGOW, NS, Canada	2018-06-22

Name	Location	Date
	t Vancouver, Canada	2018-06-22
	gonish, Canada	2018-06-22
	ville, Canada	2018-06-22
	ax, Canada	2018-06-22
	nto, Canada	2018-06-23
	ter River, Canada	2018-06-23
	ville, Canada	2018-06-23
		2018-06-24
	n Head Island, South Carolina, US	2018-06-24
	ada	2018-06-24
	ria, Canada	2018-06-24
	ax, Canada	2018-06-25
	u, Canada	2018-06-26
	ada	2018-06-26
	icton, Canada	2018-06-27
	market, Canada	2018-06-27
	, Canada	2018-06-27
		2018-06-28
	on Hills, Canada	2018-06-29
	enix, Oregon, US	2018-06-30
	onderry, NS, Canada	2018-06-30
	Bay, Canada	2018-07-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	San Antonio, Texas, US	2018-07-02
	Micmac, Canada	2018-07-02
	Victoria, Canada	2018-07-02
	Charlottetown, Canada	2018-07-03
	Charlottetown, Canada	2018-07-03
	Charlottetown, Canada	2018-07-03
	Montague, Canada	2018-07-03
	Kitchener, Canada	2018-07-03
	Montague, Canada	2018-07-03
	Montague, Canada	2018-07-03
	Montage, Canada	2018-07-03
	Grandview, Canada	2018-07-03
	Hammonds Plains, Canada	2018-07-03
	North River Bridge, Canada	2018-07-03
	Mabou, Canada	2018-07-03
	Canada	2018-07-04
	Toronto, Canada	2018-07-04
	Canada	2018-07-04
	New Glasgow, Canada	2018-07-04
	Kissimmee, Florida, US	2018-07-04
	Dartmouth, Canada	2018-07-04
	Judique, Canada	2018-07-04

Name	Location	Date
	Charlottetown, Canada	2018-07-04
	Glace Bay, Canada	2018-07-04
	Bedford, Canada	2018-07-04
	Lower Sackville, Canada	2018-07-04
	Conway, Massachusetts, US	2018-07-04
	Pictoulanding, Canada	2018-07-04
	ottawa, Canada	2018-07-04
	Summerside, Canada	2018-07-05
	Scotsburn, Canada	2018-07-05
	Castlegar, Canada	2018-07-05
	Halifax, Canada	2018-07-05
	Wetzlar, Germany	2018-07-05
	Bedford, Canada	2018-07-05
	Canada	2018-07-05
	US	2018-07-05
	Canada	2018-07-05
	Canada	2018-07-05
	Canada	2018-07-05
	Canada	2018-07-05
	Ingonish, Canada	2018-07-05
	UK	2018-07-05
	New Ross, Canada	2018-07-05

Name	Location	Date
	US	2018-07-05
	UK	2018-07-05
	US	2018-07-05
	UK	2018-07-05
	UK	2018-07-05
	UK	2018-07-05
	UK	2018-07-05
	Westville, Canada	2018-07-05
	Canada	2018-07-05
	UK	2018-07-05
	UK	2018-07-05
	Canada	2018-07-05
	New Glasgow, Canada	2018-07-05
	Stellarton, Canada	2018-07-05
	New Glasgow, Canada	2018-07-05
	UK	2018-07-05
	US	2018-07-05
	US	2018-07-05
	US	2018-07-05
	Bromont, Canada	2018-07-05
	US	2018-07-06
	Canada	2018-07-06

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-07-06
	UK	2018-07-06
	US	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	US	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	Canada	2018-07-06
	UK	2018-07-06
	US	2018-07-06
	Canada	2018-07-06
	Dartmouth, Canada	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	Canada	2018-07-06
	UK	2018-07-06

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	Canada	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	UK	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	Mississauga, Canada	2018-07-06
	summerside, Canada	2018-07-06
	Orillia, Canada	2018-07-06
	Lower Sackville, Canada	2018-07-06
	Charlottetown, Canada	2018-07-06
	Vancouver, Canada	2018-07-06
	Duncan's First Nation, Canada	2018-07-06
	Hinton, Canada	2018-07-06
	Ottawa, Canada	2018-07-06



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Dauphin, Canada	2018-07-06
	Ottawa, Canada	2018-07-06
	Toronto, Canada	2018-07-06
	UK	2018-07-06
	Victoria, Canada	2018-07-06
	Kingsville, Canada	2018-07-06
	Canada	2018-07-06
	bedford, Canada	2018-07-06
	Kelowna, Canada	2018-07-06
	Canada	2018-07-06
	Ottawa, Canada	2018-07-06
	Ucluelet, Canada	2018-07-06
	Calgary, Canada	2018-07-06
	Canada	2018-07-06
	Canada	2018-07-06
	Dartmouth, Canada	2018-07-06
	Gibsons, Canada	2018-07-06
	Newmarket, Canada	2018-07-06
	Canada	2018-07-06
	London, Canada	2018-07-06
	New Glasgow, Canada	2018-07-06
	trenton, Canada	2018-07-06

Name	Location	Date
	US	2018-07-06
	US	2018-07-06
	Winnipeg, Canada	2018-07-06
	Winnipeg, Canada	2018-07-06
	Makawao, Hawaii, US	2018-07-06
	Montreal, Canada	2018-07-06
	US	2018-07-06
	US	2018-07-06
	US	2018-07-06
	Toronto, Canada	2018-07-06
	Canada	2018-07-06
	US	2018-07-06
	Oakville, Canada	2018-07-06
	Ganges, Canada	2018-07-07
	Canada	2018-07-07
	Montreal, Canada	2018-07-07
	Kelowna, Canada	2018-07-07
	Gabriola, Canada	2018-07-07
	Canada	2018-07-07
	Deux-montagnes, Canada	2018-07-07
	New Liskeard, Canada	2018-07-07
	Winnipeg, Canada	2018-07-07

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	US	2018-07-07
	Oshawa, Canada	2018-07-07
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	Canada	2018-07-07
	Bowmanville, Canada	2018-07-07
	Tacoma, Washington, US	2018-07-07
	Perth, Canada	2018-07-07
	Vancouver, Canada	2018-07-07
	US	2018-07-07
	Canada	2018-07-07
	Canada	2018-07-07
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	Canada	2018-07-07
	Calgary, Canada	2018-07-07
	UK	2018-07-07
	Canada	2018-07-07
	Trenton, Canada	2018-07-07
	Grande-Digue, Canada	2018-07-07





Name	Location	Date
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	Canada	2018-07-07
	Victoria, Canada	2018-07-07









Name	Location	Date
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	NANAIMO, BC, Canada	2018-07-07
	Canada	2018-07-07











Name	Location	Date
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	Ann Arbor, Michigan, US	2018-07-07
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	Canada	2018-07-08
	Summerside, Canada	2018-07-08
	Canada	2018-07-08



Name	Location	Date
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	US	2018-07-08
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	Charlottetown, Canada	2018-07-08
	Canada	2018-07-08
	Winnipeg, Canada	2018-07-08
	Canada	2018-07-08
	Canada	2018-07-08
	Richmond, Canada	2018-07-08
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	US	2018-07-08
	US	2018-07-08
	Canada	2018-07-08





Name	Location	Date
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	Burnaby, Canada	2018-07-08
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	Belfast, Canada	2018-07-08
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	Whistler, Canada	2018-07-08
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	UK	2018-07-08
	Cornwall, Canada	2018-07-08
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	US	2018-07-08
	Canada	2018-07-08
	Summerside, Canada	2018-07-08
	Canada	2018-07-08

Name	Location	Date
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	Canada	2018-07-08
	UK	2018-07-08
	Canada	2018-07-08
	Halifax, Canada	2018-07-08
	Canada	2018-07-08
	Halifax, Canada	2018-07-08
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	Canada	2018-07-08
	Hugo, Oklahoma, US	2018-07-08
	Canada	2018-07-08
	UK	2018-07-08
	Pictou County, Canada	2018-07-08
	Canada	2018-07-08
	Canada	2018-07-08



<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Charlottetown, Canada	2018-07-08
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	Canada	2018-07-08
	US	2018-07-08
	Canada	2018-07-08
	Canada	2018-07-08
	Dartmouth, Canada	2018-07-08

Name	Location	Date
	Canada	2018-07-08
	US	2018-07-08
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	Canada	2018-07-08
	Smiths Falls, Canada	2018-07-08
	halifax, Canada	2018-07-08
	US	2018-07-09
	Canada	2018-07-09
	Canada	2018-07-09



Name	Location	Date
	Westville, Canada	2018-07-09
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Name	Location	Date
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	Ottawa, Canada	2018-07-09
	Germany	2018-07-09
	Canada	2018-07-09
	Summerside, Canada	2018-07-09
	US	2018-07-09
	Canada	2018-07-09
	Canada	2018-07-09

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Milton, Canada	2018-07-09
	India	2018-07-09
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	Canada	2018-07-09
	US	2018-07-09
	US	2018-07-09
	Canada	2018-07-09

Name	Location	Date
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	Halifax, Canada	2018-07-09
	Summerside, Canada	2018-07-09
	Canada	2018-07-09
	NiagaraFalls, Canada	2018-07-09
	Canada	2018-07-09
	Canada	2018-07-09
	Richmond, Canada	2018-07-09
	US	2018-07-09
	Pictou, Canada	2018-07-09
	West Kelowna, Canada	2018-07-09
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	Canada	2018-07-09

Name	Location	Date
	Charlottetown, Canada	2018-07-09
	US	2018-07-09
	Canada	2018-07-09
	Canada	2018-07-09
	Oxford, England, UK	2018-07-09
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	Canada	2018-07-09
	US	2018-07-09
	Canada	2018-07-09
	US	2018-07-09
	Canada	2018-07-09
	Dartmouth, Canada	2018-07-09
	Canada	2018-07-09
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	Canada	2018-07-09
	Perth Andover, Canada	2018-07-09
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<b>Name</b>	<b>Location</b>	<b>Date</b>
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Name	Location	Date
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	Stellarton, Canada	2018-07-10
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	Canada	2018-07-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-07-10
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	Westville,NS., Canada	2018-07-10
	Canada	2018-07-10
	US	2018-07-10
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	Dartmouth, Canada	2018-07-10
	Canada	2018-07-10
	Summerside, Canada	2018-07-10
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	US	2018-07-10
	UK	2018-07-10
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	UK	2018-07-10
	Canada	2018-07-10
	New Glasgow, Canada	2018-07-10
	Canada	2018-07-10
	US	2018-07-10
	Charlottetown, Canada	2018-07-10
	UK	2018-07-10



Name	Location	Date
	US	2018-07-10
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	Canada	2018-07-10
	US	2018-07-10
	Ellerslie, Canada	2018-07-10
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	Westville, Canada	2018-07-11
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	Kingston, Canada	2018-07-11
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	US	2018-07-11
	Canada	2018-07-11



Name	Location	Date
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Name	Location	Date
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	Canada	2018-07-11



Name	Location	Date
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	Dartmouth, Canada	2018-07-12



Name	Location	Date
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Name	Location	Date
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	Pictou, Canada	2018-07-12
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	Moncton, Canada	2018-07-12
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	UK	2018-07-12



Name	Location	Date
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	Barry, Wales; Cymru, UK	2018-07-12
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	New Glasgow, Canada	2018-07-13
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	Sweden	2018-07-13
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	Canada	2018-07-13

Name	Location	Date
	Dartmouth, Canada	2018-07-13
	Saudi Arabia	2018-07-13
	Canada	2018-07-13
	France	2018-07-13
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	Canada	2018-07-14

Name	Location	Date
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	Hungary	2018-07-14
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Name	Location	Date
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	Canada	2018-07-15
	US	2018-07-15
	New Zealand	2018-07-15
	Canada	2018-07-15



















Name	Location	Date
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	US	2018-07-17
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	US	2018-07-18
	Canada	2018-07-18



Name	Location	Date
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	Canada	2018-07-18
	New Glasgow, Canada	2018-07-18
	Noel, Canada	2018-07-18
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	Canada	2018-07-18

Name	Location	Date
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	Canada	2018-07-18
	Bogotá, Colombia	2018-07-18
	US	2018-07-18
	Canada	2018-07-19
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	US	2018-07-19
	Canada	2018-07-19
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	Canada	2018-07-20

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Canada	2018-07-20
	Toronto, Canada	2018-07-20
	New glasgow, Canada	2018-07-20
	UK	2018-07-20
	US	2018-07-20
	US	2018-07-20
	Guayaquil, Ecuador	2018-07-20
	Aurora, Canada	2018-07-20
	Stellarton, Canada	2018-07-20
	Canada	2018-07-20
	Toronto, Canada	2018-07-20
	Niagara-on-the-Lake, Canada	2018-07-20
	Canada	2018-07-20
	dartmouth, Canada	2018-07-20
	Gloucester, England, UK	2018-07-20
	Gloucester, UK	2018-07-20
	Canada	2018-07-20
	New Glasgow, Canada	2018-07-20
	BeaverBank, Canada	2018-07-20
	Canada	2018-07-20
	Margaree Valley, Canada	2018-07-20

Name	Location	Date
	US	2018-07-20
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	Canada	2018-07-20
	UK	2018-07-20
	Canada	2018-07-20
	US	2018-07-20
	US	2018-07-20
	Canada	2018-07-20
	UK	2018-07-20
	Dartmouth, Canada	2018-07-20
	Canada	2018-07-21
	Winnipeg, Canada	2018-07-21
	Westville, Canada	2018-07-21
	Canada	2018-07-21
	Canada	2018-07-21
	Canada	2018-07-21
	New Glasgow, Canada	2018-07-21
	UK	2018-07-21
	Hong Kong	2018-07-21
	ABERCROMBIE, Canada	2018-07-21
	Dartmouth, Canada	2018-07-21
	Gloucester, UK	2018-07-21

Name	Location	Date
	Canada	2018-07-21
	UK	2018-07-21
	UK	2018-07-21
	Lansdowne, Canada	2018-07-21
	Killeen, Texas, US	2018-07-21
	Australia	2018-07-21
	Wallace, Canada	2018-07-21
	Baddeck, Canada	2018-07-21
	Baddeck, Canada	2018-07-21
	Canada	2018-07-21
	Baddeck, Canada	2018-07-21
	Toronto, Canada	2018-07-21
	Canada	2018-07-21
	Windsor, Canada	2018-07-22
	US	2018-07-22
	Windsor, Canada	2018-07-22
	US	2018-07-22
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	Canada	2018-07-22
	UK	2018-07-22
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Name	Location	Date
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	Canada	2018-07-22
	Canada	2018-07-22
	US	2018-07-22
	Canada	2018-07-22
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	Canada	2018-07-22
	US	2018-07-22
	US	2018-07-22
	Montréal, Canada	2018-07-23
	US	2018-07-23
	Canada	2018-07-23
	Canada	2018-07-23
	Brookfield, Canada	2018-07-23
	Hong Kong	2018-07-23
	Canada	2018-07-24
	Canada	2018-07-24
	Canada	2018-07-24
	Windsor, Canada	2018-07-24
	Norway	2018-07-24
	Long Eaton, England, UK	2018-07-24
	antigonish, Canada	2018-07-24

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Newcastle upon Tyne, England, UK	2018-07-24
	Canada	2018-07-24
	North York, Canada	2018-07-24
	New Glasgow, Canada	2018-07-24
	Dartmouth, Canada	2018-07-24
	Trenton, Canada	2018-07-25
	Canada	2018-07-25
	Canada	2018-07-25
	Canada	2018-07-25
	Canada	2018-07-25
	Canada	2018-07-25
	Big Island, NS, Canada	2018-07-25
	Canada	2018-07-25
	Moncton, Canada	2018-07-25
	Fredericton, Canada	2018-07-25
	halifax, Canada	2018-07-25
	Canada	2018-07-25
	Point Aconi ,Nova Scotia, Canada	2018-07-25
	Glace Bay, Canada	2018-07-25
	Lund, Canada	2018-07-25
	Canada	2018-07-26
	Trenton, Canada	2018-07-26

Name	Location	Date
	Dartmouth, Canada	2018-07-26
	Glace Bay, Canada	2018-07-26
	Masstown, Canada	2018-07-26
	Netherlands	2018-07-27
	Halifax, Canada	2018-07-27
	Bedford, Canada	2018-07-27
	Canada	2018-07-28
	Canada	2018-07-28
	Canada	2018-07-28
	Halifax, Canada	2018-07-28
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	Martinique	2018-07-29
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Name	Location	Date
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	Martinique	2018-07-29
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Name	Location	Date
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	Guadeloupe	2018-07-29
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	Hammonds Plains, Canada	2018-07-29
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Name	Location	Date
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	Guadeloupe	2018-07-29
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Name	Location	Date
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	French Polynesia	2018-07-29
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Name	Location	Date
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	Guadeloupe	2018-07-29
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Name	Location	Date
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Name	Location	Date
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	Guadeloupe	2018-07-29



Name	Location	Date
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Name	Location	Date
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	Guadeloupe	2018-07-29
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Name	Location	Date
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	Canada	2018-07-29
	Guadeloupe	2018-07-29
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Name	Location	Date
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	Martinique	2018-07-29
	Canada	2018-07-29
	France	2018-07-29
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Name	Location	Date
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	Martinique	2018-07-30
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	Réunion	2018-07-30
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Name	Location	Date
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Name	Location	Date
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Name	Location	Date
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Name	Location	Date
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	France	2018-07-30

Name	Location	Date
	France	2018-07-30
	French Guiana	2018-07-30
	Canada	2018-07-30
	France	2018-07-30
	France	2018-07-30
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	France	2018-07-30
	France	2018-07-30
	France	2018-07-30
	Greece	2018-07-30
	France	2018-07-30
	Canada	2018-07-30
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	Canada	2018-07-30
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	France	2018-07-30
	Sweden	2018-07-30

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	France	2018-07-30
	Martinique	2018-07-30
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	Canada	2018-07-30
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	Canada	2018-07-30
	France	2018-07-30



Name	Location	Date
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	Canada	2018-07-30
	Canmore, Canada	2018-07-30
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	Canada	2018-07-30
	France	2018-07-30
	Guadeloupe	2018-07-30
	France	2018-07-30
	French Polynesia	2018-07-30
	France	2018-07-30
	Canada	2018-07-30
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Name	Location	Date
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	France	2018-07-30
	US	2018-07-30
	US	2018-07-30
	UK	2018-07-30
	Canada	2018-07-30
	Congo (Republic)	2018-07-30
	Canada	2018-07-30
	lower sackville, Canada	2018-07-30
	Canada	2018-07-30
	France	2018-07-30
	Canada	2018-07-30
	Canada	2018-07-30
	Canada	2018-07-31
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	Canada	2018-07-31

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Canada	2018-07-31
	Canada	2018-07-31
	Australia	2018-07-31
	Canada	2018-07-31
	Canada	2018-07-31
	New Zealand	2018-07-31
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	Canada	2018-07-31
	UK	2018-07-31
	UK	2018-07-31
	Turkey	2018-07-31
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	US	2018-07-31
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	Canada	2018-07-31
	UK	2018-07-31
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Name	Location	Date
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	Canada	2018-07-31
	France	2018-07-31
	Canada	2018-07-31
	Canada	2018-07-31
	Canada	2018-07-31
	Netherlands	2018-07-31
	Canada	2018-07-31
	Canada	2018-07-31
	Innisfil, Canada	2018-07-31
	Canada	2018-07-31
	Canada	2018-07-31
	UK	2018-07-31
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	Canada	2018-08-01
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	French Guiana	2018-08-01
	Canada	2018-08-01

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	Canada	2018-08-02
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	US	2018-08-02
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	Canada	2018-08-02
	France	2018-08-02
	Canada	2018-08-02
	Canada	2018-08-02
	UK	2018-08-02
	Borden, Canada	2018-08-02
	UK	2018-08-02
	UK	2018-08-02
	Market Rasen, England, UK	2018-08-02
	Canada	2018-08-03
	Apache Junction, Arizona, US	2018-08-03
	Canada	2018-08-03
	Spruce Grove, Canada	2018-08-03

Name	Location	Date
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	Canada	2018-08-03
	UK	2018-08-03
	UK	2018-08-03
	UK	2018-08-03
	UK	2018-08-03
	Brazil	2018-08-03
	Canada	2018-08-03
	US	2018-08-03
	UK	2018-08-03
	Canada	2018-08-03
	Mississauga, Canada	2018-08-03
	UK	2018-08-03
	Doncaster, UK	2018-08-03
	Canada	2018-08-03
	Canada	2018-08-03
	Canada	2018-08-03
	Edmonton, Canada	2018-08-03
	Canada	2018-08-03
	Bermuda	2018-08-03
	UK	2018-08-03
	US	2018-08-03

<b>Name</b>	<b>Location</b>	<b>Date</b>
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	UK	2018-08-03
	US	2018-08-03
	Canada	2018-08-03
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	US	2018-08-04
	Canada	2018-08-04
	Canada	2018-08-04
	UK	2018-08-04
	UK	2018-08-04
	UK	2018-08-04
	Netherlands	2018-08-04
	US	2018-08-04
	UK	2018-08-04
	Canada	2018-08-04

Name	Location	Date
	Chester, Canada	2018-08-04
	Canada	2018-08-04
	Fort Saskatchewan, Canada	2018-08-04
	Westville, Canada	2018-08-04
	UK	2018-08-04
	Canada	2018-08-04
	Canada	2018-08-04
	UK	2018-08-04
	Canada	2018-08-04
	Canada	2018-08-04
	US	2018-08-04
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	Canada	2018-08-05





Name	Location	Date
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	US	2018-08-05
	UK	2018-08-05
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	Canada	2018-08-05
	US	2018-08-06
	Canada	2018-08-06
	UK	2018-08-06
	UK	2018-08-06
	Canada	2018-08-06
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	Canada	2018-08-06
	Truro, Canada	2018-08-06
	UK	2018-08-06
	US	2018-08-06

Name	Location	Date
	UK	2018-08-06
	Canada	2018-08-06
	UK	2018-08-06
	Portsmouth, UK	2018-08-06
	US	2018-08-07
	US	2018-08-07
	Canada	2018-08-07
	UK	2018-08-07
	Canada	2018-08-07
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	Canada	2018-08-08
	Canada	2018-08-08
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	Canada	2018-08-09
	Canada	2018-08-09
	Canada	2018-08-10

Name	Location	Date
	Canada	2018-08-10
	Canada	2018-08-10
	Canada	2018-08-10
	Canada	2018-08-10
	UK	2018-08-11
	Guernsey Cove, Canada	2018-08-11
	UK	2018-08-11
	UK	2018-08-11
	UK	2018-08-11
	UK	2018-08-11
	UK	2018-08-11
	UK	2018-08-11
	US	2018-08-12
	Kirn, Scotland, UK	2018-08-12
	Moser river, Canada	2018-08-14
	Stellarton, Canada	2018-08-14
	New Glasgow, Canada	2018-08-14
	Pictou, Canada	2018-08-14
	France	2018-08-14
	Ottawa, Canada	2018-08-14
	trenton, Canada	2018-08-14
	Halifax, Canada	2018-08-14
	Brookside, Canada	2018-08-14

Name	Location	Date
	Halifax, Canada	2018-08-14
	pictou, Canada	2018-08-14
	Pictou, Canada	2018-08-15
	Tignish, Canada	2018-08-15
	Merigomish, Canada	2018-08-15
	Mabou, Canada	2018-08-15
	Antigonish, Canada	2018-08-15
	Sydney, Canada	2018-08-15
	st peters, Canada	2018-08-15
	New Glasgow, Canada	2018-08-15
	Nova scotia, Canada	2018-08-15
	New Glasgow, Canada	2018-08-15
	Meteghan, Canada	2018-08-15
	US	2018-08-15
	US	2018-08-15
	UK	2018-08-15
	Pictou, Canada	2018-08-15
	Port Hope, Canada	2018-08-15
	UK	2018-08-15
	Canada	2018-08-15
	Canada	2018-08-15
	Canada	2018-08-15

Name	Location	Date
	Canada	2018-08-15
	Canada	2018-08-15
	UK	2018-08-15
	Canada	2018-08-15
	US	2018-08-15
	Canada	2018-08-16
	Norton, Canada	2018-08-16
	US	2018-08-16
	Pictou, Canada	2018-08-16
	US	2018-08-16
	US	2018-08-16
	US	2018-08-16
	UK	2018-08-16
	UK	2018-08-16
	Canada	2018-08-16
	US	2018-08-16
	US	2018-08-16
	US	2018-08-16
	US	2018-08-16
	US	2018-08-16
	Canada	2018-08-16
	Memphis, Tennessee, US	2018-08-16

Name	Location	Date
	Canada	2018-08-16
	pictou ns, Canada	2018-08-16
	New Glasgow, Canada	2018-08-16
	UK	2018-08-16
	Canada	2018-08-16
	US	2018-08-16
	US	2018-08-16
	Canada	2018-08-16
	Halifax, Canada	2018-08-16
	scotsburn rd., Canada	2018-08-16
	Truro, Canada	2018-08-17
	Murray River PE, Canada	2018-08-17
	Toronto, Canada	2018-08-17
	Surrey, Canada	2018-08-17
	Canada	2018-08-17
	Canada	2018-08-17
	US	2018-08-17
	US	2018-08-17
	Canada	2018-08-17
	Canada	2018-08-17
	US	2018-08-17
	Sudbury, Canada	2018-08-17

Name	Location	Date
	Canada	2018-08-17
	Jarrow, England, UK	2018-08-17
	US	2018-08-17
	Tempe, Arizona, US	2018-08-17
	UK	2018-08-17
	Canada	2018-08-17
	UK	2018-08-17
	UK	2018-08-17
	UK	2018-08-17
	Tyne Valley, Canada	2018-08-17
	UK	2018-08-17
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	Canada	2018-08-17



Name	Location	Date
	Canada	2018-08-17
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	Hamilton, Canada	2018-08-18
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	UK	2018-08-18
	Ottawa, Canada	2018-08-18
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	Canada	2018-08-18

Name	Location	Date
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	Canada	2018-08-19
	US	2018-08-19

Name	Location	Date
	UK	2018-08-19
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	Canada	2018-08-19

Name	Location	Date
	US	2018-08-19
	Canada	2018-08-20
	Canada	2018-08-20
	Canada	2018-08-20
	Ireland	2018-08-20
	US	2018-08-20
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	US	2018-08-20



<b>Name</b>	<b>Location</b>	<b>Date</b>
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	US	2018-08-20
	US	2018-08-20
	Greece	2018-08-20
	US	2018-08-21
	Canada	2018-08-21
	Sweden	2018-08-21
	Canada	2018-08-21

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-08-21
	Canada	2018-08-22
	US	2018-08-22
	Portugal	2018-08-22
	Canada	2018-08-22
	Canada	2018-08-22
	UK	2018-08-22
	US	2018-08-23
	Dartmouth, Canada	2018-08-23
	Halifax, Canada	2018-08-23
	Sydney, Canada	2018-08-23
	Canada	2018-08-23
	Bangladesh	2018-08-24
	US	2018-08-24
	US	2018-08-24
	Canada	2018-08-24
	India	2018-08-24
	Canada	2018-08-24
	US	2018-08-25
	US	2018-08-25
	US	2018-08-25
	US	2018-08-25

Name	Location	Date
	US	2018-08-25
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	US	2018-08-26
	US	2018-08-26



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-08-26
	US	2018-08-26
	US	2018-08-26
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	US	2018-08-27
	US	2018-08-27
	US	2018-08-27
	US	2018-08-27
	US	2018-08-27
	Ottawa, Canada	2018-08-27
	Canada	2018-08-28
	US	2018-08-28

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-08-28
	US	2018-08-28
	UK	2018-08-28
	Stratford, Canada	2018-08-28
	Canada	2018-08-28
	UK	2018-08-28
	UK	2018-08-28
	Canada	2018-08-28
	Felton, Pennsylvania, US	2018-08-28
	Canada	2018-08-28
	Canada	2018-08-28
	US	2018-08-28
	US	2018-08-28
	Belle River, Canada	2018-08-28
	London, Canada	2018-08-28
	Charlottetown, Canada	2018-08-28
	Charlottetown, Canada	2018-08-28
	Mission, Canada	2018-08-28
	Stratford, Canada	2018-08-28
	Canada	2018-08-29
	US	2018-08-29
	Ottawa, Canada	2018-08-29

Name	Location	Date
	US	2018-08-29
	UK	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	Ottawa, Canada	2018-08-29
	Canada	2018-08-29
	Hampton, Canada	2018-08-29
	Montréal, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Cornwall, Canada	2018-08-29
	Borden-Carleton, Canada	2018-08-29
	York, Canada	2018-08-29
	Shreveport, Louisiana, US	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	Hampton, Canada	2018-08-29
	Belle River, Canada	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	US	2018-08-29

Name	Location	Date
	US	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Crapaud, Canada	2018-08-29
	Kensington, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Nine Mile Creek, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	montague, Canada	2018-08-29
	Cornwall, Canada	2018-08-29
	US	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	Charlottetown, Canada	2018-08-29
	Morell, Canada	2018-08-29
	Canada	2018-08-29
	Montague, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Stratford, Canada	2018-08-29
	US	2018-08-29

Name	Location	Date
	Fredericton, Canada	2018-08-29
	Montreal QC, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Stratford, P.E.I, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Canada	2018-08-29
	Borden-Carleton, Canada	2018-08-29
	Kensington, Canada	2018-08-29
	york, Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	US	2018-08-29
	Belle Chasse, Louisiana, US	2018-08-29
	US	2018-08-29
	Port Moody, Canada	2018-08-29
	Ottawa, Canada	2018-08-29
	Canada	2018-08-29
	Handen, Sweden	2018-08-29
	US	2018-08-29

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-08-29
	US	2018-08-29
	Windsor, Canada	2018-08-29
	Gabriola, Canada	2018-08-29
	Bedford, Canada	2018-08-29
	UK	2018-08-29
	Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Brockville, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Ellerslie, Canada	2018-08-29
	Montague, Canada	2018-08-29
	US	2018-08-29
	Morell, Canada	2018-08-29
	Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	St Ann, Canada	2018-08-29
	Wellington, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Souris, Canada	2018-08-29
	SouthGranville, Canada	2018-08-29

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Summerside, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29
	Victoria, Canada	2018-08-29
	Lusby, Maryland, US	2018-08-29
	London, England, UK	2018-08-29
	Saint Catherines, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	Canada	2018-08-29
	Caldwell, New Jersey, US	2018-08-29
	Teddington, England, UK	2018-08-29
	UK	2018-08-29
	Saint John, Canada	2018-08-29
	US	2018-08-29
	Cardigan, Canada	2018-08-29
	Edmundston, Canada	2018-08-29
	US	2018-08-29
	Charlottetown, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29

Name	Location	Date
	Charlottetown, Canada	2018-08-29
	Ottawa, Canada	2018-08-29
	Cornwall, Canada	2018-08-29
	US	2018-08-29
	US	2018-08-29
	Red Deer, Canada	2018-08-29
	Kenner, Louisiana, US	2018-08-29
	Montague, Canada	2018-08-29
	charlottetown, Canada	2018-08-29
	Ch'town, Canada	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	Miramichi, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Canada	2018-08-29
	Florida, US	2018-08-29
	Canada	2018-08-29
	WATERLOO, Canada	2018-08-29
	Montague, Canada	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29



Name	Location	Date
	Red Deer County, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Cornwall, Canada	2018-08-29
	Vernon River, Canada	2018-08-29
	Wasaga Beach, Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	Dartmouth, Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
	Blind bay bc, Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29
	UK	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	Charlottetown, Canada	2018-08-29

Name	Location	Date
	France	2018-08-29
	Dartmouth, Canada	2018-08-29
	UK	2018-08-29
	UK	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	Charlottetown, Canada	2018-08-29
	Canada	2018-08-29
	Montague, Canada	2018-08-29
	Nottingham, UK	2018-08-29
	UK	2018-08-29
	UK	2018-08-29
	UK	2018-08-29
	UK	2018-08-29
	Ottawa, Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	Charlottetown, Canada	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	UK	2018-08-29

Name	Location	Date
	Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	Montague, Canada	2018-08-29
	UK	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	UK	2018-08-29
	red deer, Canada	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	US	2018-08-29
	Granville Ferry, NS, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Stratford, Canada	2018-08-29
	Parry Sound, Canada	2018-08-29
	Summerside, Canada	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	US	2018-08-29

Name	Location	Date
	US	2018-08-29
	Fredericton, Canada	2018-08-29
	Charlottetown, Canada	2018-08-29
	Belfast, Canada	2018-08-29
	Crapaud, Canada	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
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	Canada	2018-08-29
	Canada	2018-08-29
	US	2018-08-29
	Canada	2018-08-29
	UK	2018-08-29
	Summerside, Canada	2018-08-29
	Canada	2018-08-29

Name	Location	Date
	US	2018-08-29
	Kelly's cross, Canada	2018-08-29
	Crapaud, P.E.I., Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
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	UK	2018-08-29
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	Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	Albany, Canada	2018-08-29
	Canada	2018-08-29
	Canada	2018-08-29
	UK	2018-08-29
	US	2018-08-29
	Ottawa, Canada	2018-08-29
	Ottawa, Canada	2018-08-29

Name	Location	Date
	Moncton, Canada	2018-08-29
	UK	2018-08-29
	Charlottetown, Canada	2018-08-29
	Montague, Canada	2018-08-29
	charlottetown, Canada	2018-08-29
	Mission, Canada	2018-08-30
	Canada	2018-08-30
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	US	2018-08-30
	Canada	2018-08-30
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	Canada	2018-08-30
	Canada	2018-08-30
	Montague, Canada	2018-08-30
	US	2018-08-30
	Canada	2018-08-30
	Montague, Canada	2018-08-30

Name	Location	Date
	Dominican Republic	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Charlottetown, Canada	2018-08-30
	US	2018-08-30
	US	2018-08-30
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	Montague, Canada	2018-08-30
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	Canada	2018-08-30
	US	2018-08-30
	US	2018-08-30
	Dartmouth, Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30

Name	Location	Date
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	Canada	2018-08-30
	UK	2018-08-30
	US	2018-08-30
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	Charlottetown, Canada	2018-08-30
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	UK	2018-08-30
	UK	2018-08-30
	Charlottetown, Canada	2018-08-30



Name	Location	Date
	UK	2018-08-30
	Portsmouth, England, UK	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30
	Canada	2018-08-30
	Mont-royal, Canada	2018-08-30
	UK	2018-08-30
	US	2018-08-30
	Fayetteville, North Carolina, US	2018-08-30
	Mt.Stewart, Canada	2018-08-30
	UK	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30
	UK	2018-08-30
	US	2018-08-30
	Pownal, Canada	2018-08-30
	Montague, Canada	2018-08-30
	Canada	2018-08-30
	Staynet, Canada	2018-08-30
	Canada	2018-08-30
	Charlottetown, Canada	2018-08-30
	Canada	2018-08-30

Name	Location	Date
	US	2018-08-30
	Edmonton, Canada	2018-08-30
	Stanhope, Canada	2018-08-30
	Summerside, Canada	2018-08-30
	UK	2018-08-30
	US	2018-08-30
	Canada	2018-08-30
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	UK	2018-08-30
	Halifax, Canada	2018-08-30
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	Canada	2018-08-30
	UK	2018-08-30
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	Canada	2018-08-30
	Canada	2018-08-30
	US	2018-08-30
	US	2018-08-30

Name	Location	Date
	Canada	2018-08-30
	UK	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Charlottetown, Canada	2018-08-30
	UK	2018-08-30
	US	2018-08-30
	UK	2018-08-30
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	US	2018-08-30
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	Canada	2018-08-30
	Charlottetown, Canada	2018-08-30
	UK	2018-08-30
	US	2018-08-30
	Charlottetown, Canada	2018-08-30
	UK	2018-08-30
	UK	2018-08-30

Name	Location	Date
	UK	2018-08-30
	US	2018-08-30
	Charlottetown, Canada	2018-08-30
	Canada	2018-08-30
	Charlotteown, Canada	2018-08-30
	UK	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30
	Charlottetown, Canada	2018-08-30
	Miscouche, Canada	2018-08-30
	Charlottetown, Canada	2018-08-30
	UK	2018-08-30
	France	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30
	Montague, Canada	2018-08-30
	Kensington, Canada	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30
	UK	2018-08-30

Name	Location	Date
	UK	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	UK	2018-08-30
	UK	2018-08-30
	US	2018-08-30
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	Canada	2018-08-30
	Canada	2018-08-30
	Charlottetown,, Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Summerside, Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Pickering, Canada	2018-08-30
	UK	2018-08-30

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
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	Canada	2018-08-30
	US	2018-08-30
	UK	2018-08-30
	Canada	2018-08-30
	US	2018-08-30
	Canada	2018-08-30
	Stratford, Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	Belle River, Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30
	US	2018-08-30
	Canada	2018-08-30
	Fredericton, Canada	2018-08-30
	Canada	2018-08-30
	Canada	2018-08-30

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Waterloo, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Bonshaw, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	US	2018-08-31
	US	2018-08-31
	Canada	2018-08-31
	US	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	US	2018-08-31
	Canada	2018-08-31
	Conquerall Bank, Canada	2018-08-31
	Bermuda	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31

Name	Location	Date
	Canada	2018-08-31
	Canada	2018-08-31
	US	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Port Colborne, Canada	2018-08-31
	Canada	2018-08-31
	St. Catharines, Canada	2018-08-31
	Canada	2018-08-31
	US	2018-08-31
	Newton, Massachusetts, US	2018-08-31
	US	2018-08-31
	Westmount, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Calgary, Canada	2018-08-31
	UK	2018-08-31
	north york, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31



<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-08-31
	UK	2018-08-31
	Canada	2018-08-31
	UK	2018-08-31
	UK	2018-08-31
	UK	2018-08-31
	UK	2018-08-31
	UK	2018-08-31
	Charlottetown, Canada	2018-08-31
	Cornwall, Canada	2018-08-31
	Charlottetown, Canada	2018-08-31
	Charlottetown, Canada	2018-08-31
	Charlottetown, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Stratford, Canada	2018-08-31
	Canada	2018-08-31
	Breadalbane, Canada	2018-08-31
	Canada	2018-08-31
	US	2018-08-31
	Canada	2018-08-31
	Charlottetown, Canada	2018-08-31

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-08-31
	Charlottetown, Canada	2018-08-31
	Canada	2018-08-31
	Oshawa, Canada	2018-08-31
	North Rustico, Canada	2018-08-31
	Canada	2018-08-31
	UK	2018-08-31
	UK	2018-08-31
	UK	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Montague, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Ottawa, Canada	2018-08-31
	Charlottetown, Canada	2018-08-31
	Canada	2018-08-31
	Montague, Canada	2018-08-31
	UK	2018-08-31
	US	2018-08-31
	Montréal, Canada	2018-08-31
	Charlottetown, Canada	2018-08-31

Name	Location	Date
	Canada	2018-08-31
	US	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	North Milton, Canada	2018-08-31
	Miscouche, Canada	2018-08-31
	Sammamish, Washington, US	2018-08-31
	UK	2018-08-31
	US	2018-08-31
	Bedford, UK	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Oakville, Canada	2018-08-31
	Canada	2018-08-31
	Canada	2018-08-31
	Bonshaw, Canada	2018-08-31
	Wellington, Canada	2018-08-31
	Montréal, Canada	2018-08-31
	Charlottetown, Canada	2018-08-31
	Canada	2018-08-31
	Long Beach, California, US	2018-08-31



Name	Location	Date
	UK	2018-09-01
	UK	2018-09-01
	Canada	2018-09-01
	Canada	2018-09-01
	las vegas, Nevada, US	2018-09-01
	Borden-Carleton, Canada	2018-09-01
	UK	2018-09-01
	UK	2018-09-01
	UK	2018-09-01
	UK	2018-09-01
	Canada	2018-09-01
	San Mateo, California, US	2018-09-01
	Canada	2018-09-01
	Charlottetown, Canada	2018-09-01
	US	2018-09-01
	UK	2018-09-01
	Canada	2018-09-01
	UK	2018-09-01
	Canada	2018-09-01
	Canada	2018-09-01
	US	2018-09-01
	Charlottetown, Canada	2018-09-01

Name	Location	Date
	Canada	2018-09-01
	Cornwall, Canada	2018-09-01
	UK	2018-09-01
	Canada	2018-09-01
	UK	2018-09-01
	Canada	2018-09-02
	UK	2018-09-02
	Canada	2018-09-02
	Kilmuir, Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	US	2018-09-02
	Canada	2018-09-02
	UK	2018-09-02
	UK	2018-09-02
	Lebanon	2018-09-02
	UK	2018-09-02
	UK	2018-09-02

Name	Location	Date
	UK	2018-09-02
	York, Canada	2018-09-02
	Canada	2018-09-02
	Ajax, Canada	2018-09-02
	US	2018-09-02
	UK	2018-09-02
	Canada	2018-09-02
	US	2018-09-02
	Canada	2018-09-02
	UK	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Charlottetown, Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-02
	Canada	2018-09-03
	Canada	2018-09-03
	Philippines	2018-09-03
	Montague, Canada	2018-09-03
	Canada	2018-09-03
	US	2018-09-03
	Canada	2018-09-03







Name	Location	Date
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Mauritius	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-04
	charlottetown, Canada	2018-09-04
	Belle River, Canada	2018-09-04
	Canada	2018-09-04
	Lamartine, Canada	2018-09-04
	Belleville, Canada	2018-09-04
	US	2018-09-04

<b>Name</b>	<b>Location</b>	<b>Date</b>
	US	2018-09-04
	Canada	2018-09-04
	Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-05
	Edmonton, Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-05
	UK	2018-09-05
	Canada	2018-09-05
	US	2018-09-05
	Calgary, Canada	2018-09-05
	Canada	2018-09-05
	San Antonio, Texas, US	2018-09-05
	Canada	2018-09-05
	Mississauga, Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-05
	US	2018-09-05
	Canada	2018-09-05

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-05
	Canada	2018-09-06
	Georgina, Canada	2018-09-06
	Canada	2018-09-06
	Peterborough, Canada	2018-09-06
	US	2018-09-06
	Canada	2018-09-06
	Trenton, Canada	2018-09-06
	US	2018-09-07
	wyoming, Rhode Island, US	2018-09-07
	US	2018-09-07
	Canada	2018-09-08
	US	2018-09-08
	Canada	2018-09-08
	US	2018-09-08
	Ashwell, UK	2018-09-09
	US	2018-09-10
	Canada	2018-09-10
	France	2018-09-11
	US	2018-09-12

Name	Location	Date
	Canada	2018-09-12
	Gardner Creek, Canada	2018-09-15
	Halifax, Canada	2018-09-15
	nova scotia, Canada	2018-09-23
	white point, Canada	2018-09-23
	Vernon Bridge, Canada	2018-09-26
	Halifax, Canada	2018-09-27
	Canada	2018-10-01
	France	2018-10-01
	UK	2018-10-01
	UK	2018-10-01
	Canada	2018-10-01
	US	2018-10-01
	UK	2018-10-01
	London, England, UK	2018-10-01
	UK	2018-10-01
	UK	2018-10-01
	Ottawa, Canada	2018-10-01
	UK	2018-10-01
	Canada	2018-10-01
	US	2018-10-01
	UK	2018-10-01

Name	Location	Date
	UK	2018-10-01
	UK	2018-10-01
	UK	2018-10-01
	Canada	2018-10-01
	UK	2018-10-01
	UK	2018-10-01
	US	2018-10-01
	US	2018-10-01
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	Canada	2018-10-02
	Canada	2018-10-02
	US	2018-10-02
	US	2018-10-02
	US	2018-10-02
	US	2018-10-02
	Canada	2018-10-02

Name	Location	Date
	US	2018-10-02
	UK	2018-10-02
	UK	2018-10-02
	UK	2018-10-02
	UK	2018-10-02
	UK	2018-10-02
	Canada	2018-10-02
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	UK	2018-10-02
	UK	2018-10-02
	UK	2018-10-02
	Canada	2018-10-02
	US	2018-10-02
	el paso, Texas, US	2018-10-02
	Canada	2018-10-02
	Canada	2018-10-02
	Haverfordwest, Wales; Cymru, UK	2018-10-02
	US	2018-10-02
	Winnipeg, Canada	2018-10-02
	Plymouth, UK	2018-10-02
	US	2018-10-02





Name	Location	Date
	Canada	2018-10-03
	Canada	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	Lewes, UK	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	US	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Winnipeg, Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	UK	2018-10-03
	Canada	2018-10-03
	UK	2018-10-03
	UK	2018-10-03

Name	Location	Date
	UK	2018-10-03
	Canada	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	Chicago, Illinois, US	2018-10-03
	Canada	2018-10-03
	US	2018-10-03
	Canada	2018-10-03
	Chicago, Illinois, US	2018-10-03
	Meknes, Morocco	2018-10-03
	UK	2018-10-03
	UK	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03
	Charlottetown, Canada	2018-10-03
	Canada	2018-10-03
	Canada	2018-10-03

Name	Location	Date
	US	2018-10-03
	Canada	2018-10-03
	US	2018-10-03
	Ottawa, Canada	2018-10-03
	Canada	2018-10-04
	US	2018-10-04
	Canada	2018-10-04
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	Canada	2018-10-04
	Canada	2018-10-04
	UK	2018-10-04
	Canada	2018-10-04
	Canada	2018-10-04
	UK	2018-10-04
	Canada	2018-10-04

Name	Location	Date
	Canada	2018-10-04
	Chicopee, Massachusetts, US	2018-10-04
	US	2018-10-04
	US	2018-10-04
	UK	2018-10-04
	US	2018-10-04
	Vietnam	2018-10-04
	UK	2018-10-04
	US	2018-10-04
	Canada	2018-10-04
	Canada	2018-10-04
	Canada	2018-10-04
	Canada	2018-10-04
	US	2018-10-04
	Canada	2018-10-04
	US	2018-10-04
	Munster, Indiana, US	2018-10-04
	Ottawa, Canada	2018-10-04
	US	2018-10-04
	Newport, Canada	2018-10-04
	Canada	2018-10-04
	UK	2018-10-04

Name	Location	Date
	Canada	2018-10-04
	US	2018-10-04
	Canada	2018-10-04
	UK	2018-10-04
	UK	2018-10-04
	UK	2018-10-04
	UK	2018-10-04
	UK	2018-10-04
	US	2018-10-04
	Walton, Kentucky, US	2018-10-04
	Canada	2018-10-04
	UK	2018-10-04
	US	2018-10-04
	Canada	2018-10-04
	UK	2018-10-04
	Canada	2018-10-04
	US	2018-10-04
	UK	2018-10-04
	Canada	2018-10-05
	Canada	2018-10-05
	Canada	2018-10-05
	US	2018-10-05

Name	Location	Date
	US	2018-10-05
	US	2018-10-05
	Canada	2018-10-05
	US	2018-10-05
	UK	2018-10-05
	UK	2018-10-05
	UK	2018-10-05
	UK	2018-10-05
	Hamilton, Canada	2018-10-05
	UK	2018-10-05
	UK	2018-10-05
	US	2018-10-05
	UK	2018-10-05
	Canada	2018-10-05
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	US	2018-10-05
	Canada	2018-10-05
	Canada	2018-10-05
	UK	2018-10-05
	Canada	2018-10-05
	UK	2018-10-05
	Canada	2018-10-05

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-10-05
	Canada	2018-10-05
	US	2018-10-05
	UK	2018-10-05
	Canada	2018-10-05
	Canada	2018-10-05
	Canada	2018-10-05
	UK	2018-10-05
	France	2018-10-05
	US	2018-10-05
	Qatar	2018-10-05
	UK	2018-10-05
	Canada	2018-10-05
	Canada	2018-10-05
	UK	2018-10-05
	Canada	2018-10-05
	US	2018-10-05
	Canada	2018-10-06
	US	2018-10-06
	Canada	2018-10-06
	Canada	2018-10-06

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-10-06
	US	2018-10-06
	UK	2018-10-06
	US	2018-10-06
	Canada	2018-10-06
	US	2018-10-06
	UK	2018-10-06
	UK	2018-10-06
	Canada	2018-10-06
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	UK	2018-10-06
	Canada	2018-10-06
	US	2018-10-06
	US	2018-10-06
	Canada	2018-10-06
	UK	2018-10-06
	Canada	2018-10-06
	Lees, England, UK	2018-10-06
	Canada	2018-10-06
	Canada	2018-10-06
	UK	2018-10-06
	US	2018-10-07



Name	Location	Date
	US	2018-10-07
	Canada	2018-10-08
	Canada	2018-10-08
	US	2018-10-08
	Canada	2018-10-08
	Canada	2018-10-09
	Canada	2018-10-09
	Charlottetown, Canada	2018-10-09
	Canada	2018-10-09
	US	2018-10-09
	Canada	2018-10-09
	Cornwall, Canada	2018-10-09
	US	2018-10-09
	France	2018-10-09
	Canada	2018-10-09
	UK	2018-10-09
	Beaver Bank, Canada	2018-10-09
	Charlottetown, Canada	2018-10-09
	Chelsea, NS, Canada	2018-10-09
	Canada	2018-10-09
	UK	2018-10-09
	Canada	2018-10-09

Name	Location	Date
	Canada	2018-10-09
	France	2018-10-09
	Windsor, Canada	2018-10-09
	Canada	2018-10-09
	UK	2018-10-09
	Canada	2018-10-10
	UK	2018-10-10
	Canada	2018-10-10
	Canada	2018-10-10
	US	2018-10-10
	UK	2018-10-10
	Toronto, Canada	2018-10-10
	UK	2018-10-10
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	Canada	2018-10-10
	US	2018-10-10
	Canada	2018-10-10
	UK	2018-10-10
	Canada	2018-10-10
	UK	2018-10-10
	UK	2018-10-10
	Canada	2018-10-10

Name	Location	Date
	UK	2018-10-10
	Canada	2018-10-10
	Canada	2018-10-10
	UK	2018-10-10
	Canada	2018-10-10
	US	2018-10-10
	Canada	2018-10-10
	Canada	2018-10-10
	Falmouth, UK	2018-10-10
	Canada	2018-10-11
	Canada	2018-10-11
	US	2018-10-11
	Canada	2018-10-11
	Canada	2018-10-11
	UK	2018-10-11
	UK	2018-10-11
	UK	2018-10-11
	UK	2018-10-11
	Westville, Canada	2018-10-11
	UK	2018-10-11
	Canada	2018-10-11
	Canada	2018-10-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-10-11
	UK	2018-10-11
	Scotsburn, Canada	2018-10-11
	Stellarton, Canada	2018-10-11
	UK	2018-10-11
	Canada	2018-10-11
	Canada	2018-10-11
	UK	2018-10-11
	Canada	2018-10-11
	Canada	2018-10-11
	France	2018-10-12
	Halifax, Canada	2018-10-12
	US	2018-10-12
	UK	2018-10-12
	US	2018-10-12
	US	2018-10-12
	Canada	2018-10-12
	UK	2018-10-12
	Canada	2018-10-12
	UK	2018-10-12
	Inverness, Canada	2018-10-12
	UK	2018-10-12

Name	Location	Date
	Kings Lynn, England, UK	2018-10-12
	UK	2018-10-12
	UK	2018-10-12
	UK	2018-10-12
	UK	2018-10-12
	Canada	2018-10-12
	Hamilton, Canada	2018-10-12
	Canada	2018-10-12
	Canada	2018-10-13
	Canada	2018-10-13
	Canada	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	Balnaguard, UK	2018-10-13
	Scotland, Scotland, UK	2018-10-13
	US	2018-10-13
	Canada	2018-10-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-10-13
	UK	2018-10-13
	US	2018-10-13
	UK	2018-10-13
	UK	2018-10-13
	US	2018-10-13
	US	2018-10-14
	Canada	2018-10-14
	Canada	2018-10-14
	Mississauga, Canada	2018-10-14
	Pictou, Canada	2018-10-14
	Baddeck, Canada	2018-10-14
	US	2018-10-14
	US	2018-10-15
	UK	2018-10-15
	France	2018-10-15
	Creston, Canada	2018-10-15
	Canada	2018-10-16
	US	2018-10-16
	Canada	2018-10-16
	Canada	2018-10-16
	Hamilton, Canada	2018-10-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-10-16
	UK	2018-10-16
	Canada	2018-10-16
	Brampton, Canada	2018-10-16
	Canada	2018-10-16
	Brampton, Canada	2018-10-17
	Canada	2018-10-17
	US	2018-10-17
	Porters Lake, Canada	2018-10-17
	US	2018-10-17
	Pictou, Canada	2018-10-17
	Frasers Mountain, Canada	2018-10-17
	US	2018-10-17
	Bogotá, Colombia	2018-10-18
	Canada	2018-10-18
	Canada	2018-10-18
	Westville, Canada	2018-10-18
	US	2018-10-21
	Toronto, Canada	2018-10-22
	Canada	2018-10-23
	Orleans, Canada	2018-10-24
	London, UK	2018-10-25

Name	Location	Date
	New Glasgow, Canada	2018-10-25
	Montréal, Canada	2018-10-25
	Yarmouth, Canada	2018-10-25
	Scotsburn, Canada	2018-10-25
	pictou, Canada	2018-10-25
	Pictou, Canada	2018-10-25
	new glasgow, Canada	2018-10-25
	Bible hill, Canada	2018-10-25
	Trenton, Canada	2018-10-25
	Toronto, Canada	2018-10-25
	Mt. Pearl, Canada	2018-10-25
	New Glasgow, Canada	2018-10-25
	Perrysburg, Ohio, US	2018-10-26
	Markham, Canada	2018-10-26
	Oshawa, Canada	2018-10-26
	Saint John, Canada	2018-10-26
	Peterborough, Canada	2018-10-26
	Springfield, Tennessee, US	2018-10-26
	Toronto, Canada	2018-10-26
	Fraserville, Canada	2018-10-26
	Fraserville, Canada	2018-10-26
	Port Hope ON, Canada, Canada	2018-10-27



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Wallace, Canada	2018-10-27
	ajax, Canada	2018-10-27
	London, Canada	2018-10-27
	Toronto, Canada	2018-10-27
	Truro, Canada	2018-10-28
	UK	2018-10-29
	Canada	2018-10-29
	UK	2018-10-29
	Canada	2018-10-29
	Victoria, Canada	2018-10-30
	Oakville, Canada	2018-10-30
	Wichita, US	2018-10-30
	Belfast, UK	2018-10-30
	Lancashire, UK	2018-10-30
	Wetaskiwin, Canada	2018-10-30
	Perth, UK	2018-10-30
	Toronto, Canada	2018-10-30
	Bozeman, US	2018-10-30
	Ottawa, Canada	2018-10-30
	Egham, UK	2018-10-30
	London, UK	2018-10-30
	Rotherham, UK	2018-10-30

Name	Location	Date
	Winnipeg, Canada	2018-10-31
	Palm Harbor, US	2018-10-31
	TERRE COTTA, Canada	2018-10-31
	Bletchley, UK	2018-10-31
	Winnipeg, Canada	2018-10-31
	Toronto, Canada	2018-10-31
	west kelowna, Canada	2018-10-31
	UK	2018-10-31
	Sussex, US	2018-10-31
	Kamloops, Canada	2018-10-31
	Nelson, Canada	2018-10-31
	Brandon, Canada	2018-10-31
	France	2018-10-31
	France	2018-10-31
	Toulouse, France	2018-10-31
	Port Moody, Canada	2018-10-31
	Cornwall, Canada	2018-11-01
	Taber, Canada	2018-11-01
	Lichfield, UK	2018-11-01
	Vancouver, Canada	2018-11-01
	UK	2018-11-01
	Avon, France	2018-11-01

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Harlow, UK	2018-11-01
	Miami, US	2018-11-01
	Liverpool, UK	2018-11-01
	Barrie, Canada	2018-11-01
	Wrexham, UK	2018-11-02
	Wakefield, UK	2018-11-02
	Heinsburg, Canada	2018-11-02
	San Diego, US	2018-11-02
	Los Angeles, US	2018-11-02
	Vancouver, Canada	2018-11-02
	Hemel Hempstead, UK	2018-11-02
	Winnipeg, Canada	2018-11-02
	Clawson, Michigan, US	2018-11-02
	Canada	2018-11-02
	Ashton-under-lyne, UK	2018-11-02
	Brixham, UK	2018-11-02
	UK	2018-11-02
	Rendlesham, UK	2018-11-02
	Stalybridge, UK	2018-11-02
	UK	2018-11-02
	Airdrie, Canada	2018-11-02
	sandy, Utah, US	2018-11-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	UK	2018-11-02
	Knighton, UK	2018-11-02
	Poole, UK	2018-11-02
	Hamilton, Canada	2018-11-03
	Akron, US	2018-11-03
	Crescent city, US	2018-11-03
	Stockport, UK	2018-11-03
	Romford, UK	2018-11-03
	Claygate, UK	2018-11-03
	Comox, Canada	2018-11-03
	Surrey, Canada	2018-11-03
	Victoria, Canada	2018-11-03
	Niagara Falls, Canada	2018-11-04
	Ottawa, Canada	2018-11-04
	newbury, UK	2018-11-04
	Hull, UK	2018-11-04
	Ashford, UK	2018-11-04
	Winsford, UK	2018-11-04
	Montague, Canada	2018-11-04
	Edmonton, Canada	2018-11-04
	Mckinney, US	2018-11-04
	Llanelli, UK	2018-11-04

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Guildford, UK	2018-11-04
	Davis, California, US	2018-11-04
	Houston, US	2018-11-04
	Vancouver, Canada	2018-11-04
	Medicine Hat, Canada	2018-11-05
	Toronto, Canada	2018-11-05
	Vancouver, Canada	2018-11-05
	Scraptoft, UK	2018-11-05
	Elizabethtown, Canada	2018-11-05
	New York, US	2018-11-05
	Shipleigh, UK	2018-11-05
	Findlay, US	2018-11-05
	Winnipeg, Canada	2018-11-05
	Victoria, Canada	2018-11-05
	Prince George, Canada	2018-11-05
	Surprise, US	2018-11-05
	Medicine Hat, Canada	2018-11-05
	Mattice, Canada	2018-11-05
	Cardiff, UK	2018-11-05
	Kokomo, US	2018-11-05
	Toronto, Canada	2018-11-05

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-11-06
	Creston BC, Canada	2018-11-06
	St. John's, Canada	2018-11-06
	Toronto, Canada	2018-11-06
	Vancouver, Canada	2018-11-06
	Canada	2018-11-06
	Preston, UK	2018-11-06
	Québec, Canada	2018-11-06
	Calgary, Canada	2018-11-06
	Minneapolis, US	2018-11-06
	Paris, France	2018-11-06
	Newquay, UK	2018-11-06
	Pointe-du-Chêne, Canada	2018-11-06
	Winnipeg, Canada	2018-11-06
	Baselland, Switzerland	2018-11-06
	London, Canada	2018-11-06
	Bridgend, UK	2018-11-06
	leeds, UK	2018-11-06
	Battle, UK	2018-11-07
	Westville, Canada	2018-11-08
	Pictou, Canada	2018-11-08
	Split, Croatia	2018-11-08

Name	Location	Date
	inclair's island., Canada	2018-11-08
	New Glasgow, Canada	2018-11-08
	ronx, US	2018-11-08
	Drummondville, Canada	2018-11-11
	oncord, US	2018-11-11
	montreal quebec, Canada	2018-11-14
	Winnipeg, Canada	2018-11-14
	0, France	2018-11-14
	ruro, UK	2018-11-14
	rance	2018-11-14
	Meopham, UK	2018-11-14
	New York, New York, US	2018-11-14
	Toniton, UK	2018-11-14
	ridge of weir, UK	2018-11-14
	Chicago, US	2018-11-14
	eeds, UK	2018-11-15
	Mississauga, Canada	2018-11-15
	headle Hulme, UK	2018-11-15
	anada	2018-11-15
	Sancho Murieta, US	2018-11-15
	Sacramento, US	2018-11-15
	Wudbury, Canada	2018-11-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Kanata, Canada	2018-11-15
	Milwaukee, US	2018-11-15
	LONDON, UK	2018-11-15
	Paris, France	2018-11-15
	Brampton, Canada	2018-11-15
	Camberley, UK	2018-11-15
	Minot, US	2018-11-15
	Tecumseh, Canada	2018-11-15
	West Point, New York, US	2018-11-15
	Shrewsbury, UK	2018-11-15
	Toronto, Canada	2018-11-15
	Palm Harbor, Florida, US	2018-11-15
	Lloydminster, Canada	2018-11-15
	Reading, UK	2018-11-15
	Choiceland, Canada	2018-11-15
	Edmonton, Canada	2018-11-15
	Antigonish, Canada	2018-11-15
	Calgary, Canada	2018-11-15
	Cardiff, UK	2018-11-15
	Calgary, Canada	2018-11-15
	Landerneau, France	2018-11-15
	Bloomington, Indiana, US	2018-11-15



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-11-15
	Windsor, Canada	2018-11-16
	Costa Mesa, US	2018-11-16
	Lindfield, UK	2018-11-16
	UK	2018-11-16
	Gillingham, UK	2018-11-16
	Birmingham, UK	2018-11-16
	Sacramento, US	2018-11-16
	New York, US	2018-11-16
	Strathmore, Canada	2018-11-16
	Hacienda Heights, US	2018-11-16
	Stellarton, Canada	2018-11-16
	Fredericton, Canada	2018-11-17
	France	2018-11-18
	Kentville, Canada	2018-11-18
	Montréal, Canada	2018-11-19
	Fort Myers, Florida, US	2018-11-20
	Brampton, Canada	2018-11-20
	Brampton, Canada	2018-11-20
	Cloverdale, NS, Canada	2018-11-20
	El Paso, US	2018-11-21
	Surrey, Canada	2018-11-21

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2018-11-21
	Ilford, UK	2018-11-21
	Dartmouth, Canada	2018-11-21
	STILLWATER, Canada	2018-11-21
	Stroud, UK	2018-11-21
	London, UK	2018-11-21
	Kentville, Canada	2018-11-21
	Wolfville, Canada	2018-11-21
	Trowbridge, UK	2018-11-21
	Niagara Falls, Canada	2018-11-21
	Canada	2018-11-21
	Inverness, Canada	2018-11-21
	Halifax, Canada	2018-11-21
	Hammonds Plains, Canada	2018-11-21
	Bridgewater, Canada	2018-11-21
	Halifax, Canada	2018-11-21
	Docking, UK	2018-11-22
	Gatineau, Canada	2018-11-22
	Harrogate, UK	2018-11-22
	Mississauga, Canada	2018-11-22
	Chilliwack, Canada	2018-11-22
	Luton, UK	2018-11-22

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Bassingbourn, UK	2018-11-22
	Rugby, UK	2018-11-22
	Halifax, Canada	2018-11-22
	Hubbards, Canada	2018-11-22
	Halifax, Canada	2018-11-22
	coizard-joches, France	2018-11-22
	France	2018-11-22
	Saint-Jean-Sur-Richelieu, Canada	2018-11-22
	Fort Payne, US	2018-11-22
	Devon, Canada	2018-11-22
	Victoria, Canada	2018-11-22
	Northwood, UK	2018-11-22
	Mérignac, France	2018-11-22
	Colomiers, France	2018-11-22
	Okotoks, Canada	2018-11-22
	Cambridge, Canada	2018-11-22
	Chester, UK	2018-11-22
	Wickham, UK	2018-11-22
	Bournemouth, UK	2018-11-22
	London, UK	2018-11-22
	Bromsgrove, UK	2018-11-22
	Stellarton, Canada	2018-11-22

Name	Location	Date
	Middlewich, UK	2018-11-22
	Kanata, Canada	2018-11-22
	Halifax, Canada	2018-11-22
	Denton, UK	2018-11-22
	Halifax, Canada	2018-11-22
	Bournemouth, UK	2018-11-22
	Pictou, Canada	2018-11-22
	London, UK	2018-11-22
	Stirling, Canada	2018-11-22
	Fulwood, UK	2018-11-22
	Halifax, Canada	2018-11-22
	Nova Scotia, Canada	2018-11-22
	Edmonton, Canada	2018-11-22
	бровары, Ukraine	2018-11-22
	Port Hawkesbury, Canada	2018-11-22
	Marsden, UK	2018-11-22
	Lunenburg, Canada	2018-11-22
	Lakefield, Canada	2018-11-22
	Norman, US	2018-11-22
	Silver Spring, US	2018-11-22
	Steyning, UK	2018-11-22
	Old Lyme, Connecticut, US	2018-11-22

Name	Location	Date
	Shelburne, Canada	2018-11-22
	Bitterne Manor, UK	2018-11-22
	Halifax, UK	2018-11-22
	Liverpool, UK	2018-11-22
	canning, Canada	2018-11-22
	Sutton Coldfield, UK	2018-11-23
	Surrey, Canada	2018-11-23
	Mississauga, Canada	2018-11-23
	Micklefield, UK	2018-11-23
	Montréal, Canada	2018-11-23
	Saco, US	2018-11-23
	Le Havre, France	2018-11-23
	Glasgow, UK	2018-11-23
	France	2018-11-23
	Glasgow, Scotland, UK	2018-11-23
	Alveston, UK	2018-11-23
	LEED, UK	2018-11-23
	France	2018-11-23
	Thorburn, Canada	2018-11-23
	Durham, UK	2018-11-23
	Truro, UK	2018-11-23
	Westville, Canada	2018-11-23

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Dukinfield, UK	2018-11-23
	Bristol, UK	2018-11-23
	ajaccio, France	2018-11-23
	Hermelinghen, France	2018-11-23
	Toronto, Canada	2018-11-23
	France	2018-11-23
	Cheltenham, UK	2018-11-23
	Memphis, US	2018-11-23
	Aberdeen, UK	2018-11-23
	Victoria, Canada	2018-11-23
	France	2018-11-23
	El Paso, US	2018-11-23
	New Glasgow, NS, Canada	2018-11-23
	Hillsboro, US	2018-11-23
	Earl Shilton, UK	2018-11-23
	Port Coquitlam, Canada	2018-11-23
	Colchester, UK	2018-11-23
	UK	2018-11-23
	London, UK	2018-11-23
	Cachan, France	2018-11-23
	Bangor, UK	2018-11-23
	Winnipeg, Canada	2018-11-23

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Toronto, Canada	2018-11-23
	Scarborough, Canada	2018-11-23
	Fredericton, Canada	2018-11-24
	BENTON, US	2018-11-24
	Mississauga, Canada	2018-11-24
	Calgary, Canada	2018-11-24
	London, UK	2018-11-24
	Ontario, Canada	2018-11-24
	Stockport, UK	2018-11-24
	Toulouse, France	2018-11-24
	Saltford, UK	2018-11-24
	Vitry-sur-seine, France	2018-11-24
	Saint Leonards-on-sea, UK	2018-11-24
	Didsbury, Canada	2018-11-24
	Ottawa, Canada	2018-11-24
	France	2018-11-24
	Peterborough, UK	2018-11-24
	Gennevilliers, France	2018-11-24
	France	2018-11-24
	Holmer Green, UK	2018-11-24
	Scarborough, Canada	2018-11-24
	Halifax, Canada	2018-11-24

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Birstall, UK	2018-11-24
	kalispell, US	2018-11-24
	Kamloops, Canada	2018-11-24
	Sale, UK	2018-11-24
	Hamilton, Canada	2018-11-24
	Saint Helier, Jersey	2018-11-24
	Netherlands	2018-11-25
	France	2018-11-25
	Brampton, Canada	2018-11-25
	Kimberly, US	2018-11-25
	Coatesville, US	2018-11-25
	Alberta, Canada	2018-11-25
	Calgary, Canada	2018-11-25
	Everson, US	2018-11-25
	Edmonton, Canada	2018-11-25
	Wisconsin Rapids, US	2018-11-25
	Clearwater, Canada	2018-11-25
	Bronx, US	2018-11-25
	Issoire, France	2018-11-25
	Surrey, Canada	2018-11-25
	London, UK	2018-11-25
	Memeville, US	2018-11-25



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Falkirk, UK	2018-11-25
	Les Ulis, France	2018-11-25
	London, UK	2018-11-25
	UK	2018-11-25
	Valley Stream, US	2018-11-25
	Sydney, Canada	2018-11-25
	Brest, France	2018-11-25
	Warrior, US	2018-11-25
	Canada	2018-11-25
	Thunder Bay, Canada	2018-11-25
	Paris, France	2018-11-25
	Scholes, UK	2018-11-25
	London, UK	2018-11-25
	Canada	2018-11-25
	Strwiacke, Canada	2018-11-25
	Calgary, Canada	2018-11-25
	Mississauga, Canada	2018-11-25
	Bristol, UK	2018-11-25
	Ogden, US	2018-11-25
	Naples, US	2018-11-25
	Cardiff, UK	2018-11-25
	Hampshire, UK	2018-11-25

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Marvejols, France	2018-11-25
	Hartlepool, UK	2018-11-25
	Bay Shore, US	2018-11-25
	Mill Hill, UK	2018-11-25
	Cerritos, US	2018-11-25
	Ajax, Canada	2018-11-26
	Richmond Hill, Canada	2018-11-26
	Surprise, US	2018-11-26
	Sutton, UK	2018-11-26
	Atlanta, Spain	2018-11-26
	Warman, Canada	2018-11-26
	Wheeling, US	2018-11-26
	Sherwood Park, Canada	2018-11-26
	Orléans, Canada	2018-11-26
	Calgary, Canada	2018-11-26
	Vacaville, US	2018-11-26
	Chippenham, UK	2018-11-26
	Victoria, B.C., US	2018-11-26
	US	2018-11-26
	Callington, UK	2018-11-26
	Winnipeg, Canada	2018-11-26
	MIAMI, US	2018-11-27

Name	Location	Date
	Pine Falls, Canada	2018-11-27
	Peak Forest, UK	2018-11-27
	Winnipeg, Canada	2018-11-27
	Markham, Canada	2018-11-27
	Ottawa, Canada	2018-11-27
	Scotland, UK	2018-11-27
	Gatineau, Canada	2018-11-27
	Oakville, Canada	2018-11-27
	Moncton, Canada	2018-11-27
	Winnipeg, Canada	2018-11-27
	Netherlands	2018-11-28
	Burnaby, Canada	2018-11-28
	Skegness, England, UK	2018-11-28
	greater manchester, UK	2018-11-28
	Chatham, Canada	2018-11-29
	Winnipeg, Canada	2018-11-29
	Port Alberni, Canada	2018-11-29
	port alberni, Canada	2018-11-29
	Winnipeg, Canada	2018-11-29
	Fredericton, Canada	2018-11-29
	Port Alberni, Canada	2018-11-29
	Minneapolis, US	2018-11-29

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2018-11-29
	St. Catharines, ON, Canada	2018-11-29
	Minto New Brunswick, Canada	2018-11-30
	Beaverton, US	2018-11-30
	Calgary, Canada	2018-11-30
	Central District, Hong Kong	2018-11-30
	Longueuil, Canada	2018-11-30
	Seattle, US	2018-11-30
	Springfield, US	2018-11-30
	Saint Petersburg, US	2018-11-30
	Winnipeg, Canada	2018-12-01
	Port Alberni, Canada	2018-12-01
	Charlevoix, US	2018-12-01
	Sebastopol, Australia	2018-12-01
	Espoo, Finland	2018-12-01
	US	2018-12-01
	Aurora, US	2018-12-01
	Table Grove, US	2018-12-01
	Halifax, Canada	2018-12-02
	Dartmouth, Canada	2018-12-02
	Halifax, Canada	2018-12-02
	Toronto, Canada	2018-12-02

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Nova Scotia, Canada	2018-12-02
	Kitchener, Canada	2018-12-02
	Halifax, Canada	2018-12-02
	Smithfield, US	2018-12-03
	Kennetcook, Canada	2018-12-03
	Washington, US	2018-12-03
	Halifax, Canada	2018-12-04
	Courtenay, Canada	2018-12-04
	Nanaimo, Canada	2018-12-05
	Westville, Canada	2018-12-05
	France	2018-12-05
	Brooke, UK	2018-12-05
	Bronxville, US	2018-12-05
	Brownsville, US	2018-12-05
	tourette levens, France	2018-12-05
	Halifax, Canada	2018-12-05
	Lyon, France	2018-12-05
	Manchester, UK	2018-12-05
	Orleans, Canada	2018-12-06
	Newcastle, UK	2018-12-06
	Madisonville, US	2018-12-06
	Bayside, US	2018-12-06

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Castleton On Hudson, US	2018-12-06
	Richmond hill, Canada	2018-12-06
	Pelican Narrows, Canada	2018-12-07
	Blockhouse, Canada	2018-12-07
	Saskatoon, Canada	2018-12-07
	France	2018-12-07
	Vass, US	2018-12-07
	France	2018-12-07
	Brandon, Canada	2018-12-07
	Kitchener, Canada	2018-12-07
	Paris, France	2018-12-07
	Lincoln, UK	2018-12-07
	Mckinney, US	2018-12-07
	Las Vegas, US	2018-12-08
	Winnipeg, Canada	2018-12-08
	France	2018-12-08
	Fougere, France	2018-12-08
	Jericho, US	2018-12-08
	New Orleans, US	2018-12-08
	Colebatch, UK	2018-12-08
	Whitby, Canada	2018-12-08
	Geneseo, US	2018-12-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Buffalo, US	2018-12-08
	Canada	2018-12-08
	Maple, Canada	2018-12-09
	Bury Saint Edmunds, UK	2018-12-09
	Paris, France	2018-12-09
	Saint-Nazaire, France	2018-12-09
	pinxton, UK	2018-12-09
	Edinburgh, UK	2018-12-09
	Pictou, Canada	2018-12-10
	Porters Lake, Canada	2018-12-10
	New Glasgow, Canada	2018-12-10
	Halifax, Canada	2018-12-10
	Dallas, US	2018-12-10
	Hopewell, Canada	2018-12-10
	El Dorado Hills, US	2018-12-10
	New Glasgow, Canada	2018-12-10
	Priceville, Canada	2018-12-10
	Halifax, Canada	2018-12-10
	Petit-Rocher, Canada	2018-12-10
	France	2018-12-10
	Brighton, UK	2018-12-10
	Toronto, Canada	2018-12-10

Name	Location	Date
	Pictou, Canada	2018-12-10
	Stellarton, Canada	2018-12-10
	Canada	2018-12-10
	Caribou island, Canada	2018-12-10
	New glagow, Wisconsin, US	2018-12-10
	stellarton, Canada	2018-12-10
	Wolfville, Canada	2018-12-10
	Halifax, Canada	2018-12-11
	Pictou, Canada	2018-12-11
	Fredericton, Canada	2018-12-11
	Saint Mellons, UK	2018-12-11
	Pictou, Canada	2018-12-11
	Toronto, Canada	2018-12-11
	Pictou, Canada	2018-12-11
	Grimsby, Canada	2018-12-11
	Halifax, Canada	2018-12-11
	Montréal, Canada	2018-12-11
	Moncton, Canada	2018-12-11
	Waukegan, US	2018-12-11
	Port Howe, Canada	2018-12-11
	Cupar, Scotland, UK	2018-12-11
	biglerville, US	2018-12-11



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Digby, Canada	2018-12-11
	Baddeck, Canada	2018-12-11
	Pictou county, Canada	2018-12-11
	Lethbridge, Canada	2018-12-11
	Halifax, Canada	2018-12-11
	Merrimack, US	2018-12-11
	Wolfville, Canada	2018-12-11
	Winnipeg, Canada	2018-12-11
	Stratford, Canada	2018-12-11
	Dallas, US	2018-12-11
	Sydney, Canada	2018-12-11
	New York, US	2018-12-11
	Canada	2018-12-11
	Canada	2018-12-11
	Dartmouth, Canada	2018-12-11
	NEW GLASGOW, Canada	2018-12-11
	tallahassee, US	2018-12-11
	Cap-pelé, Canada	2018-12-11
	Sydney, Canada	2018-12-11
	le pradet, France	2018-12-11
	Nova Scotia, Canada	2018-12-11
	Tahlequah, Oklahoma, US	2018-12-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Hamilton, Canada	2018-12-11
	France	2018-12-11
	Biscarrosse, France	2018-12-11
	New Glasgow, Canada	2018-12-12
	Clark's Harbour, Canada	2018-12-12
	Boston, US	2018-12-12
	Toronto, Canada	2018-12-12
	Sydney, Canada	2018-12-12
	Markham, Canada	2018-12-12
	Canmore, Canada	2018-12-12
	Madeira Park, Canada	2018-12-12
	Ottawa Ontario, Canada	2018-12-12
	Newport, Canada	2018-12-12
	Nelson, Canada	2018-12-12
	Hyderabad, India	2018-12-12
	France	2018-12-12
	France	2018-12-12
	France	2018-12-12
	Toronto, Canada	2018-12-12
	Dallas, US	2018-12-12
	Rockville, US	2018-12-12
	West Covina, US	2018-12-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Buffalo, US	2018-12-12
	Thunder Bay, Canada	2018-12-12
	Ellershouse, Canada	2018-12-12
	London, Canada	2018-12-12
	Thunder Bay, Canada	2018-12-12
	France	2018-12-12
	Ottawa, Canada	2018-12-12
	Shepherds Bush, UK	2018-12-12
	Manvel, US	2018-12-12
	Shreveport, US	2018-12-12
	montreal, Canada	2018-12-12
	Odem, US	2018-12-12
	Halifax, Canada	2018-12-13
	Prince George, Canada	2018-12-13
	Meridian, US	2018-12-13
	Montpellier, France	2018-12-13
	Pictou, Canada	2018-12-13
	Canmore, Canada	2018-12-13
	Calgary, Canada	2018-12-13
	Eagle, US	2018-12-13
	San Leandro, US	2018-12-13
	Peachland, Canada	2018-12-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Clearfield, US	2018-12-13
	Lizard, UK	2018-12-13
	Moncton, Canada	2018-12-13
	Calgary, Canada	2018-12-13
	Quispamsis, Canada	2018-12-14
	Hood River, US	2018-12-14
	Sanford, Colorado, US	2018-12-14
	Fremont, US	2018-12-14
	Georgina, Canada	2018-12-14
	Cambridge, Canada	2018-12-14
	Port Saint Lucie, US	2018-12-14
	saltspring island, Canada	2018-12-14
	Kuala Lumpur, UK	2018-12-14
	Nottingham, UK	2018-12-14
	Worksop, UK	2018-12-14
	Manchester, UK	2018-12-14
	Eccleshall, UK	2018-12-14
	France	2018-12-14
	sparta, US	2018-12-14
	France	2018-12-14
	Halifax, Canada	2018-12-14
	Portugal Cove-St. Philip's, Canada	2018-12-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	lyon, France	2018-12-14
	Halifax, Canada	2018-12-14
	US	2018-12-14
	Melancthon, Canada	2018-12-14
	Hamilton, Canada	2018-12-14
	Summerland, Canada	2018-12-15
	Canada	2018-12-15
	Tatamagouche, Canada	2018-12-15
	Newton Abbot, UK	2018-12-15
	Milan, Italy	2018-12-16
	Toronto, Canada	2018-12-16
	Ottawa, Canada	2018-12-16
	Brampton, Canada	2018-12-16
	Barrie, Canada	2018-12-17
	Halifax, Canada	2018-12-17
	Halifax, Canada	2018-12-17
	Cow Bay, Canada	2018-12-17
	Hampton, Canada	2018-12-17
	Sudbury, Canada	2018-12-17
	Walton, Canada	2018-12-17
	Sarnia, Canada	2018-12-17
	Vancouver, Canada	2018-12-17

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Dartmouth, Canada	2018-12-17
	Asheville, US	2018-12-17
	Ancaster, Canada	2018-12-17
	Bronxville, US	2018-12-17
	Hampton, Canada	2018-12-17
	Varna, Bulgaria	2018-12-18
	Pivka, Slovenia	2018-12-18
	Van Nuys, US	2018-12-18
	Swansea, UK	2018-12-18
	Moonbeam, Canada	2018-12-19
	Toronto, Canada	2018-12-19
	Mississauga, Canada	2018-12-19
	Evans, US	2018-12-19
	Ottawa, Canada	2018-12-20
	Ontario, Canada	2018-12-21
	France	2018-12-23
	Noirmoutier-en-l'Île, France	2018-12-24
	Canada	2018-12-25
	Ashland, Oregon, US	2018-12-28
	BOSTON, Massachusetts, US	2018-12-31
	Davayat, France	2019-01-06
	Courtenay, Canada	2019-02-02

Name	Location	Date
	Ville Saint-Laurent, Canada	2019-02-03
	Charlottetown, Canada	2019-02-03
	Charlottetown, Canada	2019-02-03
	Toronto, Canada	2019-02-03
	Vancouver, Canada	2019-02-03
	Ontario, Canada	2019-02-03
	Inverness, Canada	2019-02-03
	New Glasgow, Canada	2019-02-03
	Calgary, Canada	2019-02-03
	Victoria, Canada	2019-02-03
	Central West River, Canada	2019-02-03
	Halifax, Canada	2019-02-03
	Canada	2019-02-04
	Canada	2019-02-04
	Caribou, Canada	2019-02-04
	River John, Canada	2019-02-04
	Canada	2019-02-04
	Scotsburn, Canada	2019-02-04
	New Glasgow, Canada	2019-02-04
	Caribou River, NS, Canada	2019-02-04
	New Glasgow, Canada	2019-02-04
	Pictou, Canada	2019-02-04

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Halethorpe, US	2019-02-04
	Fairfax, US	2019-02-04
	Greensboro, US	2019-02-04
	Tyler, US	2019-02-04
	Miscou, Canada	2019-02-04
	St. Peter's Bay, Canada	2019-02-04
	Dartmouth, Canada	2019-02-04
	PLFN, Canada	2019-02-04
	miscou, Canada	2019-02-04
	Calgary, Canada	2019-02-04
	Calgary, Canada	2019-02-04
	Collingwood, Canada	2019-02-04
	New Glasgow, Canada	2019-02-04
	Gaspé, Canada	2019-02-04
	Trenton, Canada	2019-02-04
	Pictou Landing, Canada	2019-02-04
	San Jose, California, US	2019-02-05
	Dartmouth, NS, Canada	2019-02-05
	Miscou, Canada	2019-02-05
	Lamèque, Canada	2019-02-05
	Lamèque, Canada	2019-02-05
	Caraquet, Canada	2019-02-05



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Canada	2019-02-05
	Moncton, Canada	2019-02-05
	Miscou, Canada	2019-02-05
	Moncton, Canada	2019-02-05
	Lameque, Canada	2019-02-05
	Caraquet, Canada	2019-02-05
	pictou, Canada	2019-02-05
	Bracebridge, Canada	2019-02-05
	Moncton, Canada	2019-02-05
	Ajax, Canada	2019-02-05
	Nanaimo, Canada	2019-02-05
	Pictou, Canada	2019-02-05
	Trenton, Canada	2019-02-05
	Lamèque, Canada	2019-02-05
	Dartmouth, Canada	2019-02-05
	Antigonish, Canada	2019-02-05
	Toney River, Canada	2019-02-05
	New Glasgow, Canada	2019-02-05
	Clifton, Canada	2019-02-05
	river john, Canada	2019-02-05
	Trenton, Canada	2019-02-05
	Shippagan, Canada	2019-02-05

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Meteghan, Canada	2019-02-05
	Lamèque, Canada	2019-02-05
	Little Brook, Canada	2019-02-05
	Halifax, Canada	2019-02-06
	Pictou, Canada	2019-02-06
	Shippagan, Canada	2019-02-06
	antigonish, Canada	2019-02-06
	Ottawa, Canada	2019-02-06
	Grand Rapids, Canada	2019-02-06
	Pictou, Canada	2019-02-06
	River John, Canada	2019-02-06
	Eskasoni, Canada	2019-02-06
	Pictou, Canada	2019-02-06
	Ptbo, Canada	2019-02-06
	Canada	2019-02-06
	Hauula, US	2019-02-06
	Langley, Canada	2019-02-06
	Toronto, Canada	2019-02-06
	Saulnierville Station, Canada	2019-02-06
	Pictou, Canada	2019-02-06
	Stellarton, Canada	2019-02-06
	Amherst, Canada	2019-02-06

Name	Location	Date
	RR2 Scotsburn, Canada	2019-02-06
	Toronto, Canada	2019-02-06
	West Chester, US	2019-02-06
	London, Canada	2019-02-06
	Roseburg, US	2019-02-06
	Mulmur, Canada	2019-02-06
	Toronto, Canada	2019-02-06
	Lameque, Canada	2019-02-06
	Pictou, Canada	2019-02-06
	Toronto, Canada	2019-02-06
	Coteau Road, Canada	2019-02-06
	Bathurst, Canada	2019-02-06
	stellarton ns, Canada	2019-02-07
	Toronto, Canada	2019-02-07
	Antigonish, Canada	2019-02-07
	PICTOU, Canada	2019-02-07
	Longueuil, Canada	2019-02-07
	Trenton, Canada	2019-02-07
	pictou, Canada	2019-02-07
	Staten Island, US	2019-02-07
	Piscataway, US	2019-02-07
	Toronto, Canada	2019-02-07

Name	Location	Date
	Sittingbourne, UK	2019-02-07
	Pictou, Canada	2019-02-07
	Bristow, US	2019-02-07
	Brooklyn, US	2019-02-07
	Moncton, Canada	2019-02-07
	Halifax NS, Canada	2019-02-07
	Wood Buffalo, Canada	2019-02-08
	Wishaw, UK	2019-02-08
	Navarre, US	2019-02-08
	Trenton, Canada	2019-02-08
	Toronto, Canada	2019-02-08
	pictou, Canada	2019-02-08
	Camarillo, US	2019-02-08
	Wheatland, US	2019-02-08
	Miami, US	2019-02-08
	Salisbury, UK	2019-02-08
	Windsor, Canada	2019-02-08
	Saint Catharines, Canada	2019-02-08
	Tre-boeth, UK	2019-02-08
	Thornhill, Canada	2019-02-08
	Stratford, Canada	2019-02-08
	newark, US	2019-02-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	New Glasgow, Canada	2019-02-08
	Casselton, US	2019-02-08
	North Bay, Canada	2019-02-08
	Victoria, Canada	2019-02-08
	Modesto, Canada	2019-02-08
	Hadfield, UK	2019-02-08
	US	2019-02-08
	Yoronto, Canada	2019-02-08
	Ypsilanti, US	2019-02-08
	Toronto, Canada	2019-02-08
	Minneapolis, US	2019-02-08
	Blockhouse, Canada	2019-02-08
	Farmington, US	2019-02-08
	Calgary, Canada	2019-02-08
	Arthur Ontario, Canada	2019-02-08
	Canada	2019-02-08
	Fredericton, Canada	2019-02-08
	Toronto, Canada	2019-02-08
	Hamilton, Canada	2019-02-08
	Kitchener, Canada	2019-02-08
	Antigonish, Canada	2019-02-08
	Carriere, US	2019-02-08

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2019-02-08
	Gatineau, Canada	2019-02-08
	Scarborough, Canada	2019-02-08
	Winkler, Canada	2019-02-08
	Vancouver, Canada	2019-02-08
	Littleton, Colorado, US	2019-02-09
	Oshawa, Canada	2019-02-09
	Nova Scotia, Canada	2019-02-09
	Warm Springs, US	2019-02-09
	Toronto, Canada	2019-02-09
	Montréal, Canada	2019-02-09
	Halifax, Canada	2019-02-09
	Norman Wells, Canada	2019-02-09
	Manchester, UK	2019-02-09
	Lakehurst, Canada	2019-02-09
	Beaconsfield, Canada	2019-02-09
	Merigomish, Canada	2019-02-09
	Toronto, Canada	2019-02-09
	Barrie, Canada	2019-02-09
	North Augusta, Canada	2019-02-09
	Durham, Canada	2019-02-09
	Mississauga, Canada	2019-02-09

Name	Location	Date
	Richmond, Canada	2019-02-09
	Portslade, UK	2019-02-09
	Horsham, UK	2019-02-09
	Stellarton, Canada	2019-02-09
	Ottawa, Canada	2019-02-10
	Burlington, Canada	2019-02-10
	South Ozone Park, US	2019-02-10
	Kelowna, Canada	2019-02-10
	Winnipeg, Canada	2019-02-10
	Calgary, Canada	2019-02-10
	Toronto, Canada	2019-02-10
	Saint Paul, US	2019-02-10
	Calgary, Canada	2019-02-10
	Sorel-Tracy, Canada	2019-02-10
	Edmonton, Canada	2019-02-10
	Bonney Lake, US	2019-02-10
	Pulham Saint Mary, UK	2019-02-10
	Toronto, Eritrea	2019-02-10
	Cambridge, Canada	2019-02-10
	Mono, Canada	2019-02-10
	Halifax, Canada	2019-02-10
	Manchester, UK	2019-02-10

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Calgary, Canada	2019-02-10
	Oxford, UK	2019-02-10
	Crown Point, US	2019-02-10
	Toronto, Canada	2019-02-10
	Brooklyn, US	2019-02-10
	B, Canada	2019-02-10
	Charlottetown, Canada	2019-02-10
	Keansburg, US	2019-02-10
	Kitchener, Canada	2019-02-10
	Birmingham, UK	2019-02-10
	Aurora, Canada	2019-02-10
	Toronto, Canada	2019-02-10
	Milton, Canada	2019-02-10
	Newcastle upon Tyne, UK	2019-02-10
	Yarmouth, Canada	2019-02-10
	Madoc, Canada	2019-02-10
	Richland, US	2019-02-10
	Halifax, Canada	2019-02-10
	Troy, US	2019-02-10
	Salt Lake City, US	2019-02-10
	Calgary, Canada	2019-02-11
	Toronto, Canada	2019-02-11



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Mississauga, Canada	2019-02-11
	Toronto, Canada	2019-02-11
	Toronto, Canada	2019-02-11
	Burnaby, Canada	2019-02-11
	Delta, Canada	2019-02-11
	Brantford, Canada	2019-02-11
	Arnprior, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Burnaby, Canada	2019-02-11
	Calgary, Canada	2019-02-11
	Delta, Canada	2019-02-11
	MoNTREAL, Canada	2019-02-11
	Springfield, US	2019-02-11
	Delta, Canada	2019-02-11
	New Westminster, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Delta, Canada	2019-02-11
	richmond, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11

Name	Location	Date
	Coquitlam, Canada	2019-02-11
	Burnaby, Canada	2019-02-11
	New Westminster, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Langley, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Langley, Canada	2019-02-11
	Port Moody, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Port Coquitlam, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Canada	2019-02-11
	Surrey, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Burnaby, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Maple Ridge, Canada	2019-02-11

Name	Location	Date
	Richmond, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Port Coquitlam, Canada	2019-02-11
	Edmonton, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Port Coquitlam, Canada	2019-02-11
	Delta, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Port Moody, Canada	2019-02-11
	Coquitlam, Canada	2019-02-11
	Delta, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Port Moody, Canada	2019-02-11
	Port Moody, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11

Name	Location	Date
	Thrissur, India	2019-02-11
	Québec, Canada	2019-02-11
	Lewes, US	2019-02-11
	Rimouski, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Colfax, US	2019-02-11
	Montréal, Canada	2019-02-11
	Charlesbourg, Canada	2019-02-11
	Ormond Beach, Florida, US	2019-02-11
	North Vancouver, Canada	2019-02-11
	Surrey, Canada	2019-02-11
	Burnaby, Canada	2019-02-11
	Calgary, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	v3v 1v8delta, Canada	2019-02-11
	Dartmouth, Canada	2019-02-11
	Maple Ridge, Canada	2019-02-11
	Eastern passage, Canada	2019-02-11
	Charlottetown, Canada	2019-02-11
	Walsall, UK	2019-02-11
	Santa Cruz, US	2019-02-11
	Richmond, Canada	2019-02-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Oshawa, Canada	2019-02-11
	Moncton, Canada	2019-02-11
	st paul, Minnesota, US	2019-02-11
	Gibsons, Canada	2019-02-11
	Sturminster Newton, UK	2019-02-11
	Rochester, US	2019-02-11
	Deux-Montagnes, Canada	2019-02-11
	Hawi, Hawaii, US	2019-02-11
	Dartmouth, Canada	2019-02-11
	Richmond, Canada	2019-02-11
	Hollywood, US	2019-02-11
	Vancouver, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Richmond, Canada	2019-02-11
	Maple Ridge, Canada	2019-02-11
	Richmond, Canada	2019-02-11
	Vancouver, Canada	2019-02-11
	Saint-Placide, Canada	2019-02-11
	Lévis, Canada	2019-02-11
	Chicoutimi, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Fermont, Canada	2019-02-11

Name	Location	Date
	Jonquiere, Canada	2019-02-11
	Sté -rherese, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	La Tuque, Canada	2019-02-11
	Laval, Canada	2019-02-11
	Saint-jean-sur-richelieu, Canada	2019-02-11
	Québec, Canada	2019-02-11
	Magog, Canada	2019-02-11
	Cold Lake, Canada	2019-02-11
	Canada	2019-02-11
	m, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Burlington, Canada	2019-02-11
	Saint hubert, Canada	2019-02-11
	Joliette, Canada	2019-02-11
	Valleyfield, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Blainville, Canada	2019-02-11
	Canada	2019-02-11
	Québec, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Saint-Jérôme, Canada	2019-02-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Sherbrooke, Canada	2019-02-11
	Québec, Canada	2019-02-11
	Calgary, Canada	2019-02-11
	Québec, Canada	2019-02-11
	Beaconsfield, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Sherbrooke, Canada	2019-02-11
	Shawinigan, Canada	2019-02-11
	Magog, Canada	2019-02-11
	Québec, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Saguenay, Canada	2019-02-11
	Ottawa, Canada	2019-02-11
	Sainte-Martine, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	trois-rivières, Canada	2019-02-11
	Sudbury, Canada	2019-02-11
	Saint-Jérôme, Canada	2019-02-11
	Gatineau, Canada	2019-02-11
	Trois-Rivières, Canada	2019-02-11
	lameque, Canada	2019-02-11
	Montréal, Canada	2019-02-11

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Deux-Montagnes, Canada	2019-02-11
	Chandler, Canada	2019-02-11
	Laval, Canada	2019-02-11
	Gatineau, Canada	2019-02-11
	Montreal, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Richmond, Canada	2019-02-11
	Saint-Augustin-de-Desmaures, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Bécancour, Canada	2019-02-11
	Repentigny, Canada	2019-02-11
	Bromont, Canada	2019-02-11
	Québec, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Alma, Canada	2019-02-11
	Toronto, Canada	2019-02-11
	Val-d'or, Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Châteauguay, Canada	2019-02-11



Name	Location	Date
	Charlemagne, Canada	2019-02-11
	Chambly, Canada	2019-02-11
	Canada	2019-02-11
	Montréal, Canada	2019-02-11
	Trois Rivières, Canada	2019-02-11
	Gatineau, Canada	2019-02-12
	MASCOUCHE, Canada	2019-02-12
	L'Épiphanie, Canada	2019-02-12
	st-jean sur richelieu, Canada	2019-02-12
	Trois-Rivièred, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Ste-Catherine-de-la-J.C., Canada	2019-02-12
	Trois-Rivières, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Saint-nicolas, Canada	2019-02-12
	Sherbrooke, Canada	2019-02-12
	Quebec, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Berthierville, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2019-02-12
	Saint-leonard-d'aston, Canada	2019-02-12
	St-joseph-du-lac, Canada	2019-02-12
	St-Jean-sur-Richelieu, Canada	2019-02-12
	Longueuil, Canada	2019-02-12
	Mont Rolland, Canada	2019-02-12
	Saint-Lazare, Canada	2019-02-12
	Delta, Canada	2019-02-12
	brownsburg chatham, Canada	2019-02-12
	Charny, Canada	2019-02-12
	Prince George, Canada	2019-02-12
	WINDSOR, NS, Canada	2019-02-12
	North Vancouver, Canada	2019-02-12
	Pitt Meadows, Canada	2019-02-12
	Sept-îles, Canada	2019-02-12
	Port Coquitlam, Canada	2019-02-12
	Burnaby, Canada	2019-02-12
	quebec, Canada	2019-02-12
	Nicolet, Canada	2019-02-12
	Sept-îles, Canada	2019-02-12
	Brossard, Canada	2019-02-12
	Saint-Amable, Canada	2019-02-12

Name	Location	Date
	Québec, Canada	2019-02-12
	Caraquet, Canada	2019-02-12
	St honore temiscouata sur le lac, Canada	2019-02-12
	Vaudreuil, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Asbestos, Canada	2019-02-12
	Verdun, Canada	2019-02-12
	Ste-marthe-sur-le-lac, Canada	2019-02-12
	Saint-nicolas, Canada	2019-02-12
	brossard, Canada	2019-02-12
	Jonquiere, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Pointe-aux-Trembles, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Orillia, Canada	2019-02-12
	Magog, Canada	2019-02-12
	Richmond, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Pompano Beach, US	2019-02-12
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Athabasca, Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Surrey, Canada	2019-02-12
	Edmundston, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Gatineau, Canada	2019-02-12
	Brossard, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Warwick, Canada	2019-02-12
	Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Saint-jérôme, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2019-02-12
	Brossard, Canada	2019-02-12
	Beauharnois, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Lachine, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Trois -Rivières, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Deux-Montagne, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Ste-Anne-des-Lacs, Canada	2019-02-12
	Longueuil, Canada	2019-02-12
	Atlanta, US	2019-02-12
	Livermore, US	2019-02-12
	Maple Ridge, Canada	2019-02-12
	Saint-georges, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Coquitlam, Canada	2019-02-12
	Orford, Canada	2019-02-12
	Québec, Canada	2019-02-12

Name	Location	Date
	Surrey, Canada	2019-02-12
	Saint-eustache, Canada	2019-02-12
	Rimouski, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Blainville, Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Vaudreuil, Canada	2019-02-12
	Lévis, Canada	2019-02-12
	Labelle, Canada	2019-02-12
	Val-David, Canada	2019-02-12
	L'assomption, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Boucherville, Canada	2019-02-12
	Gatineau, Canada	2019-02-12
	Lorraine, Canada	2019-02-12
	Napierville, Canada	2019-02-12
	Trois-rivières, Canada	2019-02-12
	Sainte Adèle Quebec, Canada	2019-02-12
	Trois-Rivières, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Vaudreuil, Canada	2019-02-12
	Montréal, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Bridgetown, Barbados	2019-02-12
	Montréal, Canada	2019-02-12
	Mont-tremblant, Canada	2019-02-12
	L'Assomption, Canada	2019-02-12
	Île-aux-Noix, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Boucherville, Canada	2019-02-12
	Vaudreuil-Dorion, Canada	2019-02-12
	Montreal, Canada	2019-02-12
	Rimouski, Canada	2019-02-12
	Sherbrooke, Canada	2019-02-12
	Laval, Canada	2019-02-12
	LaSalle Québec, Canada	2019-02-12
	North Vancouver, Canada	2019-02-12
	Saint-nicolas, Canada	2019-02-12
	Prince George, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Winnipeg, Canada	2019-02-12
	Maple Ridge, Canada	2019-02-12
	Duncan, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Surrey, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Ottawa, Canada	2019-02-12
	Longueuil, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Chertsey, Canada	2019-02-12
	Verdun, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Canada	2019-02-12
	Coquitlam, Canada	2019-02-12
	Shannon, Canada	2019-02-12
	Surrey, Canada	2019-02-12
	Delta, Canada	2019-02-12
	Saint-sauveur, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Mont-laurier, Canada	2019-02-12
	Trois-rivières, Canada	2019-02-12
	St-Polycarpe, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Montréal, Canada	2019-02-12



Name	Location	Date
	Maple Ridge, Canada	2019-02-12
	Santo Domingo, Dominican Republic	2019-02-12
	New Westminister, Canada	2019-02-12
	North Vancouver, Canada	2019-02-12
	nelson, Canada	2019-02-12
	Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Burnaby, Canada	2019-02-12
	Lévis, Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Surrey, Canada	2019-02-12
	Surrey, Canada	2019-02-12
	Penticton, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Ottawa, Canada	2019-02-12
	Richmond, Canada	2019-02-12
	New Westminister, Canada	2019-02-12
	Vancouver, Canada	2019-02-12
	Crosby-on-Eden, UK	2019-02-12
	Ellensburg, US	2019-02-12
	terh, US	2019-02-12

Name	Location	Date
	Saint-François-de-la-Rivière-du-Sud, Canada	2019-02-12
	Brighton, UK	2019-02-12
	Toronto, Canada	2019-02-12
	Saint-Damase, Canada	2019-02-12
	Dagenham, UK	2019-02-12
	Gimli, Canada	2019-02-12
	Longueuil, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Sabrevois, Canada	2019-02-12
	Beckenham, UK	2019-02-12
	St Ignace, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Harrowsmith, Canada	2019-02-12
	eskasoni, nova scotia, Canada	2019-02-12
	Saint-Mathieu, Canada	2019-02-12
	Saguenay, Canada	2019-02-12
	Chambly, Canada	2019-02-12
	Cambridge, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Dundas, Canada	2019-02-12
	Greenwood, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Laval, Canada	2019-02-12
	Surrey, Canada	2019-02-12
	St-Hyacinthe, Canada	2019-02-12
	Jonquière, Canada	2019-02-12
	Saint John, Canada	2019-02-12
	Grimsby, Canada	2019-02-12
	Saint-jérôme, Canada	2019-02-12
	Candiac, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Stillwater Lake, Canada	2019-02-12
	Saint-sauveur, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Châteauguay, Canada	2019-02-12
	Sylvan lake, Canada	2019-02-12
	Drummondville, Canada	2019-02-12
	Lakeside, Canada	2019-02-12
	trois-rivieres, Canada	2019-02-12
	Bushnell, US	2019-02-12
	Saint-jérôme, Canada	2019-02-12
	terrebonne, Canada	2019-02-12
	Calgary, Canada	2019-02-12

Name	Location	Date
	Montréal, Canada	2019-02-12
	Tadoussac, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Sherbrooke, Canada	2019-02-12
	Terre Haute, US	2019-02-12
	Burlington, Canada	2019-02-12
	Baie-Comeau, Canada	2019-02-12
	Lac-mégantic, Canada	2019-02-12
	Canada	2019-02-12
	canton tremblay, Canada	2019-02-12
	Jonquière, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Laval, Canada	2019-02-12
	montreal, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Udaipur, India	2019-02-12
	Vancouver, Canada	2019-02-12
	Port Hardy, Canada	2019-02-12
	Dollard-des-Ormeaux, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Châteauguay, Canada	2019-02-12
	Montmagny, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Joliette, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Longueuil, Canada	2019-02-12
	Montreal, Canada	2019-02-12
	Essex, Canada	2019-02-12
	Montreal, Canada	2019-02-12
	Saint-georges, Canada	2019-02-12
	Ottawa, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Markham, Canada	2019-02-12
	Ivory Coast	2019-02-12
	Surrey, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Saint-Eustache, Canada	2019-02-12
	Neuville, Canada	2019-02-12
	Dartmouth, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Laval, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Trois-Rivieres, Canada	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2019-02-12
	Magog, Canada	2019-02-12
	Vaughan, Canada	2019-02-12
	Mont-Royal, Canada	2019-02-12
	Terrebonne, Canada	2019-02-12
	Victoriaville, Canada	2019-02-12
	mississauga, Canada	2019-02-12
	Kitchener, Canada	2019-02-12
	Sept-îles, Canada	2019-02-12
	Sault Sainte Marie, Canada	2019-02-12
	Canada	2019-02-12
	Longueuil, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Chandler, Canada	2019-02-12
	Outremont, Canada	2019-02-12
	Saint-jérôme, Canada	2019-02-12
	lebanon, Oregon, US	2019-02-12
	Beauceville, Canada	2019-02-12
	Leicester, UK	2019-02-12
	Montréal, Canada	2019-02-12
	Toronto, Canada	2019-02-12

Name	Location	Date
	Montréal, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Coaticook, Qc, Canada	2019-02-12
	DARWEN, UK	2019-02-12
	Sherbrooke, Canada	2019-02-12
	Gatineau, Canada	2019-02-12
	Berthierville, Canada	2019-02-12
	Rouyn-Noranda, Canada	2019-02-12
	North Bay, Canada	2019-02-12
	Thetford Mines, Canada	2019-02-12
	Pittsburgh, US	2019-02-12
	Wolfville, Canada	2019-02-12
	Sullivan, US	2019-02-12
	Sherbrooke, Canada	2019-02-12
	Granby, Canada	2019-02-12
	Tunisia	2019-02-12
	Québec, Canada	2019-02-12
	Coquitlam, Canada	2019-02-12
	Canada	2019-02-12
	Ormstown, Canada	2019-02-12
	London, UK	2019-02-12
	North Cadbury, UK	2019-02-12

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Kamloops BC, Canada	2019-02-12
	Newark, US	2019-02-12
	Alma, Canada	2019-02-12
	Mount pearl, Canada	2019-02-12
	Rimouski, Canada	2019-02-12
	Montreal, Canada	2019-02-12
	Coventry, UK	2019-02-12
	Trois-Rivières, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	Willow Grove, US	2019-02-12
	Kirkland, Canada	2019-02-12
	Brampton, Canada	2019-02-12
	Comanche, US	2019-02-12
	Moncton, Canada	2019-02-12
	Québec, Canada	2019-02-12
	Terrebonne, Canada	2019-02-12
	Burnaby, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Windsor, Canada	2019-02-12
	Barrie, Canada	2019-02-12
	Toronto, Canada	2019-02-12



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Edmonton, Canada	2019-02-12
	Sechelt, Canada	2019-02-12
	Magog, Canada	2019-02-12
	Aurora, Canada	2019-02-12
	San Jose, US	2019-02-12
	Trimdon, UK	2019-02-12
	Montréal, Canada	2019-02-12
	Regina, Canada	2019-02-12
	Sarnia, Canada	2019-02-12
	Guelph, Canada	2019-02-12
	Montréal, Canada	2019-02-12
	penticton, Canada	2019-02-12
	Calgary, Canada	2019-02-12
	new-york city, U.S. Outlying Islands	2019-02-12
	Bristol, UK	2019-02-12
	Renfrew, Canada	2019-02-12
	Parrsboro, Canada	2019-02-12
	Norwich, UK	2019-02-12
	Clayton, US	2019-02-12
	Apex, US	2019-02-12
	Lenoir City, US	2019-02-12
	Hinton, Canada	2019-02-12

Name	Location	Date
	Kingston, Canada	2019-02-12
	Port Colborne, Canada	2019-02-12
	Vernon, Canada	2019-02-12
	Penticton, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Lasalle, Canada	2019-02-12
	Toronto, Canada	2019-02-12
	Victoria, Canada	2019-02-12
	Langley, Canada	2019-02-12
	Ottawa, Canada	2019-02-13
	Kingston, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Ottawa, Canada	2019-02-13
	Mississauga, Canada	2019-02-13
	campbell river, Canada	2019-02-13
	Canada	2019-02-13
	Edmonton, Canada	2019-02-13
	Kingston, Canada	2019-02-13
	Canada	2019-02-13
	Brandon, Canada	2019-02-13
	Waterloo, Canada	2019-02-13
	Toronto, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Waterloo, Canada	2019-02-13
	Porter, US	2019-02-13
	Markham, Canada	2019-02-13
	Barrie, Canada	2019-02-13
	London, Canada	2019-02-13
	Ridgeway, Canada	2019-02-13
	Montréal, Canada	2019-02-13
	Portugal Cove-St. Philips, Canada	2019-02-13
	Brandon Mb, Canada	2019-02-13
	London, Canada	2019-02-13
	Wetaskiwin, Canada	2019-02-13
	White City, Canada	2019-02-13
	Maple, Canada	2019-02-13
	Canada	2019-02-13
	Calgary, Canada	2019-02-13
	Fort Saskatchewan, Canada	2019-02-13
	Peace River, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Lower Sackville, Canada	2019-02-13
	Cornwall, Canada	2019-02-13
	Pomaria, US	2019-02-13
	Ottawa, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Sundown, Canada	2019-02-13
	Edmonton, Canada	2019-02-13
	Edmonton, Canada	2019-02-13
	Delta, Canada	2019-02-13
	Mississauga, Canada	2019-02-13
	Sainte-clotilde-de-châteauguay, Canada	2019-02-13
	Kamloops, Canada	2019-02-13
	Calgary, Canada	2019-02-13
	St. John's, Canada	2019-02-13
	richmond, Canada	2019-02-13
	Windsor, Canada	2019-02-13
	Gatineau, Canada	2019-02-13
	Bobcaygeon, Canada	2019-02-13
	Edmonton, Canada	2019-02-13
	oromocto, Canada	2019-02-13
	Canada	2019-02-13
	Mississauga, Canada	2019-02-13
	Angus, Canada	2019-02-13
	Winnipeg, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Scarborough, Canada	2019-02-13
	Lethbridge, Canada	2019-02-13

Name	Location	Date
	Edmonton, Canada	2019-02-13
	Sudbury, Canada	2019-02-13
	Oakville, Canada	2019-02-13
	Ottawa, Canada	2019-02-13
	Tecumseh, Canada	2019-02-13
	George Town, Cayman Islands	2019-02-13
	Guelph, Canada	2019-02-13
	Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Peace River, Canada	2019-02-13
	Knoxville, US	2019-02-13
	London, Canada	2019-02-13
	Prince George, Canada	2019-02-13
	Calgary, Canada	2019-02-13
	Drummondville, Canada	2019-02-13
	Lasalle, Canada	2019-02-13
	North Vancouver, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Brampton, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	West Vancouver, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Lansing, US	2019-02-13
	Brampton, Canada	2019-02-13
	OSHAWA, Canada	2019-02-13
	Milton, Canada	2019-02-13
	Ottawa, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Brockville, Canada	2019-02-13
	DDO, Canada	2019-02-13
	New Delhi, India	2019-02-13
	Brampton, Canada	2019-02-13
	Winnipeg, Canada	2019-02-13
	Scarborough, Canada	2019-02-13
	mission, Canada	2019-02-13
	Surrey, Canada	2019-02-13
	Edmonton, Canada	2019-02-13
	Whitby, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Boucherville, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Brossard, Canada	2019-02-13
	New Westminster, Canada	2019-02-13
	Vancouver, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	St Thomas, Canada	2019-02-13
	Victoria, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Penticton, Canada	2019-02-13
	Surrey, Canada	2019-02-13
	Delta, Canada	2019-02-13
	Baddeck, Canada	2019-02-13
	Тюмень, Russia	2019-02-13
	Calgary, Canada	2019-02-13
	Whitby, Canada	2019-02-13
	West Valley City, US	2019-02-13
	Quesnel, Canada	2019-02-13
	Welland, Canada	2019-02-13
	Burnaby, Canada	2019-02-13
	Brooks Alberta, Canada	2019-02-13
	Calgary, Canada	2019-02-13
	Brampton, Canada	2019-02-13
	Langley, Canada	2019-02-13
	Vernon, Canada	2019-02-13
	Delta, Canada	2019-02-13
	Qualicum Beach, Canada	2019-02-13
	kamloops, Canada	2019-02-13

Name	Location	Date
	India	2019-02-13
	Calgary, Canada	2019-02-13
	Kelowna, Canada	2019-02-13
	Nanoose Bay, Canada	2019-02-13
	Oshawa, Canada	2019-02-13
	Vancouver, Canada	2019-02-13
	Montréal, Canada	2019-02-13
	Oshawa, Canada	2019-02-13
	Southport, UK	2019-02-13
	St. John's, Canada	2019-02-13
	Leslieville, Canada	2019-02-13
	UK	2019-02-13
	Lincoln, Canada	2019-02-13
	Pulborough, UK	2019-02-13
	Coboconk, Canada	2019-02-13
	Summersville, US	2019-02-13
	Hanmer, Canada	2019-02-13
	Gatineau, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Orleans, Canada	2019-02-13
	Ottawa, on, Canada	2019-02-13
	Sutton Coldfield, UK	2019-02-13



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Dartmouth, Canada	2019-02-13
	Sherbrooke, Canada	2019-02-13
	Bradford, Canada	2019-02-13
	Montréal, Canada	2019-02-13
	Kitchener, Canada	2019-02-13
	Portage la Prairie, Canada	2019-02-13
	oshawa, Canada	2019-02-13
	Leduc, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Mississauga, Canada	2019-02-13
	Barrie, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	london, Canada	2019-02-13
	Tottenham, Canada	2019-02-13
	Sudbury, Canada	2019-02-13
	London, Canada	2019-02-13
	Digby, Canada	2019-02-13
	Windsor, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Saskatoon, Canada	2019-02-13
	aberdeen, UK	2019-02-13

Name	Location	Date
	Winnipeg, Canada	2019-02-13
	Walford Station, Canada	2019-02-13
	Repentigny, Canada	2019-02-13
	Hanmer, Canada	2019-02-13
	Valleyfield, Canada	2019-02-13
	Halifax, Canada	2019-02-13
	Kitchener, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Londonderry, UK	2019-02-13
	Bridgewater, Canada	2019-02-13
	Ajax, Canada	2019-02-13
	Mississauga, Canada	2019-02-13
	Courtice, Canada	2019-02-13
	Walsall, UK	2019-02-13
	whitby, Canada	2019-02-13
	Sherbrooke, Canada	2019-02-13
	St. John's, Canada	2019-02-13
	Moncton, Canada	2019-02-13
	Oshawa, Canada	2019-02-13
	Dartmouth, Canada	2019-02-13
	Calgary, Canada	2019-02-13
	London, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Knoxville, US	2019-02-13
	Gatineau, Canada	2019-02-13
	Québec, Canada	2019-02-13
	Maple Ridge, Canada	2019-02-13
	Ottawa, Canada	2019-02-13
	New Hamburg, Canada	2019-02-13
	Halifax Nova Scotia., Canada	2019-02-13
	Halifax, Canada	2019-02-13
	Winnipeg, Canada	2019-02-13
	Truro, Canada	2019-02-13
	Oakville, Canada	2019-02-13
	Coquitlam, Canada	2019-02-13
	Port Robinson, Canada	2019-02-13
	Whitby, Canada	2019-02-13
	Quinte West, Canada	2019-02-13
	Kitchener, Canada	2019-02-13
	Canada	2019-02-13
	Grove Hill, Canada	2019-02-13
	London, UK	2019-02-13
	Maple ridge, Canada	2019-02-13
	new west, Canada	2019-02-13
	Huntsville, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montreal, Canada	2019-02-13
	Montréal, Canada	2019-02-13
	Sherbrooke, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Kanata, Canada	2019-02-13
	Idaho Falls, US	2019-02-13
	Scarborough, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Liverpool, UK	2019-02-13
	Grimsby, Canada	2019-02-13
	Vernon, Canada	2019-02-13
	Pembroke, Canada	2019-02-13
	Pigeon, Michigan, US	2019-02-13
	Kamloops, Canada	2019-02-13
	Brampton, Canada	2019-02-13
	Dallas, US	2019-02-13
	granby, Canada	2019-02-13
	Blind River, Canada	2019-02-13
	Cleveland, Ohio, US	2019-02-13
	Port Coquitlam, Canada	2019-02-13
	Burnaby, Canada	2019-02-13
	Shawinigan, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Berwick, Canada	2019-02-13
	Barrie, Canada	2019-02-13
	Saint-Jérôme, Canada	2019-02-13
	Oshawa, Canada	2019-02-13
	Vancouver, Canada	2019-02-13
	Manchester, UK	2019-02-13
	Fulham, UK	2019-02-13
	Coquitlam, Canada	2019-02-13
	North Battleford, Canada	2019-02-13
	Berwick, Canada	2019-02-13
	Edmonton, Canada	2019-02-13
	Holybourne, UK	2019-02-13
	Calmar, Canada	2019-02-13
	Gravesend, UK	2019-02-13
	Halifax, Canada	2019-02-13
	Coquitlam, Canada	2019-02-13
	Baie-comeau, Canada	2019-02-13
	Barrie, Canada	2019-02-13
	MONTRÉAL, Canada	2019-02-13
	Wolverhampton, UK	2019-02-13
	Kingston, Canada	2019-02-13
	Omemee, Canada	2019-02-13

<b>Name</b>	<b>Location</b>	<b>Date</b>
	London, Canada	2019-02-13
	Winnipeg, Canada	2019-02-13
	Australia	2019-02-13
	Nottinghamshire, UK	2019-02-13
	Montréal, Canada	2019-02-13
	Montréal, Canada	2019-02-13
	Johnson Creek, US	2019-02-13
	Aberdeen, UK	2019-02-13
	Elgin, US	2019-02-13
	London, UK	2019-02-13
	Toronto, Canada	2019-02-13
	Oakville, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	Hamilton, Canada	2019-02-13
	Burnaby, Canada	2019-02-13
	Pembroke, Canada	2019-02-13
	Toronto, Canada	2019-02-13
	India	2019-02-14
	Calgary, Canada	2019-02-14
	Red Deer, Canada	2019-02-14
	Saint John, Canada	2019-02-14
	Vancouver, Canada	2019-02-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Victoria, Canada	2019-02-14
	Vancouver, Canada	2019-02-14
	Stoney creek, Canada	2019-02-14
	Hamilton, Canada	2019-02-14
	Warren, US	2019-02-14
	Port Coquitlam, Canada	2019-02-14
	Val-des-Monts, Canada	2019-02-14
	Gatineau, Canada	2019-02-14
	Georgina, Canada	2019-02-14
	West Vancouver, Canada	2019-02-14
	Chelmsford, Canada	2019-02-14
	Dartmouth, Canada	2019-02-14
	Stratford, Canada	2019-02-14
	Brampton, Canada	2019-02-14
	Burnaby, Canada	2019-02-14
	Calgary, Canada	2019-02-14
	Montréal, Canada	2019-02-14
	East Haven, Connecticut, US	2019-02-14
	Camrose, Alberta, Canada	2019-02-14
	Calgary, Canada	2019-02-14
	castlegar, Canada	2019-02-14
	Murray, US	2019-02-14

Name	Location	Date
	US	2019-02-14
	Vancouver, Canada	2019-02-14
	Chevy Chase, US	2019-02-14
	Sydney, Canada	2019-02-14
	WINNIPEG, Canada	2019-02-14
	Bedford, Canada	2019-02-14
	London, Canada	2019-02-14
	Ottawa, Canada	2019-02-14
	Ajax, Canada	2019-02-14
	Chicoutimi, Canada	2019-02-14
	Whistler, Canada	2019-02-14
	Canada	2019-02-14
	UK	2019-02-14
	Millbrook, Canada	2019-02-14
	Toronto, Canada	2019-02-14
	Mississauga, Canada	2019-02-14
	London, UK	2019-02-14
	London, Canada	2019-02-14
	Newbury Park, US	2019-02-14
	birmingham, UK	2019-02-14
	Georgetown, US	2019-02-14
	chatham kent, Canada	2019-02-14



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Oxnard, US	2019-02-14
	Vancouver, Canada	2019-02-14
	Amritsar, India	2019-02-14
	Calgary, Canada	2019-02-14
	India	2019-02-14
	Castle Gresley, UK	2019-02-14
	Livingston, US	2019-02-14
	Edmonton, Canada	2019-02-14
	Central District, Hong Kong	2019-02-14
	Newcastle, UK	2019-02-14
	Pefferlaw, Canada	2019-02-14
	Halifax, Canada	2019-02-14
	Prince George, Canada	2019-02-14
	L'Épiphanie, Canada	2019-02-14
	Fergus, Canada	2019-02-14
	Ottawa, Canada	2019-02-14
	Thunder Bay, Canada	2019-02-14
	Cliffside Park., New Jersey, US	2019-02-14
	Ajax, Canada	2019-02-14
	Richmond, UK	2019-02-14
	Doncaster, UK	2019-02-14
	Montreal, Canada	2019-02-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Emmet, US	2019-02-14
	Markham, Canada	2019-02-14
	Canada	2019-02-14
	Chillicothe, US	2019-02-14
	Hamilton, Canada	2019-02-14
	Victoriaville, Canada	2019-02-14
	Toronto, Canada	2019-02-14
	Woodbridge, US	2019-02-14
	Alma, US	2019-02-14
	Athabasca, Canada	2019-02-14
	Kingston, Canada	2019-02-14
	Huntingtown, US	2019-02-14
	Kamloops, Canada	2019-02-14
	Prosper, US	2019-02-14
	Toronto, Canada	2019-02-14
	Milton, US	2019-02-14
	Washington, US	2019-02-14
	Coquitlam, Canada	2019-02-14
	London, Canada	2019-02-14
	Sullivan, US	2019-02-14
	Vancouver, Canada	2019-02-14
	Minneapolis, US	2019-02-14

Name	Location	Date
	Gatineau, Canada	2019-02-14
	Sintra, Portugal	2019-02-14
	Longueuil, Canada	2019-02-14
	Orem, US	2019-02-14
	Halifax, Canada	2019-02-14
	New York, US	2019-02-14
	Iligan, Philippines	2019-02-14
	Canada	2019-02-14
	Liverpool, UK	2019-02-14
	Mogadishu, Somalia	2019-02-14
	Victoria, Canada	2019-02-14
	Cambridge, Canada	2019-02-14
	Princeton, US	2019-02-14
	Winnipeg, Canada	2019-02-14
	Saint Thomas, Canada	2019-02-14
	Moose Jaw, Canada	2019-02-14
	Clinton, US	2019-02-14
	Bournemouth, UK	2019-02-14
	Renous, Canada	2019-02-14
	US	2019-02-14
	Montréal, Canada	2019-02-14
	Surrey, Canada	2019-02-14

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Bolton, Canada	2019-02-14
	UK	2019-02-14
	Toronto, Canada	2019-02-14
	Winnipeg, Canada	2019-02-14
	Birmingham, UK	2019-02-14
	Ennismore, Canada	2019-02-14
	Trois-Rivières, Canada	2019-02-14
	Porthcawl, UK	2019-02-14
	Thorold, Canada	2019-02-14
	Lethbridge, Canada	2019-02-14
	Canada	2019-02-14
	Toronto, Canada	2019-02-14
	Matawan, US	2019-02-14
	Coquitlam, Canada	2019-02-14
	MERRILL, US	2019-02-14
	WESTVILLE, Canada	2019-02-14
	Montréal, Canada	2019-02-14
	Longueuil, Canada	2019-02-14
	Edmonton, Canada	2019-02-14
	Port Moody, Canada	2019-02-14
	London, Canada	2019-02-14
	Ottawa, Canada	2019-02-14

Name	Location	Date
	Calgary, Canada	2019-02-14
	St. Albert, Canada	2019-02-15
	Surrey, Canada	2019-02-15
	Mississauga, Canada	2019-02-15
	Calgary, Canada	2019-02-15
	Markham, Canada	2019-02-15
	columbia city, US	2019-02-15
	Toronto, Canada	2019-02-15
	markham, Canada	2019-02-15
	pickering, Canada	2019-02-15
	Trenton, Canada	2019-02-15
	Sydney, Canada	2019-02-15
	London, Canada	2019-02-15
	Victoria, Canada	2019-02-15
	Prince George, Canada	2019-02-15
	Lake Cowichan, Canada	2019-02-15
	Mississauga, Canada	2019-02-15
	Whycocomagh, Canada	2019-02-15
	Newburgh, US	2019-02-15
	Vancouver, Canada	2019-02-15
	Brantford, Canada	2019-02-15
	Sudbury, Canada	2019-02-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Aurora, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Richmond Hill, Canada	2019-02-15
	Okotoks, Canada	2019-02-15
	Calgary, Canada	2019-02-15
	London, Canada	2019-02-15
	Petawawa, Canada	2019-02-15
	Oakville, Canada	2019-02-15
	Niagara Falls, Canada	2019-02-15
	Milton, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Windsor, Canada	2019-02-15
	Milton, Canada	2019-02-15
	Barrie, Canada	2019-02-15
	Kitchener, Canada	2019-02-15
	Matane, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Windsor, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Maple Ridge, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	US	2019-02-15

Name	Location	Date
	Edmonton, Canada	2019-02-15
	Parry Sound, Canada	2019-02-15
	Douglas, Canada	2019-02-15
	Surrey, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Canada	2019-02-15
	Mississauga, Canada	2019-02-15
	Quinte West, Canada	2019-02-15
	Brackendale, Canada	2019-02-15
	Aldergrove, Canada	2019-02-15
	Winnipeg, Canada	2019-02-15
	Surrey, Canada	2019-02-15
	Niagara Falls, Canada	2019-02-15
	Montréal, Canada	2019-02-15
	Levis, Canada	2019-02-15
	Augusta, US	2019-02-15
	Toronto, Canada	2019-02-15
	Wetaskiwin, Canada	2019-02-15
	Belleville, Canada	2019-02-15
	Brooklyn, New York, US	2019-02-15
	Hearst, Canada	2019-02-15
	Toronto, Canada	2019-02-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Waterford, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Burlington, Canada	2019-02-15
	Peterborough, Canada	2019-02-15
	Thunder Bay, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Burlington, Canada	2019-02-15
	Vancouver, Canada	2019-02-15
	Vancouver, Canada	2019-02-15
	Okotoks, Canada	2019-02-15
	Twickenham, UK	2019-02-15
	Toronto, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	penticton, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Canada	2019-02-15
	CODSALL, UK	2019-02-15
	eksjö, Sweden	2019-02-15
	Winnipeg, Canada	2019-02-15
	Abbotsford, Canada	2019-02-15
	Bristol, UK	2019-02-15
	Spruce Grove, Canada	2019-02-15



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Wirral, UK	2019-02-15
	London, UK	2019-02-15
	Montréal, Canada	2019-02-15
	Canada	2019-02-15
	Oakville, Canada	2019-02-15
	Plymouth, UK	2019-02-15
	Ancaster, Canada	2019-02-15
	Birmingham, UK	2019-02-15
	Edmonton, Canada	2019-02-15
	Halifax, Canada	2019-02-15
	Corunna, Canada	2019-02-15
	Mount Royal, Canada	2019-02-15
	Saskatoon, Canada	2019-02-15
	Hamilton, Canada	2019-02-15
	Newmarket, Canada	2019-02-15
	Nashua, US	2019-02-15
	Whitby, Canada	2019-02-15
	Sacramento, US	2019-02-15
	Calgary, Canada	2019-02-15
	London, Canada	2019-02-15
	Barrie, Canada	2019-02-15
	Toronto, Canada	2019-02-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Rigaud, Canada	2019-02-15
	Markham, Canada	2019-02-15
	Mississauga, Canada	2019-02-15
	WINDSOR, Canada	2019-02-15
	Hammonds plains, Canada	2019-02-15
	Nobleton, Canada	2019-02-15
	Northampton, UK	2019-02-15
	Vaughan, Canada	2019-02-15
	Merritt, Canada	2019-02-15
	Corbeil, Canada	2019-02-15
	Fort Frances, Canada	2019-02-15
	Verdun, Canada	2019-02-15
	Centerville, US	2019-02-15
	Hascombe, UK	2019-02-15
	Surrey, Canada	2019-02-15
	North Walsham, UK	2019-02-15
	Southampton, UK	2019-02-15
	Gloucestershire, UK	2019-02-15
	Watford, UK	2019-02-15
	Ankeny, US	2019-02-15
	Camberwell, UK	2019-02-15
	TAMWORTH, UK	2019-02-15

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Morden, UK	2019-02-15
	Tulsa, US	2019-02-15
	Edmonton, Canada	2019-02-15
	Red Deer, Canada	2019-02-15
	Canada	2019-02-15
	Barrie, Canada	2019-02-15
	Toronto, Canada	2019-02-15
	Canada	2019-02-15
	Berea, US	2019-02-15
	Toronto, Canada	2019-02-15
	Belleville, Canada	2019-02-15
	Reading, UK	2019-02-15
	Deal, UK	2019-02-15
	Haisla, Canada	2019-02-15
	Wainwright, Canada	2019-02-15
	House Springs, US	2019-02-16
	Alliston, Canada	2019-02-16
	Surrey, Canada	2019-02-16
	Windsor, Canada	2019-02-16
	Pickering, Canada	2019-02-16
	Toronto, Canada	2019-02-16
	Tears, British Virgin Islands	2019-02-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Caledonia, Canada	2019-02-16
	Ludhiana, India	2019-02-16
	Nelson, B.C., Canada	2019-02-16
	New York, US	2019-02-16
	Manila, Philippines	2019-02-16
	Renfrew, Canada	2019-02-16
	Quesnel, Canada	2019-02-16
	Remington, US	2019-02-16
	Maple, Canada	2019-02-16
	Toronto, Canada	2019-02-16
	Thorndale, Canada	2019-02-16
	Toronto, Canada	2019-02-16
	Tenby, UK	2019-02-16
	Barrie, Canada	2019-02-16
	Red Deer, Canada	2019-02-16
	St Leonard, Canada	2019-02-16
	Montréal, Canada	2019-02-16
	Vancouver, Canada	2019-02-16
	Salmon Arm, Canada	2019-02-16
	Vernon, Canada	2019-02-16
	Surrey, Canada	2019-02-16
	Vancouver, Canada	2019-02-16

Name	Location	Date
	Toronto, Canada	2019-02-16
	Edmonton, Canada	2019-02-16
	Vaughan, Canada	2019-02-16
	Calgary, Canada	2019-02-16
	Vancouver, Canada	2019-02-16
	Abbotsford, Canada	2019-02-16
	Reading, UK	2019-02-16
	Vancouver, Canada	2019-02-16
	Victoria, Canada	2019-02-16
	Southend-on-sea, UK	2019-02-16
	London, UK	2019-02-16
	Montgomery, UK	2019-02-16
	London, UK	2019-02-16
	Hornsey, UK	2019-02-16
	Kindersley, SK, Canada	2019-02-16
	Kelowna, Canada	2019-02-16
	Sherbrooke, Canada	2019-02-16
	London, UK	2019-02-16
	Prescot, UK	2019-02-16
	Penetanguishene, Canada	2019-02-16
	Grange, UK	2019-02-16
	Saint Leonards, UK	2019-02-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Weston-super-Mare, UK	2019-02-16
	Kitchener, Canada	2019-02-16
	Oakville, Canada	2019-02-16
	Temple Grafton, UK	2019-02-16
	Ingleside, Canada	2019-02-16
	Brantford, Canada	2019-02-16
	Swansea, UK	2019-02-16
	York, UK	2019-02-16
	Antigonish, Canada	2019-02-16
	Beachwood, US	2019-02-16
	Reading, UK	2019-02-16
	Sudbury, Canada	2019-02-16
	Brooklyn, New York, US	2019-02-16
	Cambridge, Canada	2019-02-16
	Kitchener, Canada	2019-02-16
	Saint-Jean-sur-Richelieu, Canada	2019-02-16
	Oxford, UK	2019-02-16
	Waterloo, Canada	2019-02-16
	Cochrane, Canada	2019-02-16
	North Bay, Canada	2019-02-16
	durham, UK	2019-02-16
	Pagosa Springs, US	2019-02-16

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Harpenden, UK	2019-02-16
	Stoke-on-Trent, UK	2019-02-16
	Westminster, UK	2019-02-16
	Strathmore, Canada	2019-02-16
	outremont, Canada	2019-02-16
	Toronto, Canada	2019-02-16
	Northallerton, UK	2019-02-16
	Quebec, Canada	2019-02-16
	Jinja, Uganda	2019-02-16
	Maple, Canada	2019-02-16
	Πάτρα, Canada	2019-02-16
	Stamford, UK	2019-02-16
	Cambridge, Canada	2019-02-16
	Windsor, Canada	2019-02-16
	Montréal, Canada	2019-02-16
	Loveland, US	2019-02-16
	Baddeck, Canada	2019-02-16
	Montreal, Canada	2019-02-16
	Fernie, Canada	2019-02-16
	Port of Menteith, UK	2019-02-16
	Stockport, UK	2019-02-16
	Edmonton, Canada	2019-02-17

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Montréal, Canada	2019-02-17
	Westville, Canada	2019-02-17
	Toronto, Canada	2019-02-17
	Slidell, US	2019-02-17
	newry, UK	2019-02-17
	Vancouver, Canada	2019-02-17
	Nanaimo, Canada	2019-02-17
	Fraserburgh, UK	2019-02-17
	Burlington, Canada	2019-02-17
	Philadelphia, US	2019-02-17
	Fredericton, Canada	2019-02-17
	Scarborough, Canada	2019-02-17
	Sault Ste.Marie, Canada	2019-02-17
	Sudbury, Canada	2019-02-17
	Albuquerque, US	2019-02-17
	Maple Ridge, Canada	2019-02-17
	Canada	2019-02-17
	Taylor, Canada	2019-02-17
	Fort Saskatchewan, Canada	2019-02-17
	Lucasville, Canada	2019-02-17
	Etobicoke, Canada	2019-02-17
	Male, Maldives	2019-02-17



<b>Name</b>	<b>Location</b>	<b>Date</b>
	Ottawa, Canada	2019-02-17
	Toronto, Canada	2019-02-17
	Cochrane, Canada	2019-02-17
	Grassmoor, UK	2019-02-17
	Birmingham, UK	2019-02-17
	Slough, UK	2019-02-17
	Montreal, Canada	2019-02-17
	Winnipeg, Canada	2019-02-17
	Loughton, UK	2019-02-17
	Lowestoft Suffolk, UK	2019-02-17
	Phnom Penh, UK	2019-02-17
	Newbury, UK	2019-02-17
	Hornsey, UK	2019-02-17
	Sherbrooke, Canada	2019-02-17
	Pictou, Canada	2019-02-17
	Loughborough, UK	2019-02-17
	Skelmersdale, UK	2019-02-17
	Leoben, Austria	2019-02-17
	Gien, France	2019-02-17
	Virginia Beach, US	2019-02-17
	Ringwood, UK	2019-02-17
	Brampton, Canada	2019-02-17

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Valleyfield, Canada	2019-02-17
	Magog, Canada	2019-02-17
	kitchener, Canada	2019-02-17
	Barons, Canada	2019-02-17
	Union City, US	2019-02-17
	UK	2019-02-17
	North York, Canada	2019-02-17
	Valley Village, US	2019-02-17
	Olopa, Guatemala	2019-02-17
	Saint John, Canada	2019-02-17
	Coventry, UK	2019-02-17
	Charlottetown, Canada	2019-02-17
	Mount Herbert, Canada	2019-02-17
	Penrith, UK	2019-02-17
	Mississauga, Canada	2019-02-17
	Toronto, Canada	2019-02-17
	Worcestershire, UK	2019-02-17
	Edmonton, Canada	2019-02-17
	Milton Keynes, UK	2019-02-17
	Montréal, Canada	2019-02-18
	Rochester, UK	2019-02-18

Name	Location	Date
	Charlottetown, Canada	2019-02-18
	Canada	2019-02-18
	Ottawa, Canada	2019-02-18
	Winnipeg, Canada	2019-02-18
	Belfast, Canada	2019-02-18
	Lake Cowichan, Canada	2019-02-18
	Charlottetown, Canada	2019-02-18
	Canada	2019-02-18
	Pointe-Claire, Canada	2019-02-18
	Abbotsford, Canada	2019-02-18
	Dundee, Canada	2019-02-18
	Key Largo, US	2019-02-18
	Charlottetown, Canada	2019-02-18
	Quesnel, Canada	2019-02-18
	Lloydminster, Canada	2019-02-18
	Brampton, Canada	2019-02-18
	Managua, Nicaragua	2019-02-18
	Montague, Canada	2019-02-18
	Saint Albert, Canada	2019-02-18
	Milton, Canada	2019-02-18
	Sheffield, UK	2019-02-18
	Edmonton, Canada	2019-02-18

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Bournemouth, UK	2019-02-18
	Brossard, Canada	2019-02-18
	Milton, Canada	2019-02-18
	Sutton Coldfield, UK	2019-02-18
	Brixham, UK	2019-02-18
	Doncaster, UK	2019-02-18
	UK	2019-02-18
	Canterbury, UK	2019-02-18
	Woking, UK	2019-02-18
	stoke on trent, UK	2019-02-18
	Albaston, UK	2019-02-18
	Charlottetown, Canada	2019-02-18
	St-mathias, Canada	2019-02-18
	Pune, India	2019-02-18
	Oxford, England, UK	2019-02-18
	Hamilton, Canada	2019-02-18
	Markham, Canada	2019-02-18
	warren bond, UK	2019-02-18
	Charlottetown, Canada	2019-02-18
	Halifax, Canada	2019-02-18
	Oakville, Canada	2019-02-18
	Charlottetown, Canada	2019-02-18

Name	Location	Date
	Winnipeg, Canada	2019-02-18
	Orillia, Canada	2019-02-18
	Canada	2019-02-18
	Eustis, US	2019-02-18
	La Salle, Canada	2019-02-18
	England, North Korea	2019-02-18
	Québec, Canada	2019-02-18
	Edmonton, Canada	2019-02-18
	Charlottetown, Canada	2019-02-18
	Montréal, Canada	2019-02-18
	Gibsons, Canada	2019-02-18
	BISHOPS STORTFORD, UK	2019-02-18
	Irvine, UK	2019-02-18
	liverpool, UK	2019-02-18
	Guelph, Canada	2019-02-18
	Newport, UK	2019-02-18
	Marysville, US	2019-02-18
	Rushden, UK	2019-02-18
	Vancouver, Canada	2019-02-18
	Truro, Canada	2019-02-18
	edmonton, Canada	2019-02-18

<b>Name</b>	<b>Location</b>	<b>Date</b>
	Timberlea, Canada	2019-02-18
	Newmarket, Canada	2019-02-18
	Brampton, Canada	2019-02-19
	Arthur, Canada	2019-02-19
	Vancouver, Canada	2019-02-19
	Calgary, Canada	2019-02-19
	rosemere, Canada	2019-02-19
	Toronto, Canada	2019-02-19
	Vancouver, Canada	2019-02-19
	Dartmouth, Canada	2019-02-19
	Milton, Canada	2019-02-19
	Ottawa, Canada	2019-02-19
	Dartmouth, Canada	2019-02-19
	Lasalle, Canada	2019-02-19
	Woodbridge, Canada	2019-02-19
	Winnipeg, Canada	2019-02-19
	Bandung, Indonesia	2019-02-19
	Middle River, US	2019-02-19
	Puyallup, US	2019-02-19
	Barnsley, UK	2019-02-19
	Northampton, UK	2019-02-19
	Montevideo, Uruguay	2019-02-19

Name	Location	Date
	Gateshead, UK	2019-02-19
	Leeds, UK	2019-02-19
	Dartmouth, Canada	2019-02-19
	Douglasville, US	2019-02-19
	Boyers, US	2019-02-19
	Loretto, Canada	2019-02-19
	Cornwall, Canada	2019-02-19
	Tatamagouche, Canada	2019-02-19

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 9:47:26 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a former resident of the Town of Pictou, I agree that the Mill has provided jobs over the past years. However, that is the past. My understanding is the number of actual people employed on site is around 100. The other jobs relate to the forestry industry. I think it is time to take a step back and find other markets for the wood harvests. The Mill has been polluting Boat Harbour since inception, never mind polluting the air that residents breath. The promise to close Boat Harbour **MUST BE KEPT**, but **UNDER NO CIRCUMSTANCES** should treated waste be dumped into Northumberland Strait. It would be a travesty, not just for N.S., but for PEI, NB, Magdeline Islands, etc. Name: Email: @gmail.com Address

Privacy-Statement: agree x: 44 y: 25



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 9:56:00 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe the existing science and extensive studies on effluent will show it has done little harm to the environment. A balance between the environment and good jobs has to be found we dont need another 1000 Nova Scotians heading west for work!!! Boat Harbour has drained into the Northumberland Strait for 51yrs and has not harmed the fishery. I strongly believe a modern new effluent treatment plant will be a great improvement for the area and allow the Open Septic tank of boat harbor to close even if a one year extension is required. Further to this all effluent leaving NP will now be treated preventing any future risk of a spill!!! Lets keep good jobs in our Forests industry! Thank you Name: Email: @gmail.com Address

: Privacy-Statement: agree x: 72 y: 18

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:05:25 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am from a home town that lost their main industry the little now village of Canso, we died after that, if this assessment is not approved and if the plant is not given an extension even 6 months more would make a big difference, I see the future of Pictou where Canso is now essentially non existent. Keep in mind the people complaining majority are retired so they don't have to worry about staying at home and when discussed with them their response is well the youth will have to go elsewhere to work no regard for us . We want to stay home our families want to. Northern pulp helps families multiple at Christmas I mean multiple disadvantaged families , I have yet to see a fisherman come in to pay for Christmas for a local family. Do not kid yourself they put on poor face but they are millionaires whom are self employed yet get EI in the off season . No one else self employed gets this . It's time people see this for what it is a company trying to right it's wrongs and to save a county. If it is not given the time say goodbye to multiple businesses and to the county in general. This is not just 300 jobs locally this is thousands locally approx 8000 and 12,500 across province maybe more. Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 52 y: 18

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:06:22 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: 2019 and we STILL have NP who allow such destruction in all forms from this out dated Company that relies on the death to our forests ,our waterways our animals on land and aquatic animals. Spewing poison into our Harbour. Ignoring the Indigenous people by destroying their land . Our Government in cahoots with NP since Forever. Cancers and asthma along with other diseases. Can'tt breath in that community. Yet NP thinks they can get a extension. Hell No.

#NOPIPE#NOEXTENSION Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 65 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:21:52 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No need for a federal assessment Government needs to make reasonable regulations and enforce them. I am more concerned about raw sewage entering Northumberland Strait from all the properties that have no or improper septic systems Name: Email: @gmail.com

Privacy-Statement: agree x: 85 y: 32

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:26:10 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Give northern pulp the ok to build the facility and give them the extension so they can run with out a shut down. This project is one of many of its kind we know the technology works and dumping in the strait is nothing new. We need more employers in Nova Scotia that are willing to upgrade old plants and build new ones. I think other company's like Pierdae energy are sitting back watching this unfold and depending the outcome may or may not make the final investment in their gas plant in goldbaro. We need to make Nova Scotia a welcoming place for business's willing to come here. Name: Email: @hotmail.com Address

Privacy-Statement: agree x: 38 y: 34



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:34:04 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It has polluted our beautiful province enough. Tourism and fishing are valuable jobs. Come up with a good compensation package for the employees .I would rather spend tax payers money helping the employees re educate or a compensation package. We should demand if the company wants to remain it has a system where no effluent goes into our waters Name: Email:  
@gmail.com Address: Municipality: :  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 50 y:  
10

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Cc:** [CEAA.BoatHarbour.ACEE@canada.ca](mailto:CEAA.BoatHarbour.ACEE@canada.ca); [info@friendsofthenorthumberlandstrait.ca](mailto:info@friendsofthenorthumberlandstrait.ca)  
**Subject:** Citizen Submission for Northern Pulp's Replacement Effluent Treatment Facility Project  
**Date:** February 20, 2019 10:36:19 AM

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To: Canadian Environmental Assessment Agency (CEAA)  
Re: Support for Federal Environmental Assessment of Northern Pulp's Replacement Effluent Treatment Facility Project

Dear Minister

We are submitting our comments on Northern Pulp's proposed Replacement Effluent Treatment Project.

Our comments are intended to help you decide if Northern Pulp's proposal warrants Environmental Assessment due to the possible adverse environmental effects on the region, and to determine if those effects can be mitigated, eliminated, reduced or controlled.

Addressing directly adverse effects on the environment, the damaging effects of the effluent on Boat Harbour has been very clear. The current proposal of Northern Pulp to move their dumping from that harbour to Caribou Harbour does not in any way reassure us and other citizens of Pictou area that these damaging effects will not occur again. One of the most reliable scientific studies that can be pointed to is the direct results of past actions. The results of pouring pulp effluent into Boat Harbor has tragically harmed that environment and the health and economy of the people living in that environment. The trauma of living by waters that are polluted is evident and long-standing. This evidence alone points to what would be the future of Caribou Harbour and the citizens of our local region should this proposal go ahead as planned. We are writing to be clear that we do not want a repeat of a situation that would cause obvious damage to the environment, the local economy and the people's enjoyment of that environment.

We live directly on Caribou Harbor and participate daily in the enjoyment of its clean, so far, environment, side by side with the lobster fisheries and tourism industries that are based in these waters. In our community, for instance, there are two wharves from where fishermen operate their boats. We have first-hand relationships with them as our neighbours and as part of our local economy. We also live next to a Provincial Park, and the highly popular Pictou Lodge.

Personally, we have been living on this shore for the last 30 years. In the summer we swim in the ocean on a daily basis, and since moving to Caribou Harbour, also enjoy daily walks along the shoreline to Munroe Island. We live next to the Caribou Provincial Park, which would be negatively affected by the dumping of effluent in these waters. This park is one of the most popular in the province, and attracts people from all over the Maritimes, and the country, as well as international visitors. If you have ever visited here to see the beautiful beach and what this area offers, what I am saying would be clear to you.

Besides the local environment and economy, clearly our property values would decrease significantly if we lived on polluted water. What attracts people to live here is this beautiful, fresh, clean environment. Caribou Harbor is a sought-after area now, for these reasons. It is clear that this would change very quickly with the sheer volume of effluent being proposed to be dumped in our water, let alone its toxicity levels.

The current proposal for cleanup of the effluent to make it less toxic does not reassure us that it would be sufficient to mitigate the problems we would be experiencing in the Caribou Harbour region. To this end we request that the Minister, whose job is to protect the environment and the citizens, order an Environmental Assessment Report.

Based on a review of Northern Pulp's past actions and their detrimental effects to the environment and the people that live in the Boat Harbour environment, it seems clear and obvious that the Caribou Harbour environment and the people living here would also be directly affected if this plan went through, especially if done without the checkpoints and monitoring of an Environmental Assessment.



Should there not be an Environmental Assessment, we submit to the Minister that from our point of view we, the public, would have every right and justification for suing our government for lack of protection of the environment and the people affected.

Our hope is that our government will act responsibly and move in the direction of resolving this issue.

Thank you for reviewing our submission.

Respectfully,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:39:23 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The current treatment system planned is a release system off shore not in a harbour or confined testible location and itâ?Ts designed that way to midigate/avoid the ability to scientifically verify any future effects caused by this facilities Effluent period. The NS Government will always be able to avoid dealing with harm done to the environment with this plan as will the company that owns or in future will own this facility, this is s very dangerous path. Job are very important, not just at the mill but also on he waters, this risks the Nova Scotia Brand Of sea food. The company and or our Grovernment must find a better solution for all. Name: Email:

@hotmail.com Address:

Privacy-Statement: agree x: 75 y: 15



**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:54:01 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am in favor of approval of the Northern Pulp Pipeline project. Northern Pulp is of vital importance to economic stability not just of northern Nova Scotia, but the entire province. The new pipeline, from all that I have read will be much cleaner than the Boat Harbour outflow. It is my understanding that where the treated waste exits the pipe, there will be no discernible chemical residue beyond 100 feet of the pipe. Environmental standards are much more stringent than they were 50 years ago. I believe this system meets or surpasses current environmental standards. Therefore it should and must be approved. The naysayers do not appear to have credible evidence, scientifically based, to support their reasoning to deny the pipeline and system that NP are attempting to use. Name: Email: @eastlink.ca Address:

Privacy-Statement: agree x: 74 y: 25

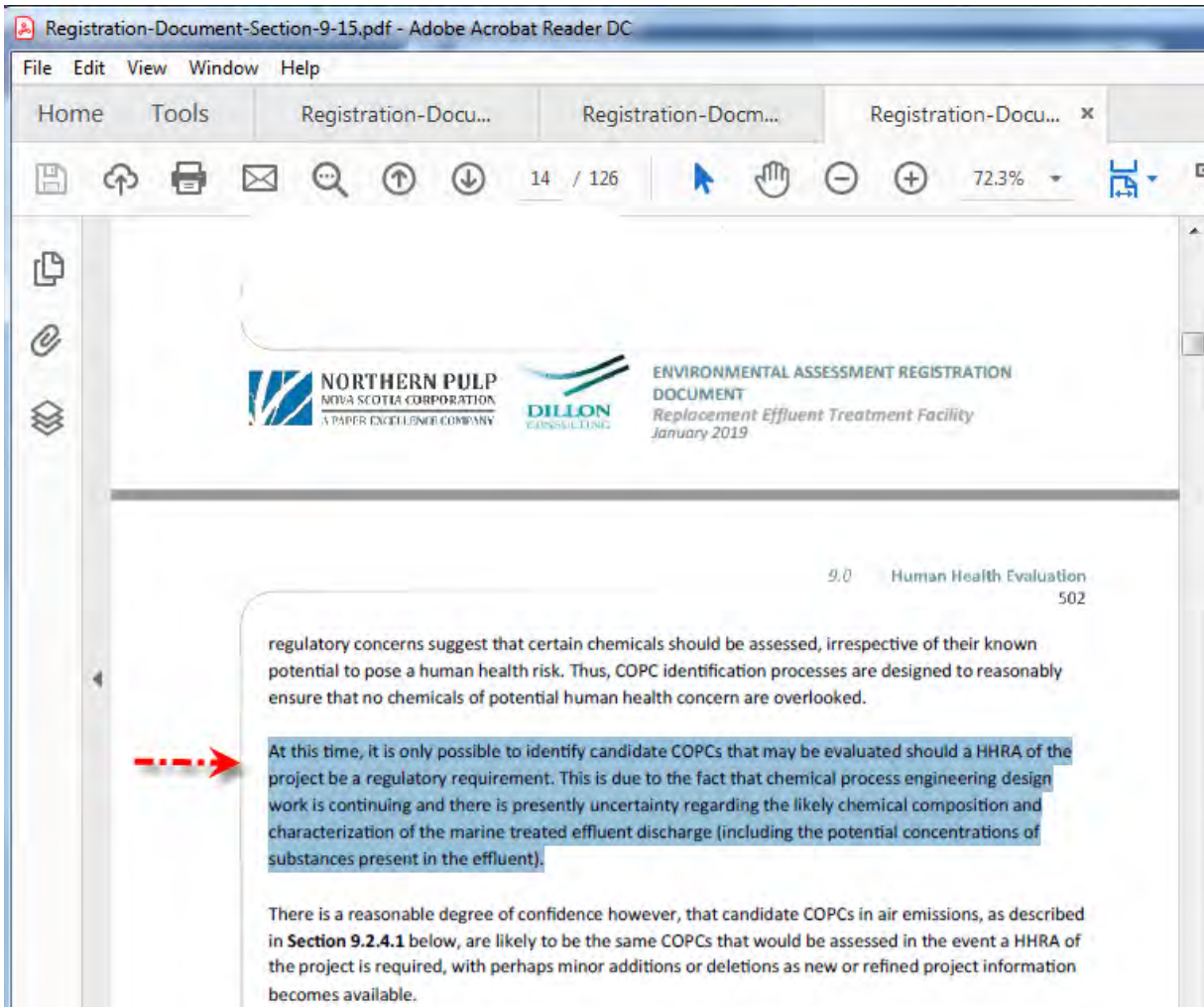
**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Effluent Qualities Unknown! Huge Red Flag ! Feedback opposing the Northern Pulp Waste Proposal  
**Date:** February 20, 2019 10:55:03 AM  
**Attachments:** [image.png](#)

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Hello Premier McNeil and Minister Miller,

This statement within the NP EA is a huge red flag! How can anyone have trust and confidence that this effluent is safe for human health, marine species and the overall environment when the contents are still unknown and will remain unknown until its being pumped into the ocean. At that point, it is too late at 90,000,000 Litres per day!

"At this time, it is only possible to identify candidate COPCs that may be evaluated should a HHRA of the project be a regulatory requirement. This is due to the fact that chemical process engineering design work is continuing and there is presently uncertainty regarding the likely chemical composition and characterization of the marine treated effluent discharge (including the potential concentrations of substances present in the effluent)."



Sincerely,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:58:41 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is 2019 a environmental assessment should of been done long ago. I am tired of the smell the plant produces and we worry for our health from the effects of the mill. Fishing is a huge importance for the province. They shouldnt be even a question if they can dump the effluent in our water!!!! NO!!! The average person is bound to environment standards but people who can pay off other people can flog the system. We need the provincial and federal government to stand up and say enough is enough!! NO PIPE!!

Name: @hotmail.com  
Address:

Email:

Privacy-Statement: agree

x: 76 y: 20

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 11:30:08 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Heres my view, stop giving all our tax dollars away to other countries and spend it on solving Canadas issues,, theres a solution to almost ever problem, but it cost money, money we dont have because people keep trying to save the world while youre boat is sinking in the middle of the Atlantic ocean Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 40 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 11:38:54 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp should be required to treat its effluent internally with a closed-loop system, and should not be allowed to continue polluting our environment in Nova Scotia. I have serious concerns about air quality, water pollution, dioxins and furans, and their impact on surrounding communities health - not to mention the other species that call the Northumberland Strait home. Remember this is home to one of the last remaining Atlantic Salmon populations. This pulp mill has been sucking taxpayer dollars out of this province, poisoning the land and water of Indigenous communities and poisoning the air of everyone, for far too long. This new effluent treatment plan is no better than Boat Harbour, and simply shifts the burden of toxins to a different area. If the pulp mill cannot deal with its effluent internally with a closed-loop system, without foisting its pollution on the surrounding environment, it must be concluded that they are not equipped to function responsibly in our province. This effluent facility should not be approved. Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 52 y: 9



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** End of Northern Pulp not the end of the world  
**Date:** February 20, 2019 11:48:33 AM

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Closing Northern Pulp would not be the end of the world. After all, in 2012 Bowater Mersey in Liverpool and Minas Basin Pulp and Power both closed, with a total loss of 455 jobs, yet Nova Scotia didn't fold. Indeed, there was at least one positive impact resulting from those closures; they reduced the demand for coal-generated electricity and reduced Nova Scotia's GHG emissions significantly.

The closing of Northern Pulp could have several positive effects on our province. First, our emissions from coal-generated electricity would be further reduced; second, the air and water quality in the Pictou area would be greatly improved; third, the threat to our fishery would be removed; and fourth, and most importantly, the loss of jobs in Pictou could lead to the development of many more jobs elsewhere in the province.

If the province lifted the moratorium on hydraulic fracturing the harvesting of our onshore natural gas and the building of pipelines to distribute it would create hundreds of jobs. It would also allow us to cut our CO2 emissions from electricity generation in half and divert millions of dollars from South America where we purchase coal, to Cumberland and Colchester Counties where the bulk of our onshore natural gas is found. Furthermore, it would deliver millions of dollars of income to the government; income that could be used to fund improved health care, education and infrastructure. It could also be used to lower business taxes and help grow our economy for years to come.

The closure of Northern Pulp would not be the end of the world. In fact, it could be the beginning of a bright new world for Nova Scotia.

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 11:49:21 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a retired employee of the mill and I know how important this project is for people who depend on this mill for a living, nearby 10,000 people in all....I did when I worked there having three children and a husband who worked in construction, my Blue Cross for all. of us, drugs, dental and many more benefits...I was able to put two children through university without student loans ...these jobs are important to Nova Scotians.....and our economy....and families need to stay together...not working away and that jobs are suffering out west because of the oil pipeline....  
Name:                      Email:                      @hotmail.com Address:

Privacy-Statement: agree x: 64 y: 12

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 11:58:42 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am very opposed to this. I cant believe that in this day and age that anyone would even consider letting an industry pollute our precious water. I dont care how safe you think it will be it will NEVER BE SAFE and pollution spreads. This is a drastic idea that will have far-reaching effects. A real tragedy if our Government thinks this is ok! Name: Email: @gmail.com Address: Municipality: Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 89 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 12:02:44 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Do not allow the pipe to go into the northumberland straight. Shut the plant down Name: Email:  
@gmail.com Address: Municipality: Postal-Code:  
Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 45 y:  
26

**From:**  
**To:** [Minister, Env; Environment Assessment Web Account](#)  
**Subject:** Northern pulp mill concerns  
**Date:** February 20, 2019 12:04:14 PM

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The Canadian Environmental Assessment Agency  
1801 Hollis Street  
Halifax, Nova Scotia B3J 3N4  
Telephone: 902-426-0564  
Email: ea@novascotia.ca

Dear Minister of the Environment,

I am writing to provide feedback to the Northern Pulp's 1200 page proposal to conduct a new effluent treatment facility at its Abercrombie Point location in respect to whether or not your department should recommend a federal environmental assessment.

Taken from NP proposal:

"The proposed project will consist of building a new effluent treatment facility (ETF) on NPNS property including a pipeline to transport treated effluent to Caribou Harbour. Ultimately, the effluent discharge will be into the Northumberland Strait, as has been the case since 1967 via the existing facility. The installation of a modern engineered diffuser provides an improvement in effluent dispersion. The improvement is such that as unlike the visual impact experienced today, it is anticipated that the effluent plume will not be visible when it reaches the water's surface."

This opening statement shows exactly how the rest of the document will read. NP calls it a "new effluent treatment facility" which in itself should trigger the federal assessment. NP then states that the effluent discharge will be into the Northumberland Strait as has been the case since 1967 via the existing facility. We have seen what that has done to Boat Harbour and the surrounding area so why is it o.k. to continue to pollute the Strait in an area where it will not be visible to the majority of the public. How many people other than fishers will be in boats 4 miles off the coastline? Does this make it o.k. to pump the effluent into the Strait because no one can see it happening or because it has been happening for the last 50 years as the proposal states? Just because the new diffuser will supposedly provide an improvement in effluent dispersion doesn't mean that it is better (see comments below). What about the temperature difference of the effluent? According to NP the area affected will only be 100m from the discharge site. This is based on supposition not scientific fact and will have severe consequences to the fisheries (food over pulp please) for years to come.

Potential environmental effects are identified and predicted for both the construction and the operation and maintenance phases of the project. The residual environmental effects of each project phase are evaluated as either not significant ("NS"), significant ("S"), with the likelihood of occurrence identified in such cases, or positive ("P"). The environmental effects of accidents, malfunctions and unplanned events as well as cumulative environmental effects of the project in combination with other past, present, or reasonably foreseeable future projects or activities are also assessed.

The table that is listed on page xxiv of the proposal summarized the studies, and the effect of the project for the significance of the project related residual environmental effects of the project. I was amazed to see that all categories were predicted as NS - No Significant Residual Environmental Effects Predicted. However, in reading further into the proposal I have discovered many other areas of concern.

"Detailed design has not been completed for the construction of the marine outfall and pipeline. The preferred method for trenching the marine pipeline will likely be by side-cast excavation methods with re-use of bottom materials without bringing to surface". And comments such as "The treated effluent is anticipated to meet compliance"etc. are littered throughout the document. The whole document is written with "not been completed" or "to be determined". On numerous items the proposal states that it is not possible to know or needs more assessment due to the pipeline being defined in the fall of 2018. Again another reason for a federal assessment.

Although NP has had 5 years to adjust to the new reality that Boat Harbour was closing, they have submitted a half-baked proposal, at the 11 hour with lots of what if and projections without any scientific data to back them up. This is not the fault of the population of Nova Scotia but we will have to suffer the costs both in air and water quality for NP dragging their feet and now trying to ram their proposal through.

As one writer to the Herald stated "If one lobster from the Northumberland Strait is found to be tainted with chemicals, it will not be recorded as a Northumberland Strait lobster, but a Maritime lobster. The whole Maritime fishing industry is at stake.

The damage that NP has done to the forests of Nova Scotia should also be considered.

The Lahey report summaries that there is and has been too much clear cutting in Nova Scotia and the health of the forest ecosystems and wildlife is declining as a result. Coupled with the spraying of Glyphosate (a herbicide that remains the world's most ubiquitous weed killer that has raised concerns regarding risk of cancer to those exposed to it by 41%), the whole project should be studied from all sides and definitely in depth. A federal proposal is required.

I understand that jobs are at stake here but there is more to consider than the economic benefit from one mill. There will always be a market for lumber and the independent foresters and the majority of Nova Scotians would like to see changes to the clear cutting that NP has been getting away with for so long. There are other industries that are affected by NP destruction of the environment notably the fisheries (1 Billion) and tourism (2.7 billion). Together these two industries outstrip the benefits of NP.

The health reasons of dumping 85,000 litres per day of a noxious mixture of dioxins, furans, metals and solids and other contaminants into a water source is inconceivable to me in this day and age of knowledge. Coupled with that, the mill wants to burn the sludge in the power boiler. This is the same boiler that has failed stack emissions tests (Northern Pulp's failed stack test happened the week of June 6 at a reading of 224, 50% over allowable levels) although I understand from NP proposal that "A frequent exceedance is defined as one that occurs more than 1% of the time".

On page 140 under section 8.1.2.2 the proposal states that there have been no exceedances of maximum allowances. This is based on their own assessment. In the proposal NP quotes a recent paper by Hoffman et al. (2017) who evaluated ambient air levels of seven volatile organic compounds (VOCs), based on ambient monitoring data reported from the National Air Pollution Surveillance Network (NAPS). There are two NAPS monitoring stations near the NPNS mill that have historically monitored for VOCs. This paper focused on ambient monitoring data for the following VOCs: chloroform; 1,3-butadiene; vinyl chloride; benzene; carbon tetrachloride; trichloroethylene; and, perchloroethylene. The paper reported that results of the conducted temporal and spatial statistical analyses indicated that 1,3-butadiene, benzene, and carbon tetrachloride air concentrations routinely exceeded EPA air toxics-associated cancer risk thresholds, and that 1,3-butadiene and perchloroethylene levels in air were significantly higher when the prevailing wind direction blew from the northeast and the NPNS mill towards the Granton NAPS site. Conversely, when prevailing winds originated from the southwest towards the mill, higher median VOC air toxics concentrations at the NAPS site, except carbon tetrachloride, were not observed. These outcomes have not been corroborated by regulatory agencies or other parties at this time. While this study was quick to attribute elevated ambient VOC concentrations to the NPNS mill based on a spatial and temporal evaluation only (i.e., a statistical evaluation of ambient data in correlation with wind direction, without further site specific investigation), it did not attempt to rule out contributions from other potential sources of VOCs in the area (e.g., transportation sources, or other industrial sources like the Michelin tire plant or the Trenton coal-fired power plant, presumably all sources of VOC emissions to some degree). So NP refuses to believe that they could be the source of air pollution but would prefer to blame it on other industries in the area.

As far as the total environment foot print, meeting current PPE regulations does not mean that harm is not happening. Regulations for pulp mills were updated in 1992 and are concerned with biochemical demand and suspended solids. As it stands now, there are no CCME guidelines established for some of the different chemicals and compounds that make up the pulp mill effluent. It is not acceptable to follow 27 year old legislation so once again, a federal assessment should be considered.

The new treatment facility is being touted as better than the old. I have several concerns and comments on this. It is my understanding that the current set up has the discharge going into the Northumberland Strait after a 12 hour

primary treatment in the settling ponds, then moves to an aeration basin where effluent is placed in contact with micro-organisms and sits there for 8 days after which the effluent is discharged into Boat Harbour lagoon (basin) where it remains for an additional 20-30 days. Further aeration, settling, cooling, volatilization and breakdown of materials take place during that time. In the proposed new Activated Sludge Treatment (AST) system on the mill site, effluent will move through a primary clarifier to an aeration basin using micro-organisms to break down pollutants, and then to a secondary clarifier. The process will take less than 24 hours. Northern Pulp states that effluent from the new system, including an added oxygen delignification system, will be similar to treated effluent leaving the present system at point C, with some (unspecified) reduction in biochemical oxygen demand (BOD.) However, the effluent being released from the proposed new system directly into the deep waters of the Strait will not benefit from the considerable reduction in BOD, Total Suspended Solids (TSS) and other contaminants including heavy metals which takes place during the 20-30 days that effluent presently remains in the Boat Harbour Basin stabilization lagoon. Northern Pulp has not provided a detailed comparison between the effluent which presently reaches the edge of the Strait and the effluent they propose to release into the fishing grounds with the new system. The present effluent outfall location at the shore edge does not disperse effluent in the Strait in the same way that the proposed new outfall site would. With the proposed new system, 70+million litres of treated effluent would be pumped directly and continuously into the prime fishing areas of the Strait every day.

Ocean environments are increasingly stressed. The Northumberland Strait Ecosystem Overview Report, prepared for DFO in 2007, documents increasing stresses on the Strait. To state that there are other industries producing stresses does not make it alright for NP to increase this toxicity and to think otherwise is just plain insanity.

In terms of toxicity, my understanding is that there is only one test required to meet federal regulations. This test measures acute toxicity -- whether 50% of rainbow trout die when exposed to effluent for 96 hours. It does not measure impacts on fish growth or reproduction or on fish habitat. No toxicity test on salt water fish is required to meet federal regulations. There are no federal regulations for a number of known harmful substances in pulp effluent, including AOX and phenols so further study is needed before this pipe is installed. We cannot wait for updated PPER legislation slated for publication in 2022.

NP lists Alternatives Considered for Final Discharge Location or Method. Discharging into Pictou Harbour is not recommended due to the lack of mixing with the Strait (as if mixing with a larger body of water is acceptable), Release into the Middle River upstream was not considered due to expectations that it will increase chlorides in the Middle River and potentially affect the maintenance of the equipment at the Middle River Pumping Station and inside the mill (but once again it is o.k. to dump on fishing grounds). The municipal stations and private facilities do not have the capabilities to handle the volume nor is a land based option available because as proposal states: Land application of wastewater effluent has not yet been approved in Nova Scotia (small wonders), Trucking or barging the sludge to a different location is not recommended. I found the barging comments interesting: A pier for barge loading would be necessary - assumed to not be at the NPNS mill location. Liquid would have to be either stored and trucked or stored and pumped to a facility to offload to an ocean going barge/tanker to be discharged outside of coastal waters in an approved area, with a large number of tankers. There would be increased industrial vessel movements in the Northumberland

Strait, potentially disrupting fisheries. Project specific permits would be required as the effluent does not fall under materials permitted to dispose of offshore. NP is concerned about the increase in traffic in the Strait but not about the effluent that will be pumped there. Why would they need project specific permits if effluent does not fall under material permitted to dispose of offshore but using a pipeline to dump the effluent is allowed?

A closed loop system is not economically viable according to Northern Pulp. NP also states: The main problems with the bleach plant effluent recovery are equipment corrosion and accumulation of chloride and non-process elements in the mill's water systems. Accumulation of chlorides and potassium are especially corrosive for the mill's boilers and often lead to scale build-up which would require the replacement of the boiler over time. However NP also argues that it would not be economically viable for NP however they are quick to boast of the annual volume of income at \$535 million. If the chemicals used are too corrosive for the river and too corrosive to recycle in their own equipment, how can pumping the effluent into the Northumberland Strait be a viable solution? Surely dispersing sludge over a larger area is not the answer. And what happens if NP sticks around until the end of the lease in 2030. Who is going to clean up the mess then? Who is going to compensate the fishing and tourist industry? This are too many other stakeholders involved to let this go through without a Federal Assessment.

I haven't even commented on the state of the health industry in Nova Scotia that could use the money being spent

on NP. NP has already received \$127 million dollars in tax payer's dollars over the years. We have paid for the design process of the proposed effluent process at a cost of \$6 million dollars and will be expected to cover the cost of the construction, installation, labour etc. for the proposed pipe estimated at \$100 million dollars. How can NP be allowed to pollute the environment as they have in the past and how can we as citizens believe anything that NP puts out in the media about how wonderful they are when history has shown otherwise? I would rather put my tax dollars towards the penalty of breaking the lease if need be.

On top of all that, I have now read that there is a conflict of interest from the minister of the environment: As Ecojustice wrote on behalf of Friends of the Northumberland Strait, "the minister has a clear financial interest in making sure the environmental assessment process is over and done with as quickly as possible. Our clients also say the minister's ongoing contracts with Northern Pulp give the impression that the minister is not able to make a fair decision about whether or not to approve the project. These conflicts of interest violate the public's right to a thorough and unbiased assessment. That is why we are calling on the minister to step away from the assessment process and make way for a federal environmental assessment."

In summary, a federal assessment is required. I will accept the outcome of that but nothing less.  
Sincerely,



**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 12:35:19 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I don't support the  
pipe into the Strait, period! Name: Email: @outlook.com  
Address:

Privacy-Statement: agree x: 80 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 2:01:52 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am years old and i have breathed and tasted the stench in my mouth.I recall as a child the horrible smell

and studies prove whats causing it!! West river is which has killed many people throughout the years. Did you know this water has not been tested for over 20 years? paid to have the water and soil tested after many fish died and were all around the coastline then DOF put signs all around the lake that reads contaminated shellfish. Last July 2018 i called Pictou several times who told me they do not do the water and soil testing i explained my concern about the dogs that died in the lakes in Halifax 2018 from bacteria in the water i simply was told by her just dont let your dogs in the water i was giving the number of DOF and r came the next day but guess what they dont test the water either the next day Pictou RCMP arrived at my door wondering why he was called?? i did not call him DOF did. After many phone calls and much frustration i was told by NS environment ..NS DOF ...and pictou municipality no one does testing nor follow ups in this water i was told. I have brought my concerns and left it with my MLA Karla MacFarlane who is looking into it since July 2018. My questions are ~ Who will be monitoring the waters surrounding this pipe? what is in the effluent and where will this pipe end? we the public deserve these answers and proper information to be detailed before ANY approval we are fighting our own government for clean air and water which in my opinion is a disgrace!! Shut that cancer polluting mill down its way past its stay here in Pictou County

Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 73 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 2:39:34 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the protection of The Northumberland Strait from Northern Pulp. I support PLFN. I support our fishermen and fisherwomen. I support The Fishery. I support the rock crab nurseries located in The Northumberland Strait, Caribou Harbour. I have read that, excavating a trench through the center of this very special ecosystem, by Northern Pulp, may spell the end of this nursery and threaten the lobster fishery in this area. I support the Environment - Land, Air and Water. I support the clean-up of Boat Harbour. #protecttheprolificfisheryofNovaScotiaandPEI #thankyou #nopipe #noextension Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 72 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 3:54:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: To whom this may concern I have been a resident in the Pictou County area all of my life. I am 51 years old with grandchildren. My concern of this facility and their shortfall on facts of the serious adverse affects this may have on our land and sea. I do understand the complexity of this regarding job loss, spin offs however when a reasonable consideration of this projected pipe into our rich fishing grounds and beaches is compromised... where is the scale of risk leaning? I for 1 am very proud of our diverse industries ie tourism, fishing... I worked in both and I know first hand the loss as a community to share our riches with the world will be affected. I am putting my trust in you to lead us through this and do the right thing.. Safe air, safe water and land.. that is a reasonable request. Please stop this abuse of our community and be proactive in ceasing this pollution. Our lives and welfare depend on just that. Respectfully

Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 58 y:



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 5:17:12 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp should be given the extension on Boat Harbour and the new system be installed and this new system will be an updated more advanced and more efficient than the old one. It will save our forest industry and the nova Scotia economy and no harm to the Fisheries. Name:

Email: @gmail.com Address:

: Privacy-

Statement: agree x: 57 y: 12

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 5:58:35 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have 3 comments: 1. The proposed effluent creation is a function of one possible mechanical process to create pulp. There are more modern clean alternatives to pulp creation. 2. I believe people and industry would be willing to help fund the cleaner process. Of course the stake holders should carry the bulk of that expense. 3. Long term environmental impacts are not known therefore the question should not be considered answered appropriately by the applicant. Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 66 y: 9

**From:** @grandnarrows.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 6:20:14 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Please stop this poison!  
We need new sources of power!! Name: Email: @grandnarrows.com  
Address:

: Privacy-Statement: agree x: 41

y: 31



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 7:14:11 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I heard about the destruction of Boat Harbor due to Northern Pulp before my first vacation to our East Coast. The air pollution was a horrible stench and sight when we were in the area. How can you as the Government even consider allowing another effluent pipe to be built? We as Canadians and the rest of the world have to know that are oceans and their sea life cannot be replaced or repaired. Stop the Pipe and close them down. Name: Email:

@gmail.com Address:

: Privacy-Statement: agree

x: 88 y: 21

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 7:48:05 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel that it is time to close the Boat Harbour Facility and replace it with a modern treatment facility. If this new facility meets the requirements that are set by the various government agencies then it should be allowed to proceed. The future of this project should not be dictated by a group of people who have a different view point of the regulations required to operate an effluent treatment. They were not experts nor are they elected to make the laws and regulations that need to be met. That is your job, do it. Name: Email: @ns.sympatico.ca Address:

: Privacy-Statement: agree x: 67 y: 22

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 9:05:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support this project and would like you to approve it. Name: Email:

@gmail.com Address:

: Privacy-Statement:

agree x: 49 y: 36

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 9:12:47 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The northern pulp mill is a vital part of the rural economy in nova scotia. Other pulp mills across canada operate within the regulations set forward buy our government. If this new system can operate safely and within the guidelines described for releasing treated effluent into a water body then i would accept a decision from the department of environment allowing the project to move forward.

Name:                      Email:                      @hotmail.com Address:

Privacy-Statement: agree x: 81 y: 16

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 20, 2019 10:32:31 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am strongly opposed to the dumping of any dilution of effluent into the Northumberland Strait. There is no possible way to know the short or long term effects of such a project. The technology exists to produce Kraft with other methods, our citizens should not have to sacrifice our environment because a company cant or wont invest in a different process. Name: Email:

@yahoo.ca Address:

Privacy-Statement:

agree x: 66 y: 9

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 3:56:45 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipe into Northumberland Strait. This is just wrong on so many levels and our environment is a necessity that must be protected at all costs.what we breathe is already affected by this mill and we cant afford to let it affect one of our food sources.This mill is not a necessity to our future but our oceans are. There is no way that this wont affect us in a negative way. NO PIPE  
Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 53 y: 20

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 7:39:19 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Dear Minister, Thank you from the opportunity to comment on Northern Pulp's environmental assessment registration document. I will preface my remarks by saying, I studied environmental assessment many years ago at Dalhousie University that I have prepared an environmental assessment registration for a project in Nova Scotia, and I am a landscape architect with a background in beaches and shoreline processes. I understand the difficult situation the Minister and the Province find themselves in with respect to closing Boat Harbour and the associated requirement for Northern Pulp to provide an acceptable alternative effluent treatment and disposal plan. I have visited Boat Harbour, and it is an environmental disaster with concentrations of chemicals in the bottom sediments. Hopefully it can be remediated successfully and the years of exposure that Pictou Landing First Nations had to endure must end. Any proposal that involves dumping millions of litres per day of a chemical process effluent into the Northumberland Strait at Caribou Harbour requires careful consideration of the potential environmental impacts at source, at the outfall and downstream . The absolute minimum requirements to assess the potential impacts are : 1] A clear understanding of the chemical composition of the effluent , 2] The design of the outlet, 3 ] Good baseline information on the Northumberland Strait marine environment and processes, 4 ] A demonstrable appreciation of the risk factors at the outlet location such as sediment migration and wave energy. 5.] Consideration of the potential impacts of extreme storm or wave events generated in part by climate change. The Registration Document for Northern Pulp's proposed effluent treatment plan fails to provide critically important information which is essential to proper environmental assessment. It states on page 502 "there is presently uncertainty regarding the likely chemical composition and characterization of the marine effluent discharge". It further admits in 9.2.4 that there are two sources of chemicals of potential concern that may result in potential chronic human exposure to project related chemicals. The potential impacts on the health of area residents must be known and properly evaluated before approval of this project. The document states there is no detailed design available for the main effluent outlet, and that the proposal in the Registration document was prepared without field work in the marine environment. There is no specific discussion or assessment of the potential impacts of climate change in the Registration document. The environment of the proposed effluent outfall is a dynamic, shallow, drowned shoreline with sediment movement that is subject to periodic extreme storm events as low pressure systems track into the Gulf of Saint Lawrence. The proposed effluent outfall location is in close proximity to a site of ecological significance at Monroe's Island, an important Provincial Campground and Day Use park at Caribou , and it sits at one of the key tourism entry points to Nova Scotia. The impacts of any potential catastrophic failure of the treatment system would be amplified by this very public and ecologically sensitive location. Any mechanical system is potentially subject to failure and the impacts of such a potential failure cannot be adequately assessed without knowledge of the chemical composition and physical characterization of the effluent. The deficiencies in the document raise serious concerns with respect to its conclusions on the potential significant environmental effects on the valued ecosystem components. The conclusions indicate there will be no significant effects on all components. I submit that without knowing what the effluent contains these conclusions are scientifically impossible. I understand the economic importance of Northern Pulp to Nova Scotia and I sincerely hope that an environmentally acceptable alternative effluent treatment





**From:** @gmail  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 10:34:27 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It is a real shame that governments and businesses around the world will not join together to ban the bleaching thus eliminating this pollution everywhere. In the meantime a federal assessment is needed. Even so the pipe is no solution. NO PIPE!! Furthermore it is sickening that the government continues to allow PLFN and residents in the surrounding areas to live so close to and breathe in a bio hazardous cesspool. Name: Email: @gmail Address:

Privacy-Statement: agree x: 72 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 12:10:26 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Due to the delay of an industrial approval in 2015, NPNS could not design a new treatment facility until 2016. Therefore an extension of 1 year is required to complete the project. This will avoid economic devastation for our struggling province. Please consider the facts and leave emotions aside. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 50 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 12:15:55 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: All we need is more time. Red tape is what is holding up getting this new system installed. Without the forestry industry this province will loose many familys. As far as pulp waste in the Strait PHP is using this system we want without problems to fisherpeople. Name: Email:  
@hotmail.com Address:

: Privacy-Statement: agree x:

59 y: 19

**From:** @tncweb.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 1:14:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: My wife and I have read the Replace Effluent Treatment Facility Project for Northern Pulp and agree it should be passed

@tncweb.ca Address: Name: Email:

Privacy-

Statement: agree x: 80 y: 18

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 1:30:36 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a retired engineer with northern pulp I believe there has been a tremendous amount of misinformation and hype concerning the effluent upgrade. I believe the company contracted to supply equipment and provide technical expertise for the project is a world class company experienced in many types of waste water treatment. I believe when the project is built and properly commissioned the wastewater quality will be monitored continually at the mill site before even being released to the northumberland Strait. If the quality of effluent does not meet the specifications required for the environmental assessment then the effluent won't be released to the straight. I believe hype and misinformation must be taken away from the review process and let the science prevail Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 68 y: 24

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 1:32:04 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Let the mill improve its system by allowing the time extension needed. Name: Email: Address:

Privacy-Statement: agree x: 57 y: 17

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** The Concerns of the Mill  
**Date:** February 21, 2019 2:33:02 PM

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Sent from my iPhone

>

> This mill is not thinking of our future, the parent company has a track record for the most sinister of ecological and financially destructive practices. We should be doing everything in our power to promote a future of a clean sustainable environment for us and our next generations. This mill has seen its heyday and now should either change with the times and cleanup, or stop before it destroys any hope for a better Nova Scotia. We could rise to the occasion and start a new future for this economy. All this mill is offering us is more pollution/ toxifying our waters and our air as well as decimation of our forests.

> As a Palliative Care Physician I am seeing an alarming rise in cancers and seeing them in younger individuals . It is too difficult to say with certainty if this is a cause and effect of the mill , but it surely is not helping curtail it. Please do not allow this travesty to go on without a federal assessment of the dangers inherent in such an archaic industry practice.

> Aberdeen Hospital New Glasgow

>

> Sent from my iPhone

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 2:45:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This mill is not thinking of our future, the parent company has a track record for the most sinister of ecological and financially destructive practices. We should be doing everything in our power to promote a future of a clean sustainable environment for us and our next generations. This mill has seen its heyday and now should either change with the times and cleanup, or stop before it destroys any hope for a better Nova Scotia. We could rise to the occasion and start a new future for this economy. All this mill is offering us is more pollution/ toxifying our waters and our air as well as decimation of our forests. As a Palliative Care Physician I am seeing an alarming rise in cancers and seeing them in younger individuals . It is too difficult to say with certainty if this is a cause and effect of the mill , but it surely is not helping curtail it. Please do not allow this travesty to go on without a federal assessment of the dangers inherent in such an archaic industry practice. I vote for no extension, enough harm has already been dealt to our indigenous community and the people of Pictou County . Respectfully submitted,

Aberdeen Hospital New Glasgow Name:  
Email: @nshealth.ca Address:

Privacy-Statement: agree x: 70 y: 29



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 2:50:17 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This owner of Northern Pulp is trying to do the right thing for the Environment, the Community, their employees, they should be given a chance. So people of Pictou County don't we all need a chance? Who will the non supporters go after next Michelin, Power plant, or Maybe even Pictou Water treatment Plant? Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 64 y: 32

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 5:02:27 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe a massive project that improves the environment so much should be given time to be finished to ensure the future of the forestry sector. Lets create jobs not unemployment in Nova Scotia. It is bad enough now doctors , nurses and graduating students all leave our province and are replaced with older retiring fixed income people. EVERY job is important . Name: Email: @gmail.com Address:

Privacy-Statement: agree x:

48 y: 13

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 5:41:14 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: No pipee ever Name:  
Email: @gmail.com Address:

Privacy-Statement: agree x: 25 y: 23

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 7:46:22 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Im 67 years old, born and raised in New Glasgow. Im a certified Power Engineer, and I have had the privilege of being employed by Northern Pulp for the last year working in my trade. Northern Pulp has given me the opportunity to work and stay living in my home town and provide me with a well paying job. They have also invested time and money in allowing me to upgrade my licence. Before getting hired I would have had to move out of province to find employment because there simply isnt many other employers willing to hire unexperienced tradesmen in our province. Many of my friends and classmates were not so lucky and had to move out of province or are still unemployed. I have studied wastewater treatment plants with my trade and I see absolute nothing wrong with the new proposed effluent treatment facility we plan to build, this is a more modern and up to date treatment facility then the current Boat Harbour plant. Northern Pulp has been working very hard to comply with all the environmental regulations this project requires. I believe Northern Pulp should be given the opportunity to prove that this is a viable solution. I hope to continue working at Northern Pulp for many years to come, because Pictou County needs more employers like them and not fewer. I feel the opposition to this project is based more on emotion then facts. Name:

Email: @gmail.com Address:

: Privacy-

Statement: agree x: 67 y: 31

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 7:55:13 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a resident of New Glasgow, Nova Scotia. This is a company looking to do the right thing . This is a state of the art facility that will meet and exceed any guidelines . This is a practice that is done all over the world . The effluent has been going into the Northumberland Strait for the past 50 plus years and has not harmed the fishing. The only difference is now it will be cleaner and better. The fact that this is even an issue is because of lies and fear mongering on social media . I ask you to please think of the economic disaster it would be if a facility such as this closed because of people spewing untruths. I have lived in communities that have been devastated by facilities such as this closing . Take a drive through Bathurst NB and Dalhousie NB just to name a few . It is real and it is devastating . Name: Email: @eastlink.ca Address:

Privacy-Statement: agree x: 57 y: 27

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 21, 2019 9:57:07 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Necessary for the continued financial and economic success of Pictou County and Nova Scotia. An extension is a reasonable resolution. Name:                      Email:                      @ns.sympatico.ca Address:  
Municipality:                      Postal-Code:  
Privacy-Statement: agree x: 60 y: 25

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 1:51:14 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Im in favor of the proposed extension to get the new water treatment up and running. Name:

Email: @hotmail.ca Address:

Privacy-Statement:

agree x: 57 y: 21

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 6:48:08 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Give this a chance. Go with Science. Name: Email: Address: Municipality: Postal-Code: Phone: ### ## - #### Fax: ### ## - #### email\_message: Privacy-Statement: agree x: 70 y: 24



**From:** R  
**To:** [Environment Assessment Web Account](#)  
**Subject:** NO PIPES  
**Date:** February 22, 2019 7:01:22 AM

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NO PIPES NO EXTENSION. SHAME ON YOU

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 8:22:23 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: What is proposed brings current best practice technology to replace 50 year-old technology. There can be no doubt that the effluent entering the receiving water will contain fewer pollutants than it has been receiving for those past 50 years. The fishery has not been adversely impacted over these years indeed, there is anecdotal evidence that it has improved and there is no reason to believe that it will be affected with the new system. The effect on Pictou Landing First Nation is far more serious and it will be rectified when Boat Harbour is no longer receiving the effluent from the mill. For heavens sake, lets do the right thing. Approve this application for the collective good of the Province. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 64 y: 19



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 8:31:15 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp should be given the the extension on Boat Harbour so they can construct their new and improved treatment facility and saving the forest industry, trucking and pulp mill jobs. Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 48 y: 19

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 8:38:51 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The government should give the plant the extension they need to make the water from the plant cleaner and safe

Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 64 y: 17

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 9:13:07 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need to get them the  
1 year extension. That way, that will be done the right way. Name: Email:  
@hotmail.com Address:

: Privacy-

Statement: agree x: 59 y: 20

**From:** @freemanlumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 9:18:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: allow northern pulp a  
extention for there effient treatment plant and cleanup the boat harbour site Name:  
Email: @freemanlumber.com Address:

Privacy-Statement: agree x: 64 y: 38

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 9:32:59 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need to give northern pulp time to put a new system in place. They didn't create this hazard. They only owned the mill for a few years. They are committed to cleaning up the mess. Give them the time they need. Besides our economy cannot stand to lose the revenue. We are already the highest taxed in Canada. Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 66 y: 28



**From:** @ibew625.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 9:36:38 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: With all i industry there are environmental concerns. If Nova Scotia becomes known for chasing an industry out of the province for not finishing an environmental control before a deadline, we had all better learn to farm and fish. For that will be the only source of jobs left. Name: Email:  
@ibew625.ca Address:

Privacy-Statement:

agree x: 73 y: 33

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 10:38:48 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need this to get done or we are going to lose many tax paying families in this province. It is one of the only things keeping mine and many other families from leaving the province. Name:

Email: @yahoo.ca Address:

: Privacy-

Statement: agree x: 86 y: 24

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 11:01:49 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: To Whom It May Concern: I am an Entrepreneur working in the Commercial Real Estate Sector and in particular, I am passionate about encouraging and working with companies from all over the World to locate and operate in Nova Scotia to the betterment of our society, economy and in the interests of jobs and technology development across our great Province that addresses challenges such as we face today. With so much having been said by so many, it is clear that all sides to this challenge have dug in or are committed to one side or the other. I find this disturbing in that from the outset, the Government of the day had signed a deal with Northern Pulp to allow their management and operation through 2030 [nobody is remembering that] and while I certainly acknowledge the negative implications thereof to the environment in terms of the evolving Boat Harbour situation, I am embarrassed as a Nova Scotian that cooler heads have not prevailed and efforts to mitigate this huge challenge with a comprehensive solution have been reduced to name calling, anger and related non-productive actions where the focus should and needs to be on solving the problem, which NP is undertaking to do, seemingly against all odds. Why do we not get as passionate about focusing on a solution to, for and with our valued corporate operators that we encouraged and brought here to operate, create wealth, jobs, opportunities and lifestyle instead of turning on them. No Corporation can fiscally plan, act and be responsible within an environment like this where the politics are undertaking to erase the agreements originally made with these people and disregard/change those agreements, seemingly for political gain and to win over people/votes. There has never been a time in our history where we have to step up, get behind those that helped create the very communities that will be destroyed with this business of taking sides. More than anytime in our history, we need decisive leadership, cool heads and a plan to support the Corporation we brought here and then turned on when the going got tough. Lets become the Community that fixes and supports these corporate leaders with solutions and then sell that ability and positioning around the world, as this is not an isolated case in this industrial world, but a challenge for us to embrace and fix, not be seen as the political fairweather people that back away from our own promises because we make statements at the Leadership level that the Politicians are not prepared to mitigate and protect our own people, jobs, lives, families and that's all our people, not just catering to those whom will take every opportunity to gain their own personal and selective objectives and agenda, whatever they/it may be. If we fix this and show that kind of leadership, embrace the technology, get behind it and support our Corporate Partners who helped create our Communities, we will impress the world, and become who we need to be to be a responsible and proactive society that welcomes challenges, not shy away from them and hide, when the going gets tough, for this will tell the world we are not a responsible, professional and proactive society that are worthy of their or anyones trust to work together and back up our promises. NP did not create this dilemma, we seem to be simply saying that they're stuck with it on their own after decades of taking their money. Shame on us!! Name: Email: @eastlink.ca Address:

: Privacy-Statement: agree x: 37 y: 26

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 11:35:07 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support this project. 1. It should only be a level one assessment and not a level two- federal assessment for the simple reason, it is, as the title states, a replacement effluent treatment facility, not a new one. 2. What Northern Pulp is requesting to do, is to do what they have been doing for the 50 years, put treated effluent into Northumberland Strait. With the modern facility, and only treated effluent leaving the Northern Pulp site, it will be better than the existing site. Other mills and municipalities have been putting treated some municipalities un-treated effluent into the ocean for decades. this is no different. 3. Any wrongs that has been done in the past, in regards to the Boat Harbour facility, cannot be changed it is history. The Province, Northern Pulp and First Nations, should deal with that issue separately, in order to bring closure. 4. The negative economic ramifications of not allowing this project to proceed would be adversely felt, province wide and that includes HRM! Name: Email:

@bellaliant.net Address:

:

Privacy-Statement: agree x: 71 y: 16

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 11:40:12 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp should be given an extension on the deadline to shutdown the Boat Harbour treatment plant. If Northern Pulp is forced to shut down production the forestry industry across Nova Scotia will be destroyed. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 54 y: 35

**From:** @live.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 11:40:26 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Pictou County Pulp Mill has been existence for 50 years, during which time the fish stick has been thriving. The existing Boat Harbour treatment facility does a poor job of treating the waste. The new proposal is a world class treatment system which is a vast improvement of the existing scenario. From all of the technical information that I have read, this can only be a positive effect on our environment from current day. The loss of the pulp mill will be a devastating on Pictou County and Nova Scotia, with a loss of thousands of jobs. Northern Pulp is definitely demonstrating due diligence and is doing everything reasonable to make Pictou County a better place to live. We need to grant the extension and let Nova Scotia prosper! Name:

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

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 11:59:42 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Fully support Northern Pulp. Extend the deadline to secure the future of all forestry jobs and tax dollars required to fund More Doctors/ Road repairs and projects required for N S taxpayers Name:

Email: @eastlink.ca Address:

Privacy-Statement: agree x:

65 y: 15

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 12:01:13 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Having read through portions of the Replacement Effluent Treatment Facility Project application, I strongly support this project. Name: Email: @eastlink.ca Address:

Privacy-Statement: agree x: 62 y: 25



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 12:10:43 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Grant the EA Approval and let the Pulpmill get to work to correct and improve the process. They have have had too many delays already. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 52 y: 25

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 12:34:51 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Totally support  
extending the deadline on boat harbour. Name: Email:  
@eastlink.ca Address

Privacy-Statement: agree

x: 66 y: 23

February 22, 2019

Dear Minister,

I am submitting my comments on Northern Pulp's proposed replacement effluent treatment facility project.

My name is \_\_\_\_\_ and I have lived in the Pictou area for 35 years. I had a cottage in Caribou River for 31 years and now live in a waterfront ground level condo frighteningly close to the proposed pipeline route and effluent dumping site just off Caribou Point.

Please reject Northern Pulp's proposal. I believe a long intense scrutiny and a full environmental assessment needs to be done...no matter how long it takes. I do not believe the process has been fair. The public has not had sufficient time to read their lengthy report and Northern Pulp has not offered information sessions on this report to the public. We only have 30 days to respond and Northern Pulp had 5 years to come up with their proposal.

Northern Pulp has not identified what will be in their effluent so how can they know it will be safe? How can they realistically claim their effluent will have no environment effect 2 metres from the end of their pipe? They have not collected data from Caribou Harbour; they are using data they collected from Pictou Harbour. This is insufficient. The waters in the area have not been surveyed. The specific route of the pipeline is unknown. This project could put the Strait at risk for a long time. Harm will be caused constructing, using and decommissioning this project.

Northern Pulp does not care about our environment; they do not care about the people in Pictou County and Nova Scotia. They only alter their equipment when required by the government. All they care about is money...what they can earn and how much they can get from the government to continue polluting the air we breathe. When I open my front door to walk my dogs and the winds come from the south, it stinks. A gift from the mill to the people. Please do not let them pollute our water.

I am a graduate of three Nova Scotian Universities. I have worked as a teacher in this province and run a small business. I am not a scientist but I am an outdoor person who enjoys the ocean, beaches and woods. I have many years of experience with the environment, nature and health.

I walk the beach every day for half the year, often to the end of Munroe's Island (a bird sanctuary). I swim in the waters here from the end of June until the end of September. It is a beautiful beach and area. My neighbour, Caribou Munroe's Island Provincial Park and Campground, teems with locals and tourists, campers from near and far. I have heard a number of people claim it is the nicest campground in the province.

I believe this shore of Nova Scotia is one of our province's hidden secrets. The waters and beaches are pristine. My children grew up summering on the shore, enjoying watching hermit crabs tickle their hands and crabs scurrying sideways before digging into the sandy bottom. I want my granddaughter and all the children yet to come to enjoy these wonders.

The tides go in and the tides go out, bringing unexpected treasures. I fear Northern Pulp's garbage washing up on our shores, day after day. This will endanger our waters and make it unsafe for life in both the sea and the area.

One only has to look at the Boat Harbour mess. The First Nation's treasured water now only stinks and all sea life perished years ago after effluent was piped there.

I would like to see our government make choices for the future of our environment. This would involve not supporting a polluting industry in an outdated facility. Please make choices that support the people with a long term and sustainable future that doesn't destroy the unique gifts of this area and our health.

Your job is to protect the environment and the citizens, now and into the future. Please act responsibly. Reject Northern Pulp's proposal and ask for a full environment assessment.

Thank you for reviewing my submission.

Respectfully,

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Feedback on Boat Harbour  
**Date:** February 22, 2019 12:41:41 PM

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I am writing out of concern of the health consequences to Nova Scotians. The composition of the toxic effluent will contain dioxins, furans, metals, solids and other contaminants at a rate of 90,000,000 Litres *per day*. [Dioxins and furans](#) can cause very serious health issues to humans and our food sources. Shellfish absorb dioxins and furans at 25,000-50,000 times the concentration in the water.

The Northern Pulp treatment system proposal includes a plan to burn the waste sludge. 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.

It is also important to note, the route of this effluent pipe goes through the source water supply for the town of Pictou and community of Caribou and surrounding area.

We should **no longer** be putting Nova Scotians' health and environment at risk.

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 2:05:33 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe the effluent treatment facility project should be approved with an extension Name: Email:  
@msn.com Address:

Privacy-

Statement: agree x: 67 y: 26

**From:** @bellaliant.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 2:17:42 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Nova Scotia waters support thousands of fishermen. Their products are sold worldwide. Should the effluent from the treatment facility contaminate fisherâ?Ts products the world will recognize this as contaminated fish from Nova Scotia not just from the Northumberland Strait. The resulting downgrade of our fish products will affect all Nova Scotia fish products if not all Canadian fish products and therefore the livelihood of thousands of fishers. The proposed effluent has not been fully tested. In the proposal the effluent is â?oexpectedâ? to be of a certain quality not guaranteed. Therefore should this project go ahead without further evaluation the effect on fish habitat wonâ?Tt be known until itâ?Ts too late. Northern Pulp has a record of delaying corrective measures. It was given 5 years to rectify the Boat Harbour replacement facility. Now with one year to go they want a reprieve. I think a Class 2 study at the very least is what is required. The information currently available does not adequately address the fish habitat. Another area that is inadequately addressed is the potential effect on tourism in the area. That area was inadequately addressed a few years ago with the air pollution from the smoke stacks at the mill. Tourism was affected for many kilometres around the mill for many years. The air treatment facility should have been addressed and fixed long before it affected the Tourist trade in the area. Now the proposed water effluent into the Northumberland Strait could affect the quality of the water at the numerous beaches in the area as well. A much more thorough study is required. Name: Email: @bellaliant.com Address:

Privacy-Statement: agree x: 58 y: 25

**From:** @ccrsb.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 2:55:16 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: It is with great concern that I write this letter. The two most important points I must begin with are: my complete distrust of any information coming from Northern Pulp, as well as my uncertainty that the government of NS will do what is morally right for the people of Pictou County. I have been a resident of Pictou County for 57 years therefore I have witnessed the entire history of the mill. I reside near Pictou and have suffered medically and mentally from the daily emissions which range from whitish to black, often times being unable to leave my home due to the potency of the emissions. I also have a summer home on the Northumberland Strait. It was here that I was relieved of the horrible air quality for several months of the year. Unbelievably, my several months of reprieve are now threatened by the piping of effluent into the Strait. Even considering a Level 1 assessment for this process is beyond my comprehension. I am not a scientist or an environmentalist, I am just a citizen of this province who pays taxes and elects governments to represent the best interests of the people. Having read every newspaper article, every document published by the mill, and attended every public meeting, it glaringly obvious that this project requires a full Level 2 Federal Assessment. I recently read information published by Northern Pulp indicating that they will not know the exact potency of the effluent until the process begins. What!! The process can never begin without that information. I spoke with a NP representative at the DeCoste Centre when CBC News was there. I asked him to address this issue and his answer was, "Well think of it like buying a new car. It's always going to be better than the old one." Seriously, I guess he thought I was an idiot. The number of unknowns is extremely concerning. We have a thriving fishing industry in the exact location that the effluent will be dumped. Have all the questions regarding water temperature, settlement of solids, toxicity been answered? Obviously not and this is simply unacceptable. Will all the questions be answered by a provincial assessment? No! In conclusion Northern Pulp is not the first and will not be the last industry to close its doors in Pictou County. Hundreds of jobs have been lost before and government did not step in and offer these businesses a hand-out. If the only solution to this issue is the closing of the mill then so be it. The people and the environment have suffered long enough. I believe that a full federal assessment will discover that the option of pumping effluent into the Northumberland Strait is simply not feasible. It is now 2019 and I hope we have progressed far enough as a society to put an end to industries that get rich at the expense of the environment. Thank You,

@ccrsb.ca Address:

Name:

Email:

: Privacy-

Statement: agree x: 54 y: 21



**From:** @outlook.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 3:01:43 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Upon reviewing the proposed Effluent treatment facility project that Northern Pulp has proposed I have come to the conclusion that I fully support this project for the sustainable future of many sectors within Nova Scotia. Being a province that already lacks diversity in the form of many industrial employers we must not chase industry out of the province. I believe that the proposal indicates that they will be prudent and exercise due diligence at all times during the construction and operation of the facility. I also believe the impact to the environment will be minimal, and if any impacts are evident then they can easily be mitigated with no long term ill effects. We must look to other effective usages of this system in other parts of Canada to see that the threat is not valid to the environment and ecosystem. I fully support this proposal. Name:

Email: @outlook.com Address: Municipality: Postal-  
Code: Phone: Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 100  
y: 34

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 3:54:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need the Mill to keep jobs in Nova Scotia Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 58 y: 32

**From:**  
**To:** [Environment Assessment Web Account; ceaa.northernpulp.acee@ceaa-acee.gc.ca;](mailto:ceaa.northernpulp.acee@ceaa-acee.gc.ca)  
[CFAA.BoatHarbour.ACEF@canada.ca](mailto:CFAA.BoatHarbour.ACEF@canada.ca)  
**Subject:** Concerns around Human Health Evaluation - Opposing the NP Waste Proposal  
**Date:** February 22, 2019 4:36:14 PM

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I am writing to express my concerns over regarding the weak Human Health Evaluation relating to the NP Waste Proposal.

1. Presently, there is no regulatory requirement to conduct a human health risk assessment (HHRA) study in association with the NPNS project. The project is currently in a Class 1 EA Process in Nova Scotia that does not specifically require the completion of a HHRA in advance of registration of an EA. Section 9-15 page 489

2. The HHE does not include quantitative exposure and risk analysis approaches at this time that would typically comprise the HHRA steps of exposure assessment, toxicity assessment and risk

characterization. The HHE is not a HHRA, though it does necessarily comprise some elements of a HHRA, as noted above. *EA. Section 9-15 page 489*

3. Tasmania Pulp mill used for comparison for the Human Health Evaluation. The Tasmania pulp mill was assumed to process mainly hardwood eucalyptus chips. There is some uncertainty regarding how the wood chips processed at the NPNS mill, which are from softwood coniferous species, would compare to eucalyptus chip processing, with respect to potential effluent chemistry differences. *EA. Section 9-15 page 492*

- Tasmania has not undergone regulatory review by Health Canada
- The Tasmania mill did not open and faced many environmental challenges in court [https://en.wikipedia.org/wiki/Bell\\_Bay\\_Pulp\\_Mill](https://en.wikipedia.org/wiki/Bell_Bay_Pulp_Mill)

#### 4. *Potential Risks*

- Chemicals present in treated effluent that is released to the marine receiving environment may come into contact with human receptors in marine sea water or sediments.
- Some of the chemicals present in treated effluent may accumulate within certain marine food items that are harvested by local community members.
- Air emissions of certain contaminants to the atmosphere, during construction and operation (and maintenance) of the project, may present a potential inhalation exposure pathway for human receptors in communities located within the study area.
- As the current proposed pipeline route traverses a drinking water supply area, there is a potential that accidental releases from the effluent pipeline in this area (should they occur) could potentially impact potable water supplies.
- *EA. Section 9-15 page 492*

5. Only using these contaminants for their assessment.
  - Carbon monoxide (CO).
  - Hydrogen sulphide (H<sub>2</sub>S).
  - Nitrogen dioxide (NO<sub>2</sub>).
  - Sulphur dioxide (SO<sub>2</sub>).
  - Total suspended particulate matter (TSP).
  - Fine particulate matter (PM<sub>2.5</sub>). *EA. Section 9-15 page 503*
6. Downplaying the independent air quality study performed by Hoffman et al from Dal EA. *Section 9-15 page 494*
7. Due to uncertainty regarding effluent composition and approximate concentrations of substances present in the future treated effluent (which will not be verified until the project is operational), the identified candidate COPCs in effluent are considered preliminary at this time. Refinement of the candidate COPCs would be anticipated for a potential HHRA study of the project, should one be required (wherein various screening approaches, as previously described above, would be applied to refine and reduce the candidate list of COPCs down to a more reasonable and representative set of COPCs). The same types of screening considerations apply to the potential assessment of impacted drinking water, in the event the effluent pipeline experiences accidental releases in the sections that traverse drinking water supply areas.

Candidate COPCs in future treated effluent were determined primarily on the basis of:

  - A review and synthesis of historical data and reports for areas near the NPNS project, particularly areas that are or were influenced by the NPNS mill current or historical effluent discharges.
  - The outcomes of the COPC identification processes that were applied in the Toxikos (2006) HHRA study.
  - Selected additional relevant scientific literature. *EA. Section 9-15 page 506*
8. The sludge will be used as a fuel for the NPNS power boiler. A power boiler that has a history of not working properly, and now wanting to burn unknown effluent *EA. Section 1-7 page 43-44*
9. Current NPNS Mill Effluent Chemistry being downplayed yet they state the end state is unknown. *EA. Section 9-15 page 515*

Sincerely,

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 5:13:53 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have read the executive summary and think Northern pulp should be granted the environmental assessment and be allowed to continue with the construction of the new effluent treatment facility. Name:

Email: @yahoo.ca Address:

Privacy-Statement: agree x: 50 y: 31

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 6:05:37 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The pulp mill in Pictou county is vital for the survival of rural NS. Treated effluent has been flowing into the Strait for 52 years with no ill effects. The new treatment facility will send effluent that will meet and exceed National and international standards. This project should be allowed to proceed to completion with out interruption in production at the mill. Thank you Name:

Email: @eastlink.ca Address:

Privacy-

Statement: agree x: 81 y: 16

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 6:56:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have been studying the environmental assessment and find it very enlighten. Based on the science put forth I fully support the project and the necessary extension for Boat Harbour operation so as to keep Northern Pulp viable. the extension should not be open ended and to respect the PL Band compensate in some manner should be provided as well as the time line for Boat Harbour should be accelerated from current plans. Science and facts should rule the day not emotions and misinformation. Name: Email: @gmail.com Address:

: Privacy-Statement: agree x: 57 y: 26

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 7:48:51 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Ive been looking at the diagram of the proposed AST facility for Northern Pulps effluent. Im confused about why the flocculated and dried sludge would be sent to the Bark Boiler. Bearing in mind that Air Emissions are a huge concern here, why not compost the sludge for agricultural or even forestry fertilizer. Local fish waste could be mixed into it as well. Would there be a toxicity problem with this idea? Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 75 y: 11



**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 8:11:32 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: By giving them the extra time they need. Many Forestry Workers ,Truck Drivers Sales People And Mill Workers will still have jobs. Name: Email: @eastlink.ca Address:

: Privacy-Statement:

agree x: 43 y: 25

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 9:20:49 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I vehemently object to the proposed effluent pipe emptying into Northumberland Strait. Let our county flourish without this contamination of our fishery. We have lived 35 years in the stench of this mill. Put it somewhere else. Bedford Basin? Name: MD Email:  
@gmail.com Address:

Privacy-Statement:

agree x: 66 y: 27

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** February 22, 2019 10:17:54 PM

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Dear Sir or Madame:

I grew up in Pictou County and return often to see my family. I also am a Nova Scotian living along its coast line, now in Cape Breton.

I have followed the Northern Pulp debate closely and simply put, the proposed project is concerning. If hastily approved or approved under a short sighted approach or by those in a conflict of interest position, then the long term negative economic, environmental and potential health impacts will be its legacy.

This region's fisheries and tourism are key to its economic survival. A pipe with toxic effluent flowing through these same waters does not promote these industries. Further, the long term impact of millions of litres of effluent a day going into the body of water, needs to be studied and reviewed for impact on water quality, ocean biology impacts, breeding and health of the fin fish and shellfish, human health including swimming and consumption of fish. This same effluent or slight variation thereof has made boat harbour a toxic site unable to support life. Surely, the days of "it goes away" and the ocean is large enough are over in 2019.

We need to be able to trust our government will act in our best interest - on all fronts. This is not a partisan matter. This project is a one time shot, a legacy decision, that may determine the very future of our fisheries, tourism, enjoyment of the waterways, health and our First Nations ability to fulfill their treaty rights.

The time required to do a proper federal or proper assessment cannot be grounds for dismissing or opposing this assessment. We deserve to be protected and have proper due diligence completed. After all, once the pipe is in, the ability to monitor and track its effluent standards becomes difficult. The public lacks confidence those standards will be followed, given the company's public track record of environmental violations to date. We do not have the luxury of a simplistic or short sighted review, as too much is on the line and reversing the pipe impact or even mitigating it may be impossible or take generations. An extensive review and study is required.

Further, on its face Nova Scotia appears to be in a conflict of interest position; as such, a independent authority such as the federal government is an appropriate to step to remove any real or perceived conflict and to ensure due diligence and objectivity.

Regards,

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 22, 2019 10:38:22 PM

---

Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing this in support of a Class 2 assessment and declining the Class 1, for this project. In fact, I believe there should be a Federal environmental assessment regarding this matter. Since Northern Pulp, itself, admits they do not know what the effluent will contain section 9, page 502, it would be fool hardy to approve this project without a full and complete environmental assessment. Name: Email: @hotmail.com Address

Privacy-Statement: agree x: 48 y: 28

**From:** @davegunning.com  
**To:** [Environment Assessment Web Account](#); [ceaa.boatharbour.acee@canada.ca](mailto:ceaa.boatharbour.acee@canada.ca)  
**Subject:** Northern Pulp's replacement ETF  
**Date:** February 22, 2019 11:37:08 PM

---

Dear Premier McNeil, Minister Miller and CEEA,

I am writing in relation to Northern Pulp's Replacement Effluent Treatment Facility project.

My name is \_\_\_\_\_ and I live in Pictou County and have been following this issue very closely for a few years now. I would like to identify some uniquenesses about Northern Pulp, some differences between the current and proposed ETF along with some other concerns that I feel should be taken into consideration by you.

A 2010 AMEC study presented to the Province of NS identified that Northern Pulp were in the 100th percentile when compared to other similar bleached kraft pulp mills in the country for: average flow rate (water usage), COD levels and colour of effluent. And since this study was completed Northern Pulp has not reduced their water usage, still use chlorine dioxide for bleaching and have made no known upgrades that would have improved effluent quality. Bleached kraft mills by nature are the worst polluters out of all the different types of pulp mills in the world. The production yield of a bleached kraft mill is approximately 50% meaning that half of the tree gets used for production and the other half ends up being released into the waste stream. TMP mills like Port Hawkesbury Pulp & Paper have a production yield closer to 95% so 95% of the tree gets used and 5% ends up in the waste stream. Plus bleached kraft pulping requires the use of chemicals to break down the lignin in the wood to make pulp and the use of chlorine dioxide to bleach with versus TMP mills that use thermal mechanical energy to make pulp and peroxide to whiten the product. So by nature, bleached kraft pulp mills are the worst polluters out of all the different pulping processes and Northern Pulp is in the 100 percentile in Canada for water usage, COD levels and colour of effluent. They are the worst of the worst in Canada.

According to the KSH Engineering's projections the new EFT system would be better than Northern Pulp's current system, approximately 20-60% better depending on which variable you view. However, the receiving water now for the treated effluent is the Boat Harbour Basin and not the Northumberland Strait. After leaving the Boat Harbour Treatment Facility - at point C, the treated effluent is then released into the Boat Harbour Basin where it is retained for approximately 20-30 additional days. Point C is the federally regulated point. The new ETF would release the treated effluent directly into the Northumberland Strait without the added bonus of the 20-30 day retention time for additional cooling, dilution and settling in the large Boat Harbour Basin. The elimination of the Boat Harbour Basin is a huge factor because EEM data shows that the Basin has a large effect on effluent quality that is currently reaching the saltwater.

The receiving water for the treated effluent is at point C where it is released into the Boat Harbour Basin. Point D is where it leaves the Boat Harbour Basin at the opposite end and meets the saltwater at the shoreline of Pictou Landing. EEM data from 2014 showed a significant improvement in effluent quality between points C and D proving that the Boat Harbour Basin does have a positive affect on effluent quality. It shows an improvement in TSS of 77.6% to 80.8% during the months of October, November and December between points C and D. And during that same period it showed that BOD levels were improved between 74.1%

and 77.4% between points C and D. Strangely it showed that these numbers were worse at point D during the month of August. One industry professional that we spoke with speculated that there was either a problem with how the data was collected that month or that summertime pollen and dust could have settled on the surface of the Boat Harbour Basin contributing to the results measured. But regardless it is very clear that the elimination of the Basin would have a substantial and negative impact on the effluent quality reaching the Strait. Based on this data there is enough information to conclude that the new ETF would be worse than the old facility because of the elimination of the Boat Harbour Basin. So Northern Pulp is proposing a newer system but a worse location for the receiving water. The elimination of the Boat Harbour Basin would result in more of the toxins reaching the Northumberland Strait.

Many third party consultants have completed studies and documents for Northern Pulp and the Province of NS including: R.V. Anderson, CBCL, Neil McCubbin, Stantec, AMEC plus an internal audit conducted by their parent company. There are known problems internally at Northern Pulp which are causing air emissions problems (i.e. the High Level Roof Vent that is identified in NPulp's current Industrial Approval). Are other Canadian mills allowed to vent unfiltered pollution through high level roof vents? We are unaware of any other Canadian mills allowed this same privilege which is essential a way around the regulations for Northern Pulp given that that stack is not regulated. Northern Pulp's proposed ETF shows that much of the waste sludge would be burned in the power boiler. This is of great concern because the power boiler has no precipitator and there have been several reports about non-functioning scrubbers. And there is no hourly or daily monitoring of the stacks at Northern Pulp, only quarterly self-reported results conducted by Stantec who are hired by Northern Pulp.

Black liquor spills, sometimes referred to as process disturbances or process upsets have been documented by third party consultants as well. These events often result in raw untreated effluent being released from the mill. These statements come from a Neil McCubbin memo to Northern Pulp dated April 6th 2015. "A few other kraft mills operate with annual average COD discharges of 15 kg/ton, demonstrating this level is attainable, but not without considerable effort. I consider that oxygen delignification, improved brown stock washing and screen-room closure, and substantially upgraded spill recovery systems for black liquor would be required to attain such a COD discharge level in the NPNS mill." The report also states, "The data in the AMEC report indicates that the sources of colour discharge are roughly one third each for brown stock washer losses, bleach plant and spills. The sources of COD are probably distributed similarly, except the condensates and causticising department will contribute some COD. These latter two sources will contribute virtually nothing to the COD of the treated effluent since the substances in them are very efficiently oxidized in any kind of biological treatment system." "COD from the bleach plant can be cut by about 40% by installing an oxygen delignification stage. This would leave the so called "spills", which consist of accidental losses, leaks, draining equipment for maintenance, operator errors, etc. Consideration of the variations in daily COD discharges suggests to me that there is room for fairly inexpensive and substantial improvement in this area. However, it must be recognized that while spills can be reduced, one can no more eliminate spills completely than one can eliminate traffic accidents." The Neil McCubbin memo also states, "Replacing the ASB with an AST system would reduce COD discharges somewhat, probably by roughly 20%. However, the cost would be significant."

Take away points from above paragraph;

1. There are three main sources of COD, divided evenly at NPNS; brown stock washer losses, bleach plant and spills.

2. An oxygen delignification system would only improve the COD level from the bleach plant by 40%. So that's 1/3 of 40% which equals 13.333%. At best an oxygen delignification would only reduce COD levels at NP by 13.3333 %
3. Northern Pulp would need substantial upgrades to obtain a COD discharge level that matches the level of other bleached kraft pulp mills.
4. The new AST system would likely only reduce COD levels by 20% compared to their current ASB system.

Again, it has been identified that Northern Pulp uses more water per ton of production than any other pulp mill in Canada. The Province of NS is aware of this issue and NSE has listed water use reduction requirements in Northern Pulp's current Industrial Approval. In an email obtained through freedom of information the manager of Northern Pulp informed NSE in November 2017 that they will not be able to reduce their water usage moving forward with the newly proposed ETF even though this was a requirement within the current Industrial Approval.

A study conducted by R.V. Anderson Associates studied Middle River where Northern Pulp draws its water from. "The sustainable water withdrawal rate for the Granton water intake was determined to be 1.10 m<sup>3</sup>/s (95,040 m<sup>3</sup>/day)". "The Middle River watershed has a drainage area of 239 km<sup>2</sup> at the water intake location in Granton." In an email to Nova Scotia Environment from Northern Pulp dated November 3, 2017 it states, "NPNS will achieve the maximum daily water consumption rate of 92,310 m<sup>3</sup>/day by the end of the current IA". And it goes on to say "a future 2020 annual water withdrawal limit of 70,000 m<sup>3</sup>/day is now not realistic or achievable." So Northern Pulp is using almost all of the water that is sustainable in a watershed area of 239 km<sup>2</sup> and despite the requirements to reduce water usage to 70,000 m<sup>3</sup>/day by 2020 they are telling Nova Scotia Environment that they will reach 92,310 m<sup>3</sup>/day by the end of the current Industrial Approval.

In the EA on page 33, Northern Pulp / via Stantec (who were hired by Northern Pulp) are being very critical of the "Pilot study investigating ambient air toxics emissions near a Canadian kraft pulp and paper facility in Pictou County Nova Scotia" but they are leaving out important details from the rest of the study. According to the data collected the prevailing wind direction more often blows toward the Town of Pictou than it does toward Granton where the monitor was placed to collect the data for this study. The study concluded that "the mill is a likely contributor to increased concentrations" and "in addition, there are clear seasonal variations of meteorological conditions and VOC concentrations. Southwest prevailing winds blowing towards Pictou dominate during summer months, when people spend more time outdoors, and consequently are exposed to higher concentrations". Northern Pulp is trying to claim that it's really not clear that they are the source of the high VOC levels found present in the air. Yet this is a scientific, peer-reviewed study and the fact that the authors suggested that Northern Pulp is the likely source could also be taken that NP is indeed the source if the rest of the study is considered in its entirety. Given that the cancer risk thresholds were exceeded and that the scientists recommended that more monitors be located in areas of higher population, wouldn't we be better served by listening to the science instead of Northern Pulp / Stantec? With all the talk about "listening to the science" why does Northern Pulp put such an effort into trying to discredit the science. Science that isn't approved by Northern Pulp and their hired consultants does not make it non-science.

So there are air emissions problems, black liquor spills at Northern Pulp and more water per ton of production being used at Northern Pulp when compared to other Canadian bleached

kraft mills. The mill is in need of significant updates internally before a treatment system dumping into the Northumberland Strait can be considered.

This is a very complex issue and one that many including myself have been studying for years. I could send in a hundred pages of comments but I chose just a few things knowing others are covering some of the other important points. Looking back I believe that we started our group with naive intentions. We were hopeful that the mill would clean up its act and that the government would more strongly enforce existing regulations and perhaps tighten up some of the weaker ones that we have in Nova Scotia when compared to the other provinces with regards to pulp and paper effluent and air emissions. My brother and a group of us have made a real effort to become informed and stick to facts. We have been very fortunate that the issue has attracted the attention and support of many local business people, doctors, scientists, lawyers and other concerned citizens along with three pulp and paper experts, including two engineers, a wastewater treatment expert and former employees of Northern Pulp along with third party consultant firms. One of our mill professionals has worked all over the world at many different mills including some zero effluent mills. I'm just a folk-singer but thanks to all of the support from many industry professionals I have become very informed about this issue and at this point it's safe to say that I know more about pulp mills than folk music.

During one government meeting it was said to us that "your group is spreading misinformation and being far too emotional and there are crazy things being posted on your Facebook Group". We were quick to respond that "our group" isn't all of the 5000 plus members on a Facebook Group. The people who've joined the Facebook Group are every kind of person with every kind of opinion on both sides, from mild to extreme. In fact, many of the members include forestry workers and mill workers too. It is social-media and you should think of it as a giant town-hall discussion and not "a group". So to put it bluntly, it's not "our group" - but they are your constituents.

I'll conclude with a list of points in no particular order although the last one has been the fuel for me throughout my involvement with this issue:

1. Northern Pulp's known and identified internal problems create a unique situation and building a new ETF would not cure the internal problems at the mill.
2. There is an active fishing industry in the Northumberland Strait that needs to be protected.
3. Many of the air pollution issues have not been fixed at the mill despite requests by the community and NSE for Northern Pulp to move forward.
4. Northern Pulp uses more water per ton of production than any other mill in the country and draws upwards of 92 million litres per day from a river that drains an area of 239 square kms and has a sustained recovery rate of only 95 million litres per day. So Northern Pulp is using almost all of the water available within a 239 square km watershed area.
5. The elimination of the Boat Harbour Basin and the change in location for the receiving water means that more pollutants would reach the Northumberland Strait than compared to the current system.
6. I believe there would be a protest of 'never before seen in NS' proportion to stop a Boat Harbour extension and a pipe from going into the Northumberland Strait. And this would not be about a community whining that it didn't "get its way". This has been a 50 year plus battle for a lot of people.
7. Many first nations people and non-natives have had this pollution dumped on them for over 50 years. But our entire, and one and only Mi'kmaq community have been victims of environmental racism from the beginning and throughout the entire history of this mill. It must be stopped and they must be protected and respected in a real and meaningful way moving



forward. Moving the pollution from their backyard to their front yard and putting their fishing fleet at risk would not be the way to do this.

A sincere thank you for the opportunity to be engaged with this very important issue. I do not envy the position you're in but I do know that enough information is available to back your decision should you not approve this project.

#noextension #nopipe #honourtheact

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 12:37:25 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Give NP the extension required and do not let the mill close even temporarily Name: Email: Address: Municipality: Postal-Code: Phone: ### ### - #### Fax: ### ### - #### email\_message: Privacy-Statement: agree x: 81 y: 21

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 5:00:37 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need to support this project to ensure a prosperous future for our children and their children. The province needs this tax revenue to pay for services that support the human environment Name:

Email: @ns.sympatico.ca Address:

Privacy-Statement: agree x: 64 y: 25

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Effluent Treatment Replacement Facility Project  
**Date:** February 23, 2019 8:11:20 AM  
**Attachments:** [Northern Pulp.docx](#)

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Hello,

I am pleased to have the opportunity to submit my input in support of a federal environmental assessment, and for a proposal of an in-mill, closed loop solution.

Sincerely,

MSc MD

FRCPC(Int Med) FRCPC(Rad Onc) rtd

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 in 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.

, MSc MD  
FRCPC(Internal Medicine) FRCPC (Radiation Oncology) rtd  
Braeshore, NS

**From:** @yahoo.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 10:35:15 AM

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Project: - Choose - Comments: My name is

I live in Caribou River approximately 20 minutes from the Town of Pictou. Our home overlooks the Northumberland Strait. We moved here from Halifax 15 years ago after falling in love with the area while coming here to visit friends who live on Caribou Island. We fell in love with the Town of Pictou, with the pristine, clear and warm waters of the Northumberland Strait and the people who live in Pictou County. From our home we can watch the lobster fishers, the herring fishers, the ferry to PEI and in late February we watch the seals giving birth to their pups and listen to their conversations with one another on the ice. In the summer we enjoy the many beaches found around Pictou County. When we moved here 15 years ago, the Town of Pictou was a bustling small Town with lovely shops on the main street. Over the years we have watched this change dramatically. Not being a business owner, I am sure that it was not good for business when there were days, with the wind in the wrong direction, that one could hardly breathe when one got out of their vehicle due to the stench and "fog" of the discharge from Northern Pulp. It doesn't take a scientific mind to figure out that tourists will not want to stay in a place where you can hardly breathe. Northern Pulp was asked to fix this problem time and time again to no avail. Yes, they say they have improved the air quality in leaps and bounds, however I invite you to come to Pictou when the wind is blowing in on the Town. There is no difference. Then, of course, there is Boat Harbour. This environmental disaster has gone on for far too long. The people of Pictou Landing First Nations should not have to suffer with this any longer. And it is not just the First Nations people. There were many people who had cottages in Boat Harbour where they once swam, fished and enjoyed nature. Unfortunately, those cottages are no more as is the nature that surrounded them. Enough is enough. Now, Northern Pulp wants to pollute the waters of the Northumberland Strait. Northern Pulp does not have a very good track record as far as trust and being a "good corporate neighbour" goes. They cannot guarantee that there will be no adverse affect to this pipe going into the Strait. Waters that are so clear that on a calm day it is like swimming in the Caribbean are in danger as is the marine life that lives there. The waters of the Northumberland Strait are, as they say, "the warmest waters north of the Carolinas". Now Northern Pulp wants to pump more warm fresh water into the Strait which will raise temperatures unnaturally. I have been swimming at Chance Harbour once which is not too far from Boat Harbour. The water is orange. I could not believe it. Why would tourists come here to swim in orange water. They say they are doing all they can to meet the Provincial and Federal Regulations. They said the same about the air quality. I am in no way a scientific person, however, I am a person very concerned about the environment and what we are doing to it. I know what I see and smell. I realize that this issue is very contentious here in Pictou County and has driven a wedge between a lot of people. I also don't believe that Northern Pulp should be allowed to hold people hostage - "No Pipe. No Mill". No one wants to see people lose their jobs in either sector. We just want Northern Pulp to do the right thing as the people of Pictou County have been asking them to do for the last 50 years. On behalf of myself, and my husband, I implore you not to allow Northern Pulp to put this pipe into the Northumberland Strait. Make them do what is right for all people of Pictou County. Thank you for taking the time to read this letter.

Name: \_\_\_\_\_ Email: \_\_\_\_\_ @yahoo.com Address: \_\_\_\_\_



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 12:20:49 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I think this needs a federal environmental assessment. If it is as safe as they claim then they should have no problem with this. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 84 y: 25

**From:** @ .me  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 2:16:15 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The Pictou pulp mill has been both an important environmental problem considering the destruction of Boat Harbour and a major economic problem considering the enormous amount of public money that has been diverted into keeping the mill going for years and it is time that this stop. An environment assessment by either the provincial or federal authorities is not reassuring because the types of tests involved would only detect severe short-term affects of the effluent e.g. the number of fish which would die in 24 h. What about the effects of long term low levels of pollution? There is also the problem of the devastation that the mill is doing to forests in Nova Scotia. The Lehey report clearly indicates there is need for a revision of forestry practices, and in particular less clear cutting. In addition, conserving our forests, and allowing abused forests to recover, is extremely import at this point in time, as expanding living forests is the best way for Nova Scotia to contribute to reducing climate change by providing increased canopy covered lands to sequester of CO2. Certainly extending the use of Boat Harbour would be further insult to the indigenous peoples that have been so strongly affected by the mill. The environmental racism has gone on far too long. This is a very appropriate time to reconsider forestry practices and to reorganize the forestry industry. We need better practices, such as selection cutting where the canopy is retained, and focus on high end uses of harvested wood. Biomass burning, such as done at the Pictou mill is a particulat concern as it is a polluting as burning coal not to mention the removal of trees that could absorb CO2. The government needs to take on a leadership role there, rather than letting it all drag on. Name:

Email:

Address:

:

Privacy-Statement: agree x: 65 y: 25

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 3:34:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not agree with the Environmental assessment done by the province. I think it should be a Federal Environmental Assessment. I also do not want to see the affluent going into our marine environment. Name:  
Email: @ns.sympatico.ca Address

Privacy-Statement: agree x: 58 y: 24

**From:** @seanova.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 23, 2019 4:55:21 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am writing with regards to the plan for the bleached kraft pulp mill in Pictou County, Nova Scotia to pump many 60-90 millions of litres of effluent into the Northumberland Strait on a daily basis. I have read the Replacement Effluent Treatment Facility Project Description and Appendices in their entirety and I have grave concerns. The issue I have chosen to address in this letter is that of toxic chemicals being released into the Northumberland Strait. Using the numbers presented in the Project Proposal and Appendices, I calculate a total of approximately half a tonne of Adsorbable Organic Halides AOX per day will be released into the Strait. Appendix E3 1 reports that the maximum AOX in the effluent is 7.8mg/L. If we are conservative and assume only 60 million litres of effluent are discharged per day this would equate to 468 kg of AOX per day into the Northumberland Strait. Below I outline why I recommend the proposal be rejected. Appendix I1-B, panel 9 2 roughly outlines the effluent composition and percentage removal of chlorinated compounds by the treatment facility. I use the word "roughly" because the categories listed are very general organics, metals, chlorinated organics, etc and do not contain the actual chemical composition of each category. The mill has stated they cannot predict the chemical composition of the effluent because it is "undetermined by the make-up of the wood being processed on any given day." 3 Paid advertisements by the mill emphasize the effluent will be treated, however, the new facility is expected to remove only 45-65 of the chlorinated compounds. Many of the chlorinated and non-chlorinated organic compounds produced during the pulp bleaching process are toxic and are not readily degraded. For example, the highly toxic polychlorinated dioxins and furans are reported below the detection threshold stated by the laboratory performing the tests, and it has been deemed no longer necessary to test for them. It should be noted that "not detected" does not mean the substance is not present. They are known to be generated during the pulping process. Furthermore, many of these compounds bio-accumulate in fatty tissue, which means they are not cleared by an organism, but continue to accumulate and, as a result, the concentration is increased higher up the food chain. Given that the proposed treatment facility only removes about half of the organic chemicals that will be released into the Northumberland Strait, we need further investigation into the long-term health effects. It is important to note not all of the chemicals present in the effluent are tested or the chemical components of the effluent are fully understood. The following statement is from the Canadian Environmental Protection Act 4: "Although approximately 250 individual compounds have been characterized in bleachery effluents, they have been estimated to represent only 10 to 40 of the total low molecular weight materials present." I am not confident that we truly know the effect of the chemical mixture on biological systems. Some may argue the toxins are within the allowable limit or there are no established limits. Stantec consultants in Appendix E3 5 state "There are no CCME or provincial guidelines for AOX for marine or freshwater environments." In Appendix I1-B, panel 23 2, the AOX is predicted to be below the World Bank Group Guidelines 6 within 2 metres of the diffuser. These guidelines should not be used to justify acceptable limits of AOX as the concentrations listed in the guidelines vary based on the technology used for pulp and paper. For example the limit of AOX for bleached kraft pulp mill is 0.25kg/ADt while the limit for sulfite pulp and paper is 0.005 kg/ADt 6. This implies the limits are not set based on the effect they have on health or environment, but rather on the concentrations produced by the methodology employed in the paper industry. If the concern were truly about AOX exposure, the limits of allowable amounts would be the same for all

processes. Based on this information I conclude it is not an acceptable set of guidelines to be used for establishing concentration limits of AOX in the effluent. The experiments used to determine the effect of stress toxins, temperature, salinity, pH, turbidity, etc. on an organism have come a long way since the early 1990s. Therefore an LC50 experiment should no longer be considered sufficient. Sub lethal exposure may still affect the physiology and gene expression of the fish and/or shellfish and this is something we need to understand. We know many of the halogenated organic compounds affect the reproductive and immune systems, and can lead to developmental disorders or cause cancer. In addition, gene expression experiments help gain a better understanding of the exposure effects on protein and enzyme production which gives us an idea of how the effluent will influence the function of biological processes. I request gene expression profiling experiments be performed on fish and shellfish that are exposed to the effluent at concentrations consistent with what will exit at the diffuser final effluent " NOT once it is diluted and compared to the same species that has not been exposed. In Appendix H, it is stated "To address the concern, NPNS will commission toxicity testing to determine both potential acute and sublethal effects on immature stages of lobster and herring. Standardized toxicity testing protocols are not available for lobster and herring however, custom tests have been developed that can be completed using larval lobster and herring embryos. The tests will include Stage I-IV larval lobster and include a live-dead acute assessment of the various stages, as well as the assessment of sublethal effects on moulting time and growth. Herring tests on embryos would be similar in that they would assess acute toxicity to eggs, as well as the growth post-hatch for a number of days." These tests are not sufficient to assess long-term effects of toxic effluent exposure and do not examine multiple biological processes. Below is an excerpt from the Canadian Environmental Protection Act 4 "Some chlorinated organic compounds can be biologically degraded or transformed and transformation may lead to more persistent and bio accumulative compounds. Chloroveratroles, for example, transformation products of chloroguaiacols which are unique to bleached pulp mill effluents, are capable of accumulating in fish up to 25 000 times the concentration in water. Some other chlorinated organic compounds detected in biological tissues downstream of bleached pulp mills reflect repeated or long-term exposure rather than high bio accumulative potentials." And "Laboratory studies using individual chlorinated organic compounds that are commonly discharged from bleached pulp mills have demonstrated such chronic effects as deformities, and embryo and larval mortalities in fish. These chronic effects include significant irreversible factors which jeopardize the continuance of the species and the integrity of the ecosystem." My confidence in the proposal is further undermined by the following disclaimer from KSH consultants in Appendix C regarding the "Preliminary Engineering for Effluent Treatment Plant Replacement" "This report and any or all associated estimates included herein are indicative only and should not be viewed as definitive. KSH does not guarantee the accuracy of such estimates and shall bear no responsibility for any reliance on such estimates by the authorized recipient. KSH is making no representation or warranty as to the contents of this report, including, without limitation, with regards to capacity, quality, production or any other eventual project outcome, and KSH hereby disclaims all warranties whatsoever, including, without limitation, any warranty of merchantability, quality, suitability, performance or fitness for a particular or intended purpose. Any representations and warranties provided by KSH to the recipient in connection with the proposed project shall be limited only to those set forth in a definitive agreement to be entered into between the parties." This statement implies we cannot take the numbers seriously and they are not to be held accountable if any of the assumptions are incorrect. Over the past year and a half I have seen the county divided. It is divided because the currency for the discussion is "jobs". Politically, I understand why. However, I think it is incredibly short sighted on our part. We need to understand what the volume and composition of waste

will do to the local ecosystem and what will be the long reaching effects. Half a tonne of toxic AOX chemicals along with the rest of the substances in the effluent every day into the Northumberland Strait is unconscionable. I have added an appendix to this letter that contains several other points that came to mind while reading through the literature for the proposal. Please consider these points as well. Thank you for taking the time to read this letter and please consider that we could potentially be destroying the sensitive aquatic ecosystem of the Northumberland Strait and rendering it uninviting for aquatic species and human recreation if the current proposal is granted. We could also be poisoning and/or killing the fish and thereby poisoning ourselves. I beg you to ensure the proper and current experiments are performed before pulp effluent is pumped into the strait. It is my opinion that the limits of allowable toxins and effects of said toxins are not well established. Please copy me on the environmental assessment report once your office has made their decision. Sincerely, Retired scientist BSc, MSc, PhD organic chemistry, concerned citizen and resident of Pictou County. 1. Appendix E3 Stantec Receiving Water Study Effluent Treatment Plant Replacement p3.66 2. Appendix I1-B Project Launch Materials at Open Houses and Engagement Sessions 3. Appendix I4 Meeting of Fishers of Northumberland Strait Fishers Northern Pulp NPNS Re: Proposed Effluent Treatment Facility Replacement ETF February 8, 2018 section 2.3 4. Canadian Environmental Protection Act Priority Substances List Assessment Report No. 2 Effluents from Pulp Mills Using Bleaching 5. Appendix E3 Stantec Receiving Water Study Effluent Treatment Plant Replacement 3.3.2.1 Adsorbable Organic Halides 6. World Bank Group Guidelines

<https://www.ifc.org/wps/wcm/connect/6f13e78048855398afb4ff6a6515bb18/Final2B-2BPulp2Band2BPaper2BMills.pdf?MOD=AJPERES> 7.

<https://vancouversun.com/business/local-business/nanaimo-pulp-mill-to-pay-135000-penalty>  
Appendix of additional questions/concerns: A. It will affect more than fish. See Appendix N in the Project proposal for rare, threatened or endangered flora and fauna. There are many listed within less than 5 km from the project site. B. Effluent composition is different if the mill is undergoing maintenance. Have levels of contaminants been taken into account during this scenario? I have not read anything regarding that in the proposal. C. One of the risks identified by the mill is that plastic from the MBBR moving bed biofilm reactor could end up in the receiving water. How is this addressed? D. Power outage caused Harmac mill in BC to pump untreated effluent into the ocean. 7 What would prevent that from happening here? E. If we assume the regulations are acceptable for environmental health, the allowable concentration or pH, salinity, temperature, etc. limit does not mean 2 metres, or 8 metres, or 100 metres from the diffuser. Allowable concentration means the effluent should be at or below the legislated concentration prior to exit from the diffuser. Dilution into the receiving water should not be used for justification. Name: \_\_\_\_\_ Email: \_\_\_\_\_@seanova.com Address: \_\_\_\_\_

Privacy-Statement: agree x: 68 y: 18

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 8:45:08 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Allow the extension to  
build a proper facility Name: Email: @hotmail.com  
Address:

: Privacy-Statement: agree x: 55 y: 27

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 8:57:47 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Piping the effluent from Northern Pulp into the strait is no solution at all. The plant claims that its crucial to Pictou County because it provides jobs, but it would ruin the livelihoods of all those fishers who take their catches from the strait. The pulp plant has been polluting our waters far too long. Perhaps if it closed down, it would make the area more attractive for enterprises that would bring new, more sustainable, less toxic industries to the area. Name: Email:

@gmail.com Address:

Privacy-Statement:

agree x: 57 y: 23



**From:** @northernpulp.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 1:07:23 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Im very pleased with the E.A. It was very detailed and informative. Im very pleased with the Treatment Facility Design and with the addition of the oxygen delignification process, I think it will have no trouble at all exceeding any stringent regulations. Name: Email:  
@northernpulp.com Address:

Privacy-

Statement: agree x: 72 y: 25



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Nova Scotia Environment Feedback Form Submission  
**Date:** February 24, 2019 3:08:06 PM

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name: email: @hotmail.com comments: in regards to the environmental problem the northern pulp is contributing and will continue to contribute with the new efficient pipe in the northern straight....If you have any idea of the horrible affects of this issue in our county...causing death. serious and life threatening disease killing wild life and not to mention the wiping out of our fishing industry. the fish that is caught and sold will be polluted and kill more people. Do the right thing and support the people who value life not money...there is away an other way to solve this issue all they need to do is do it. It is against the law to dump you garbage in the forest and need to be outlawed to dump effluent into the ocean. thank you for allowing me my thoughts toward this issue..and hope your office will stand behind the people who know what is really going on here Page Last Viewed:  
[www.novascotia.ca/nse/contact.asp](http://www.novascotia.ca/nse/contact.asp)

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 4:14:48 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We have been subjected to gross air and water pollution from Northern Pulp for over 50 years. We firmly believe it is time for the mill to close and boat harbor be cleaned up on schedule, closing January 2020. No pipe in the Northumberland Strait as this will only lead to more pollution and ongoing issues with our water and air. Name: Email: @hotmail.com Address: Municipality: Postal-Code: Fax: ### ### - #####  
email\_message: Privacy-Statement: agree x: 61 y: 23



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 6:21:09 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I have worked both part-time and full-time in forestry and arboriculture for 10 years and continue to stay aware of the issues affecting the industry and its subsequent impact on the ecology of our province. It is very clear that this proposal requires an assessment from the Canadian Environmental Assessment Agency. This is due to the fact that the province of Nova Scotia has financial stake in this project moving forward with its contribution towards the investigation of potential proposals for the effluent pipe. The current assessment, with its 30 day window for the submission of public comment, is not an adequate period of time for the public to fully read and understand Northern Pulps 1700 page submission. Furthermore, Section 34 of the Environment Act states: a the location of the proposed undertaking and the nature and sensitivity of the surrounding area b the size, scope and complexity of the proposed undertaking c concerns expressed by the public and aboriginal people about the adverse effects or the environmental effects of the proposed undertaking d steps taken by the proponent to address environmental concerns expressed by the public and aboriginal people da whether environmental baseline information submitted under subclause 91Abx for the undertaking is sufficient for predicting adverse effects or environmental effects related to the undertaking e potential and known adverse effects or environmental effects of the proposed undertaking, including identifying any effects on species at risk, species of conservation concern and their habitats f project schedules where applicable g planned or existing land use in the area of the undertaking h other undertakings in the area ha whether compliance with licences, certificates, permits, approvals or other documents of authorization required by law will mitigate the environmental effects i such other information as the Minister may require. I do not believe that the 30 day period allotted for the current assessment is adequate to fully consider all of these issues. Thank you. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 71 y: 17

**From:** @msn.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 6:26:12 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I fully support Northern Pulp and their efforts to modernize their effluent treatment process. I believe the science shows that this is an environmentally sustainable project that will ensure that Northern Pulp will continue to operate for years to come. I am confident that the new effluent treatment facility will put Northern Pulp on par with the best bleached kraft mills in the country for effluent quality. Name: Email: @msn.com Address:

: Privacy-Statement: agree x: 40 y: 16

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 7:56:04 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Adequate time needs to be given to Northern Pulp to complete all environmental studies. If this plant closes it will effect much of Nova Scotia. Name: Email: @eastlink.ca Address:

: Privacy-Statement: agree x: 67 y: 17



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 8:14:31 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I would greatly appreciate a thorough federal environmental assessment of this project. Our forest industry can survive without a pulp Mill but our fishing industry cannot survive contaminated water. Please err on the side of caution and do the most complete evaluation possible. Name:

Email: @gmail.com Address:

: Privacy-

Statement: agree x: 34 y: 24

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 24, 2019 8:14:34 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a Child and Adolescent Psychiatrist in Nova Scotia, and live a drive from Pictou Landing First Nations and Boat Harbour. My Sub-Specialty training included studying and treating the effects of environmental toxins on the developing brain. There are many toxins which affect the brain, However I will focus on Methyl Mercury and Particulate Matter PM 2.5. My concerns are the unaccountable loss of several tons of mercury in the 1970s near PLFN. The peak was 5 tons of mercury in 1975 Canada Press 1977. This would be an estimated loss of 10-15 tons over a 10 year period Montreal Gazette archives. In my opinion, we are testing fate with this amount of Methyl Mercury in the ground. JIF Consulting has found 3 areas of mercury in the groundwater surrounding Pictou Landing. Methyl Mercury bio-accumulates in seafood. Humans who consume seafood with Methyl Mercury can develop Minamata disease. This is a devastating disease which first was encountered in Minamata Bay in Japan where humans developed this disorder after consumption of toxic seafood. There is no treatment for this disease. Pregnant mothers transfer this Methyl Mercury to the placenta to the developing fetus causing severe brain damage. In Canada, we have had Minamata disease diagnosed in Ontario, Grassy Narrows and White Dog First Nations communities. This developed after Dryden Pulp and Paper spilled 10 tons of mercury into their river. Pumping toxic effluent directly into the Northumberland Strait is not an acceptable alternative for all the above reasons. The effluent will not be toxin free no matter how treated and will bio-accumulate in bi-valves mussels, scallops, oysters and lobsters. Seafood will be contaminated. The archaic expression dilution is the solution to pollution is no longer acceptable. Humans are at risk! We have the most pristine cold waters and export seafood to a dollar value of 2.0 Billion Dollars in 2017. Infrastructure at Halifax Stanfield Airport has begun to increase with holding areas for lobster and 3-5 air cargo shipments to China per week, as well as to Seoul, Korea. Why would we want to put this at risk? With regards to air pollution, Northern Pulp emits 63 of all the PM2.5 in NS of all businesss combined. WHO in 2013 declared PM2.5 carcinogenic to Humans . Once in the air it can stay in the air days to weeks and travel hundredts to thousandts of miles. The new precipitator installed on the recovery boiler addresss the odour but not the PM2.5. The main boiler has no precipitator. We are concerned about our local lumber industry and how they would be forced to adapt if the Mill ceases to operate. The lumber Industry will change in the upcoming year when the new laws will be enacted regarding sustainable forestry practices. It will be a reshaping of the Lumber and Forestry Industry and they will need direction and support from the community and the Federal Government. It is never Wealth over Health, Its always Health over Wealth. This information has been exposed over and over again. 50 years of environmental racism is shameful and it is time to resolve this issue. Honour the Boat Harbour act. We need a Federal Assessment, not just a Provincial assessment. No more extensions. Peoples Health and High Quality standards of environmental protection should be our goal. We have to live with Industry. We dont have to live with Industry that pollutes. Respectfully Submitted,

Name: Email: c @gmail.com  
Address:

: Privacy-Statement: agree x: 63 y: 31

**From:**  
**To:** [Environment Assessment Web Account; ceaa.northernpulp.acee@ceaa-acee.gc.ca;](#)  
[CEAA.BoatHarbour.ACEF@canada.ca](#)  
**Subject:** Concerns around 4 Tonne of TSS PER DAY - Opposing the NP Waste Proposal  
**Date:** February 25, 2019 8:44:26 AM

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CEAA, NS EA

On pg 84 of the EA, the projected Total Suspended Solids is 48mg/L. If 85 Million Litres of Effluent is processed per day, that equates to around 4 Tonnes of TSS per day into the Strait. Even if that meets the 25 year old PPER, it still poses a major risk to the marine species in that area.

The EA states that with the proposed AST facility, that TSS will be higher than the old waste process. This is unacceptable.

Sincerely,

**Table 5.6-1: Anticipated Daily Maximum Effluent Water Quality (reprinted from Stantec 2018, Table 3.2)**

Parameter	Unit	Value
Adsorbable Organic Halides (AOX)	mg/L	7.8
Total Nitrogen (TN)	mg/L	6.0
Total Phosphorus (TP)	mg/L	1.5
Colour	TCU	750
Chemical Oxygen Demand (COD)	mg/L	725
Biochemical Oxygen Demand (BOD <sub>5</sub> )	mg/L	48
<b>Total Suspended Solids (TSS)</b>	<b>mg/L</b>	<b>48</b>
Dissolved Oxygen (DO)	mg/L	>1.5
pH	-	7.0 to 8.5
Temperature	°C	25 (winter) 37 (summer)
Total Dissolved Solids (TDS) or Salinity	g/L	4

**At 85,000,000 L =  
4 Tonnes of  
Solids PER DAY**

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Support of Approval Permit  
**Date:** February 25, 2019 9:13:54 AM

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Good Morning

I am writing a letter in support of an approval permit for a Class 1 Environmental Assessment for the replacement system for Boat Harbour submitted by Northern Pulp on January 31, 2019. I believe the company has put many long hours into this assessment and has done a thorough job making sure all environmental standards have been met. I know that the Boat Harbour setup was not the way to go but back in 1967 environmental standards were not in place like they are today and technology in these areas has changed substantially in the last 50 years. The new owner of Northern Pulp has already done work to this mill over the years he has had ownership to reduce his environmental footprint with technologies such as the new precipitator which has reduced the emissions going into the atmosphere and is now willing to put the money into the new effluent treatment facility. This new facility will treat the effluent on site before ever leaving the mill eliminating the risk of another effluent leak from ever happening again. Northern Pulp has found the best existing technology today for Bleach Kraft Pulp Mills. The owner has also proposed an O2 delignification after the treatment plant is built which will reduce chemical usage along with water consumption reducing the amount of effluent. I believe that the Remediation of Boat Harbour has to happen for not just the First Nations people of Pictou Landing but for all the residence of Pictou Landing but I feel that the government has not given Northern Pulp enough time to complete the entire process for this to happen. At the beginning when the Premier gave the deadline of January 31, 2020 there were only 7 studies to apply for an EA but ended up being a total of 28. These studies take time and some of them can only be done in certain seasons. It has come out recently that the company that is to be in charge of the Remediation of Boat Harbour will not be able to start work on the expected date due to delays. I would like to ask you how it is fair that this company that had the same amount of time to get their ducks in a row is entitled to an extension but Northern Pulp who has taken on all these extra studies that kept coming up throughout this process is not entitled to an extension? Any project whether it be a new school, hospital or effluent treatment facility all have delays that are out of their control. Northern Pulp has had many obstacles whether it be the weather, having to find an alternate route for the pipeline right up to the blocking of their survey boat which I'm sure you have most likely seen on the news. I feel that it is only fair that you give the same exception to Northern Pulp as you are to the company in charge of the Remediation.

I have lived in Pictou County for my entire life (30 years) and feel that the closure of the pulp mill would be detrimental to the county and also the entire province. Throughout my life I have seen the impact that it has had on this county when places like Maritime Steel and Trenton Works had closed and the economy was in a better place than it is today.

I believe all the industries involved fisheries, forestries and the pulp mill can coexist. I believe that the EA brought forth by Northern Pulp will pass all environmental standards and that this County and Province will continue to prosper.

Respectfully

Sent from my iPhone

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** northern pulp proposal for environmental assessment  
**Date:** February 25, 2019 10:38:08 AM

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I have read and noted the Registration Document dated Jan. 31, 2019 and to the attention of Ms. Helen Yeh, Environmental Assessment Officer. What follows are my comments on same and my views on the proposal to pump large volumes of pulp effluent into the Strait of Northumberland.

At pages 8 and 9 of this submission is found the following statement: "For its entire fifty year history the BHETF has discharged into the Northumberland Strait at the outlet of the Boat Harbour Estuary." My comments on this seeming justification for continuing a process rife with environmental negative consequences- Yes this is true, and what have been the impacts of that? 1. pollution of Pictou Harbour (see study of cancer development in mussels in cages at strategic locations in the said Harbour and in the areas immediate to the Harbour's mouth.) Second, this outfall is a black pitchy mess that has caused the closure of one of Nova Scotia's most popular beaches (Lighthouse Beach); it has also resulted in the closing of the swimming area for the Girl Guides Camp (MacLellan's Girl Guide Camp- east of the Boat Harbour outfall; those children have been bussed to Melmerby Beach just to be able to have their swim lessons). Lobster traps that had been set in the area of the outfall and to the east of the outfall have had to be moved as the bottom does not allow a habitat for the lobster to thrive in. The effects on A'se'k (the other room) or Boat Harbour are abundantly clear!

Next: Here is a glaring and serious flaw in Northern Pulp's submission; it cannot be minimized and must not be ignored. At Section 2.3, page 11 is this statement: "Due to the EA Registration submission timing, the study period did not facilitate full biological field assessments for the current proposed transmission pipeline corridor." And "Field studies for the marine environment have been hampered by both seasonal constraints... and by physical opposition and obstruction..."

To proceed with any project given this admission by the proponent is totally unacceptable and amounts to a rolling of the dice that cannot be endorsed at any level of meaningful analysis and assessment. For a company to submit this as part of its plan is simply an admission that it has not done its work robustly! Here is the quote from this EA submission that shows how slack and lacking in thoroughness this proposal is. "The existing environmental conditions and associated potential environmental effects of the project therefore have been defined based on EXISTING AVAILABLE INFORMATION {non-specified} and OTHER DESKTOP SOURCES." Are they kidding? They did some Google searches and that is robust, competent, scientific analysis and assessment? No, it is blatantly insufficient, and presumptuous in the extreme. The proponent has chosen to put money into advertisements and sponsored media content. It should have started in 2015 when the Boat Harbour Act became the law of the land and done its due diligence. For Northern Pulp to state that it feels that their superficial analysis is justified given what it frames as a "... practice (that) is consistent with federal and other provincial EA processes..." is ludicrous and irresponsible, especially given the magnitude and likely negative impacts to the fishery and to tourism that account for several billion dollars of economic activity every year. These interests have been consulted and their opposition to this pipe in the Strait is uniform and persistent. In a nutshell, the tourists operators and the fishermen will never support this proposal. As to the feelings of those who cottage and camp along the Strait, their feelings have been made clear in their attendance in very large numbers at numerous public awareness sessions. The provincial government has heard these voices and the Boat Harbour Act has addressed some of the concerns. The views of the ordinary citizens have been documented and a survey of these letters to the editor will show where the majority

of people come down on the proposal to pipe pulp effluent to Caribou Harbour and dispose of it there or anywhere in the Strait. Hopefully the Government of Nova Scotia has seen fit to assess this citizen commentary; it is relevant.

With regard to the fishery particularly, there are several points that need to be made. There is ample evidence to support the concern that there will be bioaccumulation of deleterious, toxic substances that will impact the development of lobster larvae and will also cause the lobster to move to more hospitable environments in which to feed and reproduce. Pulp effluent in the Fisheries Act and other documentation is clearly identified as "toxic". Further, Northern Pulp has never identified the constituents that are in this effluent; the company has refused to do so. How can any government department, be it federal or provincial, sanction any such effluent if the constituent elements and each of their concentrations is not clearly established? In terms of known toxic and even lethal substances, it is clear that dioxins and furans are in the liquid effluent in Boat Harbour. It is clear, and has been most recently established with a published study by six Dalhousie scientists, that there are at least three known carcinogens that leave the stacks at Northern Pulp. They are in the form of 1,3 butadiene, carbon tetra chloride and benzene. That study also stated that these three elements exceed the Environmental Protection Agency standards for safe emission levels. The aforesaid study also indicated the inadequacy of monitoring of such emissions. In other words, it stated that the monitoring stations are improperly sited and there are too few of them. As of this writing, it is believed that the monitoring station in the Town of Pictou ( the only one in the Town, is inactive). How can this be allowed to persist?

As to the siting of the marine outfall to allegedly "minimize potential impact to marine water quality...". How can this claim be made when the constituent elements of the effluent and the concentrations of each have not been established? A study done in the early 1990's, with the lead author being S,. A. Jones, indicated that the release of effluent stays in the water column that it is released in for many kilometres and is found in "measurable amounts" even at a distance of thirty-six kilometres. How then can the proposal from Northern Pulp claim, without any significant modelling, that ambient conditions will return to the norm within a few metres of the outfall? This claim arrived at through inadequate modelling does not jive with the study just referenced. The NP submission also states that it feels that a pipe in the Strait will be a visual improvement to the existing obvious visual effects of today. It should be remembered that it was advocates for the pulp mill who in 1965 were telling residents and First Nations that there would be nothing but clear water coming out of Boat Harbour. In the literature put out at the November, 2017 meeting sponsored by Northern Pulp at the Wellness Centre in Pictou County at pages two and three it showed several beakers with the one to the far right showing a clear beaker of what looks like water. Once again, this is what Northern Pulp is saying the effluent will look like when it exits the pipe. I found this tactic to be reminiscent of what was displayed to the public in the mid 1960's. And, of course, the illustration then was dishonest and lacked genuineness.

This submission by Northern Pulp also states that there will be a surfacing of the effluent. I am sure that the boaters and swimmers in PEI, Pictou Island, in Brule and Tatamagouche will be pleased to hear that there will be effluent on the surface of the waters of the Northumberland Strait. Even more significant than the surface visual effects will be what happens to the marine biota and flora. This proposal does nothing to convince me that any best practices have been followed in the sense of solid scientific research, modelling and assessment to ascertain the likely impacts on these. It is what cannot be seen from the surface and what will bioaccumulate that will be most devastating to marine species. When so many livelihoods in

sustainable industries could be so affected, why should such a gamble as the one being offered in this proposal be entertained? The federal government needs to intervene here and make its own determination as to the "significance of environmental effects of the project." The federal government also must assess whether or not the Department of Environment in Nova Scotia has duly consulted with First Nations people in the Maritime Provinces ,as to this proposal!

Dillon Consulting in this submission to the Nova Scotia Department of Environment suggests that First Nations have been one of the groups offering "valuable input and raised important questions", yet it is very clear that this input has not at all been reflected in the submission Dillon has made on behalf of the proponent. First Nations may have been asked for input, but they have not been MEANINGFULLY CONSULTED. There is a huge difference, and it is one that has implications for the involvement of the Federal Government of Canada. It must be noted that the relationship that has developed between Pictou Landing First Nation and Northern Pulp has not been harmonious in any sense.

The proposal to run a pipe along the roadside, within a right of way is fraught with numerous problems. Also, the pipe itself will be an ugly presentation for all to view- even those who disembark from the ferry in Caribou. Tourists avoid the area now by driving quickly through Pictou County to other more pristine destinations. This has been clearly articulated by numerous people in the tourist and retail sectors. The owner-operators of Pictou Lodge have been making this abundantly clear for many years.

The Municipality of Pictou County has voted to support a firm closure date for Boat Harbour. It also has to give due consideration as to whether it will permit the passage of this effluent pipe over Municipal lands and watersheds. This is also the case , and more particularly so, for the Town of Pictou which depends to a significant extent on well-water supplies that this proposed pipe will pass over.

There are so many problems with running the pipe withing the right of way of the highway that it would be exhaustive to mention them all, but here are three concerns: 1. The proposal states that "The pipe may also be installed withing a paved portion of highway 106 to avoid existing infrastructure or environmentally sensitive features." So, tractor trailers, buses, cars, motorcycles will be travelling alongside a pipe carrying effluent and the barriers between them will be a guardrail. Really!  
2. It is proposed that a "boring method" will be used to send the pipe around the current and recently redesigned rotary in Pictou. Again, really? In an area that is just beginning to give the Town of Pictou some promising retail development? 3. As far as decommissioning of this pipe , the plan, if it can be called such, is to leave everything in the ground or under the water and to merely cap it off after it has been cleared of the effluent in it. Hey, no problems here, just let mother nature and the future taxpayers deal with it.

The legislature of Nova Scotia has passed a law that will be followed, as being law abiding is in the best interests of all of us. To suggest that we should break the law to convenience any party is not tenable. Therefore the Boat Harbour Act must be followed to the letter. Lastly, the company Northern Pulp/ Paper Excellence opted to take a stance on how to "negotiate" with all interested and concerned parties with respect to a new effluent treatment proposal. It now proposes to hold effluent at Abercrombie Point for no more than two days before it transports it into the Strait. This is not an improvement over the existing treatment. The proponent has not done diligent work with respect to appropriate modelling nor proper and complete assessment of the potential harmful effects of this proposal if it were to be implemented. It



used numerous excuses as to why such thoroughness was not possible. It did not point to its own hesitation to get at this from the time that the Boat Harbour Act was passed. That is on the company. The company chose brinkmanship as a negotiating ploy. Brinkmanship is not part of a negotiating process that is used until late stages when one party or another opts for desperate moves. This was not a good faith approach by the proponent, and it has led to the divisions of not just the local communities, but to communities more distant. The strategy has also had the effect of strongly uniting previously loosely - connected elements; for that we should be thankful since being united in a cause can help to level the playing field. That, in my view, is what has happened in this matter. The leanings of the majority is found in the proclamations and meetings and press releases offered by the various, but now united, entities which include but are not limited to the following: Pictou Landing First Nations and the other First Nations communities in the Maritimes; Friends of the Northumberland Strait; Clean the Mill; the Fishermen's associations from across the Maritimes; the government of Prince Edward Island; concerned citizens.

There is a determination among all of these elements to advocate for the workers at the mill in Abercrombie and to advocate for the independent contractors who provide the mill with product should a closure of the mill occur. It is this determination to advocate and secure best results possible for these workers and contractors that is on the record. It is also this commitment that may be the force to re- fuse relationships that have soured because of the effects of the proposal to handle pulp waste in the manner that this proposal advocates.

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp's Replacement Effluent Treatment Facility Project  
**Date:** February 25, 2019 11:56:02 AM  
**Attachments:** [My letter to the Environment Minister.docx](#)

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Good Morning

I am including my letter to the Environment Minister on my interest in the Northern Pulp issue and the assessment that is taking place on this subject at this time.

King Regards,

## Re: Request for Designation for CEAA Federal Assessment - Northern Pulp Effluent Treatment Facility

I am writing this letter in regards to Northern Pulp's Replacement Effluent Treatment Facility Project.

My name is \_\_\_\_\_ and I have been a resident of \_\_\_\_\_, Nova Scotia for the past 37 years. I have also worked at the same Company for 35 years (Sobeys Inc). Previous to that I grew up in \_\_\_\_\_, Pictou County, Nova Scotia which is on the Sunrise Trail and not far from the coast. In the summer months we spend our time at our cottage in Caribou Island. We enjoy swimming and walking the beautiful shoreline collecting drift wood and beach glass. It is a beautiful spot 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.

At the Ferry Wharf in Caribou, Pictou not far from our cottage it is a busy time in the spring, summer and fall months. Fishermen are getting their traps/gear and boats ready to go fishing for the season. The fishing industry is an anchor industry for Nova Scotia and several rural communities have survived for years and many times have thrived in the past and will continue in the future. It is also the same spot where the Northumberland Ferry docks to pick up and drop of Tourists from Nova Scotia to Prince Edward Island daily. It is a place of clean water, clean air and bountiful fish.

My father was a fisherman for \_\_\_\_\_ 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 \_\_\_\_\_ years. It is in their blood and it is now what supports their family. 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.

If this pipe goes into the Strait and pumps effluent 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? We are talking about wastes from an industry and turn it into a form of effluent waste and then pump into pipes underground into the Strait. There are just too many variables, as it might not be recycled properly, or treated properly and unnoticed leaks can happen, it will have detrimental impact on the environment through air, water and soil pollution.

In this letter there are three things that I would like to address that are just some of the concerns that I have with this assessment:

**Example #1:** "In paragraph 9.2.4 at page 501, NP states as noted previously, the project has two main sources of emissions/discharges. These sources may result in potential chronic human exposure to project-associated chemicals:

"Chemicals present in treated effluent and in air emissions may pose a potential human health risk if there is significant exposure to the project-associated chemicals.

They are stating that it is a potential Human Health Risk. I am extremely concerned about the health of people living close to Northern Pulp. For decades air emissions from the mill have been a problem affecting resident's health and the main issue has been the cancer numbers in Pictou County and now they want to pump it into our water. Pulp and Paper mills pollute our water, air and soil. There are about 500 Kraft mills, and many thousands of other types of pulp and paper mills, in the world. Primary concerns include the use of chlorine-based bleaches and resultant toxic emissions to air, water, and soil

Below is an article from the Globe in Mail in 2013 and then was once again updated in 2018. This article is stating the cancer rates in Pictou County back in 2013 with the effluent pumped to Boart Harbour. How high will those numbers go if the pipe goes into the water and effluent is released?

According to Statistics Canada, the Pictou area has the seventh highest rate of cancer per 100,000 residents of the country's 106 health regions. The area around Saint John, N.B., which also has a pulp mill, is the only region with a sizable population that has higher cancer rates than Pictou. (*Andreatta. David (2013) "In Nova Scotia town, residents fight local mill's pollution" Globe and Mail, 13 September*).

**Example #2:** "In paragraph 10.2.1 at page 521, NP states as noted below

During operation of the ETF, there is potential for release of chemicals used in the treatment process as well. Such a spill may contaminate soils and Groundwater and, through runoff, contaminate watercourses. Contaminants may adversely affect fish. And fish habitat and waterfowl. Groundwater contamination may adversely affect nearby water Supplies!

My concern with this section is the unsafe effect that can happen to the water supply, fish and marine life and human safety if there is an accidental release of dangerous material. We are talking lives and the rich eco-system that is being put at stake all for this company and their wealth, Northern Pulp had a recent leak in October 2018 although the Company did not think it was a huge deal because to them it was just a small one. It does not matter the size of the leak, it is the fact that it went unnoticed by the Company as it was reported by a couple out walking. There was another one at this plant 5 years ago. (*CBC News (2014) "Northern Pulp mill shut down due to effluent leak" CBC, 10 June*). Then in 2008, the underwater pipe broke and caused a lengthy shutdown of the mill. The Provincial taxpayers either loaned or gave the \$15 million to make sure this would not happen again and then for it to happen so soon again is a huge concern. . I question the NP inspections and how many leaks are happening that the community is not aware off? And if a pipe is underground it will never be noticed!

**Example #3:** "In paragraph 9.2.4 at page 501, NP states as noted below

As noted previously, the project has two main sources of emissions/discharges. These sources may result in potential chronic human exposure to project-associated chemicals: Chemicals present in treated effluent and in air emissions may pose a potential human health.

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)

My concern with this paragraph is that any chemical flushed through a pipe to discharge 70-90 million litres of effluent from a bleached Kraft mill is unacceptable for this day and age. Mill waste water continues to wreak havoc on surrounding ecosystems. Common sense can tell someone if chemicals are flushed into a water area then the first to digest the chemicals are zooplankton, plankton and krill which are the main food source for larger marine life. Then the lobster, herring, crab and tuna will ingest these contaminants and then eventually humans eat the polluted food supply. The fish get contaminated and so do the people who eat it, which can cause exorbitant health problems in the future for humans. So basically we should not eat the food in the ground or fish the marine life and be watchful of our drinking as there is a potential for human exposure. So how do we live what is left?

Based on the Northern Pulp's Treatment Project and the information that I provided, I feel that the marine life in the waters of the Northumberland Strait will cease to exist if this pipe goes through. As it is there is a deteriorating habitat for lobsters in the waters now and we need to get better control and come up with better data to sustain the management of our fishery resources. When this toxic waste harms one organism, it can end up destroying an entire food chain of aquatic life. Improperly disposed chemicals pollute marine life and kills sea mammals, corals and fish. And any organism that digests affected marine life can have adverse effects. Over 1 million seabirds and sea mammals are killed by pollution every year. People who live in places with high levels of air pollutants have a 20% higher risk of death from lung cancer. This pipe is not a project that we want passed! Fish and seafood are among Canada's largest exports of food products. Lobster, Atlantic salmon, snow crab and shrimp remains Canada's top species exported in terms of value, with over \$2 billion worth in 2016. Aquaculture is the fastest growing food production activity in the world and a growing sector in Canada. Approximately 72,000 Canadians make their living from fishing and fishing related activities.

Overall I feel that we need more information before the Minister can make her decision. We need an in-depth investigation. After reading this assessment there is so much evidence to show the likelihood that it will cause adverse effects on the fishery and marine life. And it will cause effects on Humans by air and water pollution. I feel that the Minister needs to reject this proposal. We need to have a Federal Environmental Assessment completed on this treatment facility. This project is undergoing a shorter, 50-day provincial Class 1 assessment, which is unacceptable. It is outrageous that you can get a Federal assessment to do the cleanup at Boat Harbour when the damage is done after 50+ years. But you cannot get a Federal assessment when Northern Pulp wants to go and cause more of a threat to our environment. 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.

My question to you Minister... 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 Canada live without that?

Thank for taking the time to read this.

Kind regards

**From:** @yahoo.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 25, 2019 5:18:01 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Surely Northern Pulp and its predecessors have been give enough tax payer money, and pumped out more than enough poison! It is time to move on!! Name: Email: @yahoo.ca  
Address:

Privacy-Statement: agree x: 61 y: 23

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 25, 2019 8:53:29 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel Northern Pulp should be given more time on the effluent project. Many jobs are tied to Northern Pulp continuing to produce fiber/paper. The time allotted after studies were completed was very short for such a major project Name: Email: Address: Municipality:  
Postal-Code: Phone: ### ### - ##### Fax: ### ### - ##### email\_message: Privacy-Statement: agree x: 55 y: 23

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Effluent Pipe  
**Date:** February 25, 2019 11:06:42 PM

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To Whom it may Concern,

I am writing on behalf of my family. My husband is a fisherman and we have 2 children. We all love to go fishing, go to the beach, go camping, go swimming, have fun & live life.

The idea of putting a pipe into the Northumberland Strait may jeopardize all of the above things that we as a family love to do.

It's just not all about the fishing industry but about tourism and everyday life that this will affect.

I'm sure when they opened the mill and proposed all there information that they did not for see Boat Harbour turning out the way it is or at least I hope they didn't!! You have to have answers you can not speculate that it is highly unlikely to harm the fisheries. If you can't say it won't then you shouldn't do it. There is too much at risk. I know there are people at the mill, the forestry industry, etc but there are also lots of people on the other side, if the pipe goes in and it ends up like Boat Harbour. Then what? We have residents, we have tourists, we have fishers and we have fish, that what, don't count?

If there is a minimal percentage that it could 25, 50, 100 years down the road, turn into a hazardous site like Boat Harbour then it's NO GOOD. We need guarantee there is going to be no affect!

I have family, relatives, friends & strangers close and afar, that deserve & NEED answers. So please do the proper Federal Assessment and get answers.

Some intresting points from section 9.2.4

"Chemicals present in treated effluent and in air emissions may pose a potential human health risk if there is significant exposure to the project-associated chemicals. As such, many of the chemicals present in treated effluent and in air emissions are considered to be candidate COPCs at this time."

"At this time, it is only possible to identify candidate COPCs that may be evaluated should a HHRA of the project be a regulatory requirement. This is due to the fact that chemical process engineering design work is continuing and there is presently uncertainty regarding the likely chemical composition and characterization of the marine treated effluent discharge (including the potential concentrations of substances present in the effluent). "

There's a lot more vague information in his proposal, this is just one part of the proposal that doesn't give me a 100% guarantee the quality of life I want for my children! It doesn't give me a 100% guarantee that the pipe will not affect my families livelihood!

Sent from my iPhone



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 12:37:08 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The environment  
Tourism Fisheries cannot bear the damage that will be done to Nothumberland Strait. Northern  
pulp and its predecessors have done enough to pollute our shores. Please no Pipe Name:

Email: @hotmail.com Address:

Privacy-Statement: agree x: 79 y: 34

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 9:14:13 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Although we live in NB we have property on Caribou Island and are very concerned about the proposal to dumpâ? treatedâ? ? water from Northern Pulp mill in the Strait. We have grandchildren who swim in the Strait as do we, and we are not anxious to have them in polluted water. We have many cousins who earn their living in the fishing industry and do not wish to see them lose their livelihood. There must be a much better solution. Please find it or close the mill. It is a much too expensive to destroy the environment and then try to cleanup after after all fish and life in the ocean has been killed. Nova Scotia is known for clean beaches and swimming, it is your tourism industry gone in this northern part of N.S. and PI Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 59 y: 20

**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 11:42:06 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is a very comprehensive document and I think the project should go ahead as soon as possible. This company has put a lot of effort and expense into preparing this project and have been cut short of time by McNeils Boat Harbour Act. The mill will be put under a great deal of stress if a shut-down of more that 10 days occurs. A lot of damage will occur in that period of time and the mill may not recover. Please pass this accessment and allow the mill and all of the spin-off business to continue operations. I would not be against the continued use of Boat Harbour to facilitate this project to its completion. Sincerely, Name:

Email: @hotmail.ca Address:

: Privacy-Statement: agree x: 59 y: 27

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Comments NPNS Replacement Effluent Treatment Proposal  
**Date:** February 26, 2019 12:11:16 PM  
**Attachments:** [Comments NP Effluent Treatment Proposal.pdf](#)

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Please see attached document for comments.

Thank you,

To: Environmental Assessment Branch  
Nova Scotia Environment  
P.O. Box 442  
Halifax, NS, B3J 2P8

Fax: (902) 424-6925

Re: Northern Pulp Nova Scotia Effluent Treatment Project Proposal

Submitted by:

Dear Sir or Madam,

I respectfully submit the following comments on the Northern Pulp proposal for the replacement effluent treatment project (NP Proposal), as registered at your office on February 7, 2019. The proposal document is too voluminous to possibly comment on all of the sections that could be included here. Therefore, I have selected several issues that I feel I am able to reasonably comprehend and make valid comments on.

I hold a Bachelor of Science from Mount St. Vincent University, and a Master of Public Health from the University of Massachusetts, Amherst. In my academic work at both the undergraduate and graduate levels, I have had to read many research papers in various disciplines in order to fulfill coursework, including writing my own graduate thesis. Understanding the underlying challenges of collecting and analyzing data using statistical methodology, and the importance of appropriately communicating conclusions of studies has informed my comments below.

My responses to the NP Proposal document include the following issues:

- Lack of scientific and statistical basis for many conclusions
- Use of ecological models without validation via observed data
- Lack of current and accurate baseline data
- Vague descriptions of the final effluent composition and impacts of solids content of effluent
- Omission of thermal pollution and global warming issues from effluent
- Irrelevance of Section 9 regarding human health impacts

The first general comment that I wish to make about the NP Proposal is its lack of what is commonly referred to as '**scientific method**'. There is a burden of work that must be completed in scientific endeavor. The best description that I could readily find on the internet (my underscores):

1. Make an observation or observations.
2. Ask questions about the observations and gather information.
3. Form a hypothesis — a tentative description of what's been observed, and make predictions based on that hypothesis.
4. Test the hypothesis and predictions in an experiment that can be reproduced.
5. Analyze the data and draw conclusions; accept or reject the hypothesis or modify the hypothesis if necessary.
6. Reproduce the experiment until there are no discrepancies between observations and theory. "Replication of methods and results is my favorite step in the scientific method," Moshe Pritsker, a former post-doctoral researcher at Harvard Medical School and CEO of JoVE, told Live Science. "The reproducibility of published

experiments is the foundation of science. No reproducibility – no science."

<https://www.livescience.com/20896-science-scientific-method.html>

In the instant NP Proposal, data is derived from models created and operated in controlled environments. In the natural world, the number of variables that affect the validity of the data are either too numerous to list, or are simply unknown. Statistical confidence intervals of conclusions in this proposal are not stated, nor are any statistical analyses mentioned (See #5 above). All scientific and technical data must withstand statistical scrutiny. This is meant to address the probability that the data is replicable and applicable in the natural environment or larger population.

There is no mention in the NP Proposal of how the models utilized by Stantec were validated, yet numerous assumptions/conclusions regarding the performance parameters of the proposed project are presented. Studies have been published about the validity of utilizing **models in ecological studies**:

“Because there are no generally agreed validation criteria for ecological models, the best that can be done at present is for the modeller to state explicitly what the validation criteria are and leave it to the user to judge if the criteria are adequate. The most common criteria at present are the “see how well the simulated data matches the observed data”...

Rykiel, E.J., Jr. “Testing ecological models: the meaning of validation.” *Ecological Modelling* 90 (1996) 229-244.

Validation criteria are not mentioned in the NP Proposal, based on my own reading. Stantec has included simulated data on many effluent and pipe parameters. However, observed data is not included. For instance, with respect to the receiving environment – the baseline (current) water quality data is *assumed* to be the same at the outfall location as a previously considered location. This is articulated in the following disclaimer found in Appendix E - Receiving Water Study p. 16:

“No historical water quality data are available for Northumberland Strait around the CH-B location. Data from neighboring Pictou Road (Stantec 2017) located about 6 km southeast were used.”

Two year old data from a location “about” 6 km southeast was utilized, and characterized as “...expected to be worse than off Caribou Point at CH-B...” **This is a significant flaw in the validity of conclusions about the risks inherent in this project. Scientific conclusions cannot be drawn from the modelling data, only hypotheses.**

*This deficiency should be considered pursuant to Section 12 (da) of the Environmental Assessment Regulations.*

#### Section 5.6.1 Replacement Effluent ETF Effluent Discharge

The NP Proposal provides projected *estimated* composition of effluent leaving the diffusers at Table 5.5-1. It is then purported that this effluent “...will meet ambient water quality (current background) at the edge of a standard mixing zone.” This critical section of the proposal is lacking in detail and does not explain where the extraordinary volume of effluent matter that will be continually exiting the diffusers will go. A fundamental scientific law states:

“**The law of conservation of matter** or principle of matter conservation states that the mass of an object or collection of objects never changes over time, no matter how the constituent parts rearrange themselves. The mass can neither be created nor destroyed.”

There is one variation in the law of conservation of matter, which is the production of energy in radioactive materials. The basic law of conservation of mass/matter is well known and applies in the fields of chemistry, physics, fluid dynamics etc.

The NP Proposal does not adequately address where the effluent mass being delivered at the diffusers will end up once it enters the Northumberland Strait. Every molecule of effluent will remain in the strait/ocean waters unless vaporized into the atmosphere.

Table 5.6-1 Anticipated Daily Maximum Effluent Water Quality (Reprinted from Stantec 2018, Table 3.2)

1. The **total suspended solids** in the effluent are *estimated* to be 48 mg/L. Using the conservative approach, the mill will be sending 85,000,000 Liters of effluent to the Northumberland Strait every day. This is the equivalent of 4,080 kg/day, or 1,489,200 kg/year of “suspended solids” being dumped into the strait. It is further noted that these suspended solids will be comprised of an unknown proportion of floc – biological organic solids, including microbes. Whether floc, sediment, chemical or any other substance, this is an enormous volume of organic and inorganic solid mass entering the Northumberland Strait.

If the solids become diluted within an arbitrary “mixing zone”, then the massive amount of solid organic and inorganic material will simply be present in a more dilute concentration.

**Given that each year there will be 1,489,200 kg of suspended solids released, the consequences should be addressed by the proponent.** This is a serious deficiency in the proposal.

*This deficiency should be considered pursuant to Sections 12 (c), (d) and (e) of the Environmental Assessment Regulations.*

2. The temperature of the effluent leaving the diffusers is *estimated* to be 25° C in the winter and 37° C in the summer. At Appendix E - Table 3.1 Background Water Quality (from Stantec 2017) at the location “about 6 km southeast”, the average winter temperature is denoted as 0° C and average summer temperature as 17.6° C. Thus, the average **effluent to ambient temperature differences would be 25° C in the winter and 19.4° C in the summer.**

**Thermal pollution** is perhaps the most concerning aspect of this proposed project, in its **deleterious effects on organisms** and contribution to **global warming**. A short primer on thermal pollution:

- Cold water contains more oxygen than hot water so increases in temperature also decrease the oxygen-carrying capacity of water. In addition, raising the water temperature increases the decomposition rate of organic matter in water, which also depletes dissolved oxygen. These decreases in the oxygen content of the water occur at the same time that the metabolic rates of the aquatic organisms, which are dependent on a sufficient oxygen supply, are rising because of the increasing temperature.
- Ocean invertebrates, fish and marine reptiles are obligate poikilotherms - their body temperatures depend entirely on the surrounding water. Each species is adapted to a single range of temperatures and many pass through several different life stages, each with an individual range of tolerance. The ocean's vast populations of microbes, fungi and sea plants also rely on narrow temperature ranges for optimal growth.

- Thermal pollution often temporarily increases aquatic plant populations. Other life forms, including microbes and animals, move into these regions to exploit the higher oxygen levels, but when photosynthesis stops at night or upon the death of plants, dissolved oxygen levels plummet, leading to massive animal die-offs. Excess heat can also cause unnaturally large microbial blooms, which kill animals by depleting local oxygen or producing toxins.
- Unnatural warmth and cold can also delay and redirect migration, influence when and whether breeding occurs, and decrease survival of young in marine mammal, reptile and bird populations. Heat pollution that leads to an overabundance of organisms in a region can draw in excessive numbers of creatures that feed on them, while depletion of prey populations by heat stress forces their predators to encroach on regions outside their normal range. Both situations lead to unnatural competition between and within species.
- A sudden thermal shock can result in mass killings of fish, insects, plants or amphibians. Hotter water may prove favorable for some species while it could be lethal for other species. Small water temperature increases the level of activity while higher temperature decreases the level of activity. Many aquatic species are sensitive to small temperature changes such as one degree Celsius that can cause significant changes in organism metabolism and other adverse cellular biology effects.

<https://www.slideshare.net/meghamajoe/effect-of-thermal-pollution-on-marine-life>

*This aspect of the proposal should be considered pursuant to Sections 12 (c), (d) and (e) of the Environmental Assessment Regulations.*

It is unclear whether this EA will consider the effluent contribution to **global warming**. The gradual warming of the receiving waters within and beyond the arbitrary “mixing zone” from hot/warm effluent is not discussed in the NP Proposal. There is a document on the Nova Scotia Environment website at the Environmental Assessment pages titled: “Guide to considering climate change in environmental assessments in Nova Scotia”. According to this document, Global Warming considerations in the EA include:

“Operational processes and activities can include the project’s energy sources and operational boundaries (Guide to Considering Climate Change in Project Development in Nova Scotia Section 2.2, Steps 1–A and 2–A);

- Anticipated emissions can include information on the processes contributing to GHGs (Section 2.2, Steps 1–A,2–B) and estimated GHG emissions (Section 2.2, Step 2–C);
- General layout and size can describe the loss of carbon sinks through extent of forest removal (Section 2.2, Step 1–B); and
- The project’s location or setting can be used in relation to a project’s climate change vulnerability.”

<https://novascotia.ca/nse/ea/docs/EA.Climate.Change.Guide.pdf>

#### Table 2-1 Criteria for Assessing Significance of Impacts from Project Activities

Operational processes and boundaries include the piping of hot effluent into the marine environment. Thermal pollution and its contribution to global warming are not discussed in the NP Proposal. The contribution to global warming should NOT be glossed over in this assessment. The 1967 mill should not be pushed forward into our collective future without considering the timely and relevant issue of global warming vis-a-vis the thermal pollution that will result from the proposed project. **Thermal pollution from the effluent will cause a significant adverse residual environmental effect in its contribution to global warming.**



### Section 8.1.3.1. Potential Environmental Effects

The following paragraph in its entirety is vague and without any scientific basis. This paragraph should be rewritten to provide clear and detailed information about potential harm from the emissions after the project:

“Without mitigation, the project *could* interact with the atmospheric environment in the following ways...emissions from the combustion of such sludge in the power boiler during operation and maintenance *could* disperse from mill stacks to off-site receptors.” (Registration Document at page 142)

The use of “estimates” of current emissions at Table 8.1-5 is inadequate. The use of “estimates” at Table 8.1-6 is therefore, also unacceptable. Note that the “estimated” values are then utilized as baseline in the modeling noted at page 146: “Ground-level concentrations (GLC’s) of air contaminants were predicted for two modeling scenarios...”.

The models utilize baseline “estimates” to inform the conclusions seen in **Table 8.1-7 Summary of residual environmental effects related to the atmospheric environment VEC** (page 147). Ultimately, the findings under Significance of Residual Effect are all deemed “not significant”. The conclusions based upon estimates are not valid or scientific. The conclusions are based on conjecture.

Breathhtaking in their brevity, and vague, sweeping conclusions, Sections 8.1.3.1 through 8.1.4 should be rewritten to include a scientific basis. The conclusions are based on hypothetical outcomes derived from models. There is simply no rigorous scientific study noted in the proposal to support the assumptions in Sections 8.1.3.1 – 8.1.4.

*This deficiency should be considered pursuant to Sections 12 (c), (d) and (e) of the Environmental Assessment Regulations.*

### Section 9 Human Health Evaluation

As a public health professional, it is impossible to understand why a project of this magnitude and nature would not require a human health risk assessment (HHRA) in an EA.

Anecdotally, there have been long suffering health effects in the population in geographic proximity to the Abercrombie pulp mill. The mill emissions are copious and unpredictable as they flow in response to wind velocity and direction. The waters of Boat Harbour are toxic and therefore, the effluent leaving Boat Harbour and going into the Northumberland Strait cannot be innocuous to marine or human life.

Morbidity and mortality can be measured and analyzed in a healthcare system such as Nova Scotia’s. Reportable disease is recorded and some data is published. However, rates of disease such as cancer in Nova Scotia are published at “zone level”, which makes it impossible to discern an elevation of disease rates in small geographical locales, or clusters.

<https://www.cdc.gov/mmwr/preview/mmwrhtml/rr6208a1.htm>

My public health practice has been outside of Nova Scotia and so I cannot speak to the reason why the province has failed to study disease rates in Pictou County. I find it unusual that over the long history of the mill’s presence, this has not been undertaken. This work is the domain of epidemiologists who utilize data (such as from the Nova Scotia Cancer Registry) and determine if disease rates appear to be elevated and, whether high rates of disease might be associated with the mill emissions and effluent. To the best of my knowledge, this has never been undertaken.

**In the absence of epidemiological studies, it is not possible to dismiss the effects of the mill on human health. Nor is it possible to confirm the effects without delving into epidemiological studies.** Unfortunately, this EA is currently proceeding without requirement to review the project's potential future effects on human health. This follows the paucity of attention to health effects from mill emissions and effluent over the last 51 years. This is an unjust burden upon the people of Pictou County. In any case, the information in Section 9 has no application in this EA in the absence of any historical epidemiological data. Any future epidemiological study would obviously take many months or years.

*If human health were deemed relevant to this undertaking, the matter should be considered pursuant to The Environment Act, Section 34 (1) (b).*

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 1:01:48 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: xx Name: Email:  
Address: Municipality: Postal-Code: Phone: ### ## - ##### Fax: ## ## - #####  
email\_message: Privacy-Statement: agree x: 76 y: 18

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 1:24:25 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not approve of pumping treated effluent into the Northumberland Strait. no proof that the effluent will not be harmful to the surrounding waters especially with the temperature it is being quoted at. A lot of items with should or should not as per their model. The first proposal shows what little forethought was given to the proposed route as charts were readily available with depths and shipwrecks clearly marked. Furthermore the presumption they could cross the town of Pictous watershed without requesting approvals shows how entitled they think they are The amount of monies spent on the first and subsequent plans have been mainly funded by the provincial government and with the time spent could have been used to find a real plan and a solution. This company has continually been above the emission levels with no regards for the people in the surrounding area. Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 65 y: 26

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 5:04:37 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Northern Pulp effluent treatment facility as proposed February 2019. Volume of waste water effluent 82,500 cubic meters/day is 57,300 litres per minute, system maximum. 70,000 cubic meters/day is 48,600 litres per minute, the rate which is most commonly created during the normal operations which the plant manager reported to me in conversation. Please note: the volume of one cubic meter is 1000 Litres The Northern Pulp proposed average daily waste water is projected to be 62,000 cubic meters per day of effluent, which is a rate of 43,056 litres per minute and is also 717 Litres per second. The volume of liquid waste from the the Northern Pulp Mill is extremely high. The upper maximum waste effluent suggested by Northern Pulp Nova Scotia is a volume of 82,500 cubic meters of effluent, this is 954.8 Litres per second to enter the environment. The current effluent temperature from Mill production to the Boat Harbour Effluent Treatment Facility is at 40- 42 degrees Celsius. There is no known heat loss for the current pipeline although it is likely more than a kilometre in length. However, the flow rate and the polyethylene piping may prevent heat loss while the Mill is in steady state operations/production. A 1,000,000 L one million litre storage tank may have the capacity to store Northern Pulp liquid waste effluent for 17.4 minutes +/- 1 minute when production generates 57,300 L/minute effluent per day. At 40,000 L/minute of NP liquid waste effluent, fills a 1,000,000 L storage tank within 25 minutes +/- 1minute, assuming it was empty at before hand. An 11.4 km pipeline which is 36 inches inside diameter will contain 7,479 cubic meters of waste effluent, or approximately 7.5 million litres of effluent should a catastrophic pipe failure occur. This environmental risk is significant, given the communities have no experience with large effluent pipeline failure. The 7.5 million litres of effluent does not include headwater effluents that would continue to be pumped or gravity fed from the mill should the transmission pipeline fail. The proposed 12 million litre clarifiers have a maximum four hour capacity to treat the effluent. The current Boat Harbour Effluent System has approximately seven to ten days by comparison. The open clarifiers will pose a very significant occupational health risk to Northern Pulp Mill workers/employees. The daily exposure limit to hydrogen sulphide H<sub>2</sub>S is less than 1 part per million ppm. The three clarifiers will off-gas hydrogen sulphide from 5 to 50 ppm depending upon winds. Hydrogen sulphide toxicity is not well addressed given labour regulations. This one gas can be potentially deadly as 100 ppm H<sub>2</sub>S with be fatal within 30 seconds to adult humans. Clarifiers The primary stage clarifier may remove 2.3 grams of suspended solids per litre of waste water with an on-going rate of only 0.3 grams per litre clarification as stated. Turbulent flows by the 700 to 950 Litres/second inbound waste waters into the clarifiers will negatively impact settling, raking or screening actions of the on-going success in the clarifier systems. Clarifiers work best with a calm steady state fluid, where there is little turbulence and there are days for solids to fall from mechanical suspensions or have time to settle gradually due to differences in specific gravity. Little discussion is made of wood fibres and the inorganic composition of the effluent water waters. The process chemicals in a Kraft pulp digestion process are mainly and potentially all water soluble. Settling in the clarifier is difficult, to say the least. The waste wood fibres lost in the waste waters will float due to their specific gravity. The first stage clarifier does not describe any wood fibre retention or extraction, nor the capture of water soluble chemicals. The proposed clarifier is designed to capture only dense total solids which may or may not settle out in the very turbulent clarifier environment. Waste matter from the clarifiers will be diverted to a sludge tank and ultimately to the Power Boiler para 5.2.2.8. The

text as presented is misleading. It suggests: Pressed sludge/solids containing water will be combusted in the power boiler to produce heat. The text should state any water component of the waste sludge is totally released to the atmosphere along with the soluble contaminants. While the power boiler, produces steam and electricity, any moisture in the combustion chamber can only exit via the chimney and into the atmosphere of Pictou County. Should this same moisture contain soluble sulphites, sulphides and related process chemicals, these will all be made airborne by the combustion process. Please also note: The combustion/power boiler is the least equipped for pollution abatement. Marine Pollution at Caribou Harbour The Caribou Harbour opening suggested for the effluent diffuser is adjacent to Northumberland Ferry vessel route. This means the visitors to Nova Scotia or leaving the Province via the ferry service will be subjected to high concentrations of sulfur dioxide gases and related sulfur oxides arising from the effluent diffuser. The effluent water exiting the proposed diffuser apparatus will be toxic to marine life. With respect to ferry users, the effluent is fresh water, hot and very gasified. This will result in the effluent rising to the surface of the Northumberland Strait water immediately. The notion that these waters will mix uniformly by natural blending is misleading. The differences in temperature and specific gravity will cause the effluent to create a continuous rift pattern which will prevent wishful mixing/blending as suggested by Northern Pulp. The analogy is higher industrial chimneys from factories were thought to better diffuse airborne pollution. Scientists and engineers now know this does not occur in fact. The proposed position of the effluent diffuser is immediately upstream of the Caribou Provincial Park, the Pictou Lodge and across the harbour from the Pictou Landing First Nations lands. As the Northumberland Strait tides fall twice daily the Northern Pulp effluent will be mixing and flowing toward these locations. The smell of oxides of sulphur, sulphur dioxide, hydrogen sulphide and related kraft pulp wastes will greatly impact beaches, the nasty odour of the sulphur complexes will cause undue respiratory stress for humans and other mammals on, in or adjacent to the Northumberland Strait. Marine Habitat 717-949 litres of Northern Pulp's liquid effluent will enter the Northumberland Strait per second. The Biological Oxygen Demand BOD, the pH and maybe physical attributes, will have been pretested by routine daily compliance measures. The BOD usually laboratory test requires at least an hour of lab time to perform the testing. Stopping production because of a failure of BOD testing will not happen due to the safety to the workers and the plant processes this plant must slowly be shut down which would fail the three hour available for the decision. Compliance issues will be next to impossible to evaluate as the waste water will be entering a saltwater environment, well below the surface waters. 717-949 litres of very hot water per second will be entering the Northumberland Strait. The huge temperature variation compared with receiving waters by some 25 to 35 degrees Celsius will be lethal to marine life. Northern Pulp Management suggest they expect this lethal impact to be spread over an area of 100 meters/any direction from each diffuser. However tidal action, thermal rifts and the specific gravity differences will cause the warmer waste waters to rise immediately, having a larger impact on fish and marine mammals. The inorganic waste chemicals from the NP Mill's operations, will impact benthic shellfish life. The nasty odours and the chemical/physical pollution will negatively impact tourism, recreational land use and the fisheries. Little work has been done to accurately quantify waste metals from the Mill's current operation. The quantities of iron, nickel, chromium, molybdenum and other ingredients within stainless steel and chromium plated steel roller surfaces have left an impact in Boat Harbour. Having sampled the embankment soils and having had a third party test laboratory analyze the soil samples, there was a noticeable trend within Boat Harbour. Inorganic heavy metals have occurred and entered into Boat Harbour since the Mill was built in 1967. These metal contaminants are likely from eroded stainless steel, worn pipes, worn roller surfaces, etc.. that 50 years of operations has lead to chronic heavy metal waste/pollution. Should Northern Pulp



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 26, 2019 11:18:55 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Shut down the Mill #NOPIPE 300 jobs at the mill compared to thousands of jobs by the fishermen/fisherwomen and the sport fishing industry. What will come out at the end of the pipe will be terrible and should never be allowed. Northern Pulp had enough time to fix issues and they never did. Boat Harbour will happen again if they allow the pipe! For those who want the pipe-Go check out Boat Harbour and Please Drink the water from there and report back if you can!!! Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 54 y: 27



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 27, 2019 10:21:38 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Replacing an old treatment system with one state of the art is a no brainer. Keeping jobs and wealth in the province. Not doing it is like walking away from your home or city because you will not take responsible protective action on the environment. Any subsidy the province commits always comes back in new dollars to the economy. Lets do it!! Name: Email:

@hotmail.com Address:

Privacy-Statement:

agree x: 77 y: 38

**From:** live.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 27, 2019 11:20:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As residents of Pictou County we'd like to address the serious issue affecting the local area and the broader province of NS in regards to the proposed Effluent Treatment Facility project put forth by Northern Pulp. We feel confident that NP has carefully prepared, planned, studied in depth material for the proposal and the tests that they've been undergoing the past five years to meet environmental regulations, requirements, and scrutiny set forth by the province of NS to move forward with construction. Today we all are concerned about the various effects on our environment and have become skeptical of false truths passed on throughout the years that has made us very guarded. We strongly believe with all the studies, tests, preparations that this company has done, and millions of dollars spent since purchasing the mill that their seriousness, commitment to the project, and willingness to continually improve on this mill since becoming owners shows their dedication in making the future of this mill and its effluent outfall one of present day's highest in technology. A five year deadline was set forth by government for the closure of Boat Harbour and timeline for NP to complete everything necessary to pass an environmental assessment, in essence this may have seemed ample time to achieve all crossed T's and dotted I's but with all considered the company was met with challenges from government with continued added criteria and challenges of interference when trying to fulfil the necessary studies to gather that information. There are many who are not in favour of an extension to Boat Harbour, and we all agree that a clean-up is necessary, effluent has been treated this way for fifty years and facts tell us that some of the best catches for fishers over the years have not been affected, an extension may be necessary for NP to complete scientific crucial detail for the effluent project they propose for continued operation of NP, and I hope government, local groups, and community give consideration into a short term extension if needed. Very concerning is the fact that there are individuals and groups locally non-local on a crusade to shut down NP permanently regardless of the outcome of scientific tests results. It's ironic to hear comments coming from the government of PEI regarding our effluent when facts tell us that over 90% of nitrates in our strait comes from that province and as well the outfall from other industry waste water from towns travel through our rivers including Pictou's to the Northumberland Strait. Our communities, neighbours, families, etc. have become divided in conflict due to lack of leadership within our boundaries of Pic.Co. N.S., political parties blaming each other, or anyone, when it was they all political parties who voted for a deadline, instead of the blame game they should be coming together for viable solutions resolution. There is a real concern for the many jobs in PC, rural NS, the entire province, and the more than 500 retirees of the pulp mill whose benefits and pensions may be impacted and disheartening to think about the many young families presently employed by NP and forestry who would undoubtedly have to leave our county and province in search of employment elsewhere to support their families and further jeopardize an already declining population and decreasing property value of land and homes in our county as well as the negative effect on business locally and provincially. Respectfully sincerely,

Name: \_\_\_\_\_ Email: \_\_\_\_\_ @live.ca Address \_\_\_\_\_

Privacy-Statement: agree x: 62 y: 17

**From:**  
**To:** [Environment Assessment Web Account](#); [Friends of the Northumberland Strait](#)  
**Subject:** Northern Pulp's EA of New ETF and Pipe  
**Date:** February 27, 2019 12:30:44 PM  
**Attachments:** ["s letter.docx"](#)

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24 Feb 19

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.

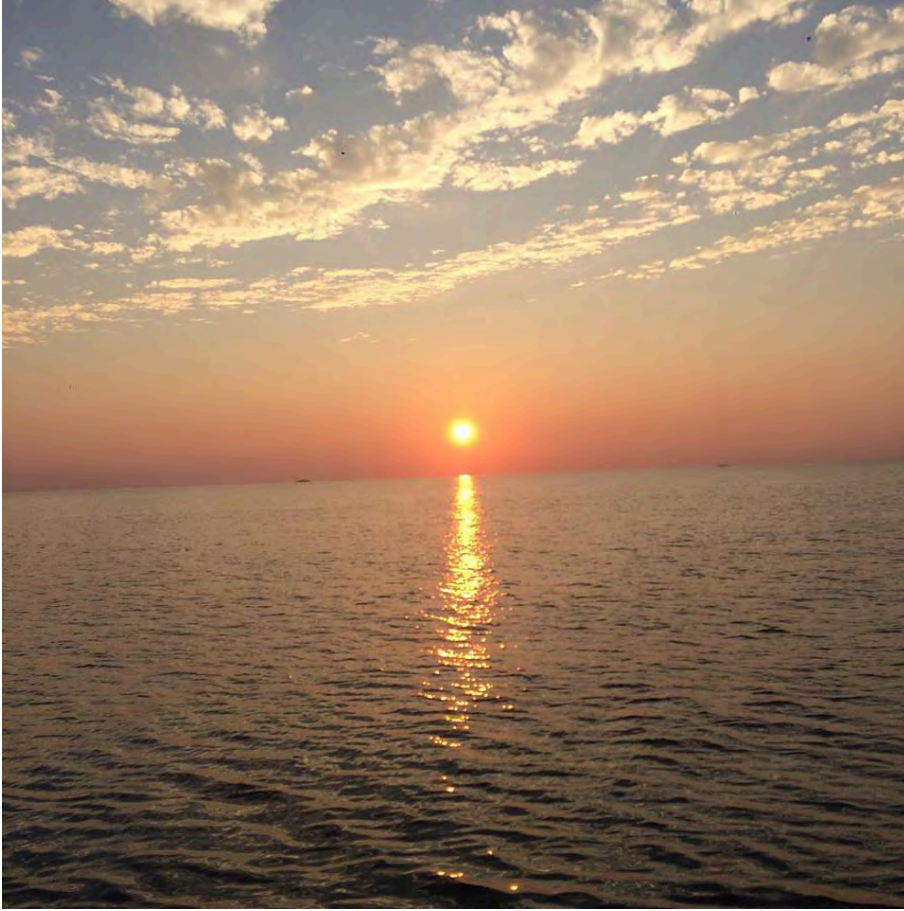
In school we talk about not littering, reduce, reuse and recycle. We learn about pollution and what we can do to help the Earth, but we are not allowed to talk about Northern Pulp even though some days when the wind is blowing the smog toward our school we have to play inside because the air hurts to 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

Don't let this:



Become this:



**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 27, 2019 3:26:01 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I believe that the installation of the effluent pipe will not be detrimental to the fishing industry. This system has been proven to work in other parts of the world with great success! I support this projec!

Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 81 y: 10

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 28, 2019 3:51:15 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I was born in Pictou and left in 1994, but still visit several times every year. I have spent many summers growing up on our Northumberland Strait beaches and lots of time onboard a fishing boat hauling in our lucrative lobster, scallop and herring catches as well as snow crab and tuna further down the shores. It is bad enough with the air pollution this pulp mill emits, with its faulty and outdated equipment, but now they want to continue to pollute our waters, so my focus will be on this aspect. There is a certain beauty out on the open water of our Northumberland Strait, which cannot be underestimated as to how long that could quickly disappear with such a waste proposal put forth by Northern Pulp. I am well informed on Northern Pulp and its predecessors' operations at Abercrombie Point, but more importantly Boat Harbor. The deceit which has taken place for over 50 years by our own government and the many pulp mill owners including NP, needs to come to a halt in January 2020. The Pictou and surrounding communities, especially Pictou Landing First Nation, need time to heal and recover from this worst case of environmental racism in Canadian history. To even consider putting a fresh water toxic effluent pipe from an outdated, broken down pulp mill, at the mouth of Caribou Harbor, which would run over water-sheds for drinking water to get there, and then into salt-water fishing / spawning grounds makes no sense at all in this day and age. I will not forget to mention this area is adjacent to Caribou - Munroe's Island Provincial Beach Park, which locals and tourists visit on a regular basis, our very own historic Pictou Lodge and Waterside Beach. Also add our beautiful Pictou waterfront in the mix, and I just do not see any logic with wanting to jeopardize parts of Canada's Ocean Playground in favor of a foreign entity who has no real interest in long-term investment for our Province. If they did, there would have been other options available over the years to either change their pulp process or close the effluent loop, which we all know they can! It will be costly, but is there really a price on people's health and lives with the way this pulp mill is running now? To not do it, or provide a more environmentally friendly option, shows their level of commitment because from my understanding the only reason seems to be the almighty dollar! And that is their profit loss! Who needs bleached toilet paper and kleenex tissues nowadays when we know what is coming from this type of pulp-mill effluent process and into our air / waters? The further concerns I have are that Northern Pulp cannot even say what this discharge of so-called treated effluent will contain. What is the chemical composition and how much solids go with this daily discharge? How can they not be 100 certain on this now but expect us to approve of their weak proposal to discharge it? Are we seriously thinking pumping up to 60-90 million liters of heated fresh water into a salt-water environment will not do irreparable harm to our fisheries and aquatic lifestyle? Where is the 1 ton of expected solids going to go, let alone the plume of effluent in our waterway? Dilution is simply not the solution to pollution nowadays. It is a known fact already that our oceans and waters are warming up at an alarming rate, and it is affecting marine life, so why does our Province want to contribute to what will be an ongoing daily activity? Also, this is not new state of the art technology, regardless of what Northern Pulp wants to say. How this proposal went for Federal reviews already, but not this time around, further baffles me. What has changed from the last time this proposal was rejected due to suspected harm to our very important fishing industry, as well the environmental damage to our waters and coastline we have already witnessed and need to clean up now at the taxpayers expense? Furthermore, and it also came from your own dept, and regardless of what NP says again, this toxic effluent has NOT been pumped into the

Northumberland Strait for over 50 years! It is not heated fresh water, with solids going directly into OUR Strait. It has time to settle and cool in the Boat Harbour lagoons, before being released into the Strait. There is a dead zone around this discharge pipe as well, where the receiving waters look like Root Beer. So maybe we want to visit Boat Harbor once more in order to see what our tourists travelling on the Northumberland Ferries just might end up seeing. Surely they will want to get right off the ferry and go down and buy some lobsters off our local fishing boats, which I have seen so many do, and then continue their journey to Caribou Beach or Pictou Lodge and jump in the water! Sorry for the sarcasm but it is a very realistic possibility our Strait will look like Boat Harbor and I would hate to see the outcome once it does. In closing, Boat Harbor needs to shut down in January 2020, and if still required this effluent proposal should go to go to a Federal Assessment, where our own Fisheries Dept. and scientists etc. can assess it instead of NP's paid scientists. Thanks for your time in this very important matter to our communities, but more importantly our environment and the future of our children / grandchildren. Name: Email:

@hotmail.com Address:

Postal-Code: NS Phone:

Privacy-

Statement: agree x: 67 y: 27



**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Response comments to Northern Pulp EA Registration document  
**Date:** February 28, 2019 1:11:31 PM  
**Attachments:** [Northern Pulp response comments.pdf](#)

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Hello,

Attached please find my letter containing thoughts and comments to this recent application for assessment approval by Northern Pulp Nova Scotia Corporation.

I believe in the interest of saving and conserving on paper product use, e-mailing the document would be a preferred method of communication.

Thank you very much for your favourable consideration in this regard,

February 28, 2019

Dear esteemed protectors of Nova Scotia,

This Northern Pulp Nova Scotia (NPNS) Environmental Assessment Registration Document totals 1698 pages, including those in the 14 Appendices. The public has a minimal 30 day window of opportunity to read, research and respond to this overwhelmingly-lengthy report. To recognize that the provincial taxes I trustingly pay are used to grant Northern Pulp funds, from the sweat of my labour, to use and abuse in this manner, is extremely disheartening. **Please invest my money in providing exemplary health care services for all Nova Scotia residents instead.**

NPNS's prepared EA report is guilty of using repetitive jargon as a red herring to cover up hypocrisy throughout. That is interpreted to be an intentionally intimidating waste of time - mine and yours! Pertinent information stated well the first time would be adequately convincing. What is not being said, deceitfully hidden within this vast maze of hedged wording, is factually the most relevant and potentially frightening.

When that many words are deemed necessary to describe a project, common sense would dictate it is nothing more than an elaborate fast talking scheme to sell an idea they also know is terrible. If this project had actual feasibility and merit, these words would not have to work so hard to sell it.

What experience credentials does this company actually have for a project construction of this magnitude? This mill's parent company usually takes over existing mills already in operation do they not? What they are proposing will waste a colossal amount of money if attempts fail. It will take at least 3 to 4 years, if not 5 or 6 years (given their procrastination tendencies) to complete during the weather-dependant working months offered by our Maritime climate.

Have they addressed the risk for project interference with the Bell Aliant fibre optic telecommunications submarine cable running from Caribou to Wood Islands, PEI? Telecommunications is a lucrative industry for Nova Scotia.

Northumberland Strait waters are relatively shallow depths. Is there adequate volume to use this disposal at sea method? Disposal at sea is prohibited without a permit issued by the Environment and Climate Change Canada (ECCC) Disposal at Sea Program under the Canadian Environmental Protection Act, 1999 (CEPA). Pulp and paper effluent wastewater is not listed in the applicable substances list on Schedule 5 of CEPA for eligible consideration. Without appropriate depth, would effluent waste debris of significant proportions continually rise to the water surface, washing inland with each rising tide and winter ice?

- Nova Scotia, Canada's Ocean Playground, is surrounded by more than 7,500 kms of ocean coastline. Anywhere in the province you are never more than 56 kms or an hour's drive from ocean access.

- Promoting environmental protection from pollution for these coastal water resources is crucial as sea levels steadily rise each year.
- Compromising the vulnerable integrity of Northumberland Strait waters and coastline with pulp and paper mill effluent wastewater containing unspecified chemicals of potential concern (COPCs) would prove to be fateful.

I've selected a couple of section details to comment on. I hope these will serve to convey my grave concerns about this entire matter. Also included is an article researched from the Pulp and Paper Canada Newsletter website:

**Table 1.1-1: List of PIDs Involved in the Proposed Project**

- Federal agency approval will be necessary for use of the four outlined properties belonging to Her Majesty the Queen (Canada).
- Risk of jeopardizing an entire marine environment in the Northumberland Strait will warrant conscientious federal consideration under the CEPA.
- Basin Head on the eastern end of PEI is a federal Marine Protected Area (MPA). It is highly plausible to expect large volumes of industrial contaminants, with COPC characteristics, released daily from adjacent NS shorelines will affect the unique ecosystem of that MPA.

**Section 9.0 Human Health Evaluation**

**Preface**

**[paragraph 2]...Health Canada clearly communicated their position that a human health risk assessment (HHRA) of the project would need to be considered**

NPNS states an HHRA is not needed unless specified as a condition once approval has been signed. Statistics are quoted from an HHRA prepared for a pulp mill proposal located in Tasmania on the other side of the equator? It bears noting, that mill never received approval to operate due to environmental concerns. There are bound to be significant differences between health challenges faced in that Eastern Hemisphere country than we experience here in the Northern Hemisphere. For instance, Tasmania claims to have the cleanest air in the world. Not exactly something Pictou and surrounding counties can boast with ongoing problematic putrid emissions from this aged pulp mill.

I believe NPNS shows serious contempt for all public health and well-being, not only of local, provincial or even federal consumers but that of every international seafood consumer as well. Potential for industrial activities to also impact global health warrants mandatory federal health agency involvement. Popular Nova Scotia seafood is a multi-billion dollar commercial export industry. But do you recall how one mad cow incident in Western Canada shut down all international borders for Canadian beef exports? One contaminated lobster from Nova Scotia could very well cause an international crash for all Nova Scotia provincial seafood markets - not just those located in Pictou County.

## **9.1 Introduction and Background**

[paragraph 3] *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.***

### **9.1.1 Canada Health Consultation**

[paragraph 1; bullet ix] *Including a reasonably well defined characterization of likely effluent chemistry that represents a conservative prediction of the chemicals that may be present in effluent discharge.*

[paragraph 3] *With respect to item ix above, there remains uncertainty at this time regarding the specific chemical parameters that will be present in the project's treated effluent (and their concentrations).*

#### **9.2.4.2 Identification of Candidate COPCs in Treated Mill Effluent**

[paragraph 3] *Due to uncertainty regarding effluent composition and approximate concentrations of substances present in the future treated effluent (which will not be verified **until the project is operational**)*

Evident throughout this entire document, the repetitive phrase, "**until the project is operational**" reads similar to a blackmail extortion attempt.....NPNS is essentially saying, "sign over approval for us to operate before we will release the identity of the chemicals that will be present." They are literally holding human health hostage!

It is disappointing not to see compiled data of accurate chemical identification from Northern Pulp scientists and chemists that presumably would be employed on site and responsible for daily monitoring of this effluent treatment system. Working with toxic substances used in this pulping process, they should be able to knowledgeably provide the characteristics for these COPCs. Why outsource that necessary information from other mills and outside agencies? How can they claim uncertainty about something they've certainly been creating and using for years?

## **Section 14.0 Assessment Summary and Conclusion**

[paragraph 2] *The continued operation of the NPNS mill is essential to meet global market demands.....*

A quick Google search of pulp and paper mills, just in Canada alone, indicates a total of at least 30 mills. Social sourcing for renewable sustainable products is trending for conscientious consumers concerned about the devastating environmental impacts these mills create. There will be better, more earth-friendly products sourced, produced and manufactured in the very near future. A smart investor would be encouraged to give serious consideration to those long-range plans rather than continuing to provide huge financial crutches for this aged mill to keep limping along on.

If the global market has the high demand they claim, why is NP not able to generate enough revenue to support their own projects? Perhaps there is already too much competition within this sector of the business market?

<https://www.pulpandpapercanada.com/news/feds-provide-update-on-forthcoming-pulp-and-paper-effluent-regulations-1100001557> **{Pulp and Paper Canada, February 4, 2019}** The federal government has delivered an update on the new pollution regulations it is developing for pulp and paper mills.

The new regulations would set more stringent standards on the level of contaminants allowed in pulp mill wastewater. The effluent makeup has changed with the introduction of new technologies, officials say.

The Northern Pulp mill would be subject to these new regulations if it is to meet the Nova Scotia government's January 2020 deadline to move its effluent drainage pipeline off the Pictou Landing First Nations reserve.

The second round of consultations for the new pulp and paper mill regulations will not occur until early 2020. **{by PPC staff}**

**Questions arising from the afore-mentioned EA sections and the Pulp and Paper Canada article:**

- Does NPNS have ulterior motive for attempting to fast track this project in advance of new Canadian pollution regulations coming into effect?
- Is it possible NPNS will qualify to claim exemption from these new regulations if the construction process receives conditional approval and begins prior to these regulations coming into effect?
- Is your Department confident any effluent treatment system financially invested in now will have the capabilities to handle these future stringent federal standards?
- Or will N.S. taxpayer funds be drained yet again for costly future upgrades to technology installed now that does not meet those revised standards?
- Do these new technologies referred to actually require more caustic chemical compounds which affect the effluent makeup?
- In this EA, consultants frequently weave the phrase “uncertainty regarding effluent chemistry characteristics” throughout the daunting web of word entanglements. Would that expressed lack of conclusive information by a company who has been in this industry for so long be cause for questionable concern within your department?
- Is it deemed professionally acceptable in the pulp and paper industry to withhold revealing accurate effluent chemistry characteristics to environment government officials? Would that be deemed acceptable practice by N.S. environmental laws and regulations?
- Is it conceivable that NPNS is deliberately stalling or withholding facts on correctly identifying these effluent chemical characteristics in order to be able to claim compliance - only after they know what the new acceptable Canadian standards are going to be? Deemed a highly suspicious and contentious practice.
- Would common sense and logic dictate that astute financial investors, like the Nova Scotia government, adopt a practical approach of first determining what the pollution limitation guidelines are going to be before sinking further taxpayer monies into an environmentally sensitive project of this magnitude?

- How long must we, the taxpayers, be expected to keep throwing good money after bad into this aged pulp and paper mill that long ago ceased to be an environmentally-conscious asset by Canadian federal standards? **Again, I ask that my taxes be used to provide exemplary health care services for all Nova Scotia residents instead.** The pulp and paper industry is a highly competitive market - human health care should not be!
- How many mill jobs will actually be phased out and eliminated after being replaced by upgraded modern technology?

At the expense of many, I believe, NPNS is seeking permission to wash away any and all industrial waste woes to sea solely for their own corporate economic convenience and advancement.

I fear this metaphorical Pandora's Box pipeline carrying effluent wastewater will unleash residual effects into the Northumberland Strait that can never be reined back in. Irreparable and irreversible damage will wreak havoc in Canadian waters. Hope was the only remaining symbolism left in Pandora's box before it closed. Thus, it is my fervent hope lessons learned from using Boat Harbour for effluent treatment and the subsequent catastrophic effects will not be in vain when that facility is shut down on January 31, 2020.

In closing, I offer this trademark quote printed in each issue of SALTSCAPES magazine:  
***"Some would make us just names on a list. But we are people in a place - and resist."***

*Respectfully submitted,*

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** February 28, 2019 9:34:38 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We as residents of Pictou County, living in New Glasgow and owning property along the Northumberland Strait, have the following concerns re the proposed Northern Pulp waste solution for its effluent that currently goes into Boat Harbour. Pumping the effluent into the Northumberland Strait is an environmental time bomb with no possible method of containment or cleanup. We need to have buy in from N.S. , PEI, N.B. and Quebec, as the waters of the Northumberland Strait and the Gulf of Saint Lawrence affect us all. The fishermen of all of these provinces will be affected if there is a consumer backlash against fish being marketed from polluted waters. This industry is worth millions of dollars and is a federal responsibility. The fact that our Native nations are affected, as well as the fisheries and many provinces, should make the case that this situation calls for a full federal government environmental assessment. Tourism will be further affected as we already have seen the impact on the town of Pictou with the existing smell from the Northern Pulp plant with the impact of the discharge location near the Caribou Ferry Terminal connecting us with Prince Edward Island. This terminal is a major tourism entry point into our county of Pictou. Who will be excited to go into the waters to swim, kayak, etc around this area when they know that possibly there could be pollution from a pulp mill in the water? This proposal will affect tourism. The visibility of such a pipe along the Pictou causeway or anywhere along the Trans Canada Highway connector to the Caribou Ferry Terminal will be a clear negative to our tourism image. Our tourism industry is worth millions of dollars. There is no guarantee that a waste pipe going alongside the Pictou Causeway will not be punctured at some point due to a car or transport truck leaving the road. If punctured, Pictou Harbour will be affected and there is no containment possibility. Other points that are of concern to us from the Northern Pulp proposal are as follows: The waste proposal poses major risk to harming marine life , marine habitat, species at risk/endangered/threatened that include migratory and marine birds, fish, vegetation, reptiles etc. The proposal goes through the Pictou town and Caribou water supply. A provincial park and a nature preserve are within the effluent pipe footprint Meeting Pulp and Paper Effluent Regulations PPER doesn't prevent harm to marine life or marine habitat per Environment Canada. The chemical characteristics of the proposed effluent is unknown to Northern Pulp. The proposal shows the plan to burn the toxic sludge in the power boiler. Air emissions are an issue today and health issues are already known to be above provincial averages today in Pictou County. The proposed spill basin on the plant site is planned to only hold 35 million litres of untreated effluent which is only 10-12 hrs of plant operation before it goes into the downstream system. If a malfunction happens where does the excess go? The proposal also lists temporary and permanent closures for fishermen around the outflow area and to create a no anchor zone. The proposed O2 delignification system is not laid out regarding how or when it will be constructed or maintained. It is listed in the appendix of the proposal as a future upgrade . This should have to be defined now and not in the future. The Waste proposal will be pumping effluent into the ocean after only processing it for 8 hours as opposed to the current waste system that takes about 30 days to process and reach the Strait. The Nova Scotia provincial government has many conflicts of interest going back decades between itself and the mill and should not be involved in the environmental assessment and the approval/rejection of a Boat Harbour Effluent Treatment Replacement Solution. We would like all of these points to be considered and strongly suggest that a Federal Environmental Assessment is necessary. Name: Email:

@hotmail.com Address:

Privacy-

Statement: agree x: 39 y: 21

Dear Minister of Environment

I am writing this letter concerning the Northern Pulp Environmental Assessment on replacing the effluent pipe . My name is \_\_\_\_\_, I'm a fourth generation commercial fishermen and have owned my own fishing enterprise since 10 years .I strongly object to this project , the release of up to 90 million liters of effluent into any body of water is un-acceptable! The chemicals and the freshwater being released into salt water will cause adverse effects on the marine environment an on all fish stocks in the area that can Not be mitigated

In closing I urge you to REJECT this project !!!





**From:** @ledwidelumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 10:01:36 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support this project as I feel the quantity and quality of studies done proves the validity of the science that this project is environmentally sound. There is no valid scientific reason it should not be approved. Name:

Email: @ledwidelumber.com Address:

:

Privacy-Statement: agree x: 55 y: 18

**From:** @ledwidelumber.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 10:59:35 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support the Northern  
Pulp project and believe the science proves the validity of it. Name: Email:  
@ledwidelumber.com Address:

: Privacy-Statement: agree

x: 39 y: 25

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 11:08:15 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support this project  
proposed by Northern Pulp. Name: Email: Address:

Privacy-Statement: agree x: 52 y: 31

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 11:32:51 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I support this project as proposed by Northern Pulp Name: Email: @hotmail.com Address: Municipality:

Privacy-Statement: agree x: 68 y: 17



@ns.sympatico.ca  
February 23<sup>rd</sup>, 2019

Environmental Assessment Branch  
Nova Scotia Environment  
P.O.Box 442  
Halifax, N.S.  
B3J 2P8

Dear Sirs;

**Re: Northern Pulp Replacement Effluent Treatment Facility Project**

I have read through the project documents and have the following concerns:

In section 8 I have concerns about floatation of the underwater pipe if the slope is not uniform. I do raise serious concerns about how to detect leakage on the underwater portion of the pipe. Once the pipe is in service, nothing short of plugging the diffusers would allow any testing for leaks from the underwater based part. There is also no real ability to sample at the diffusers to get a real effluent test. Sampling in the Northumberland Strait would leave all kinds of room for argument about the effluent albeit from the plant. One item on the land based part of the pipe that really disturbs me is air release valves on the high points. These would be likely something like 4 inch openings and such valves do stick open occasionally. When that happens, then the drain point often goes unnoticed in a ditch or field for some time. If such a drain happens to be in the Pictou Water Supply area, then the situation could be serious.

In section 10.0 there is a statement that HDPE is not susceptible to thermal expansion like steel pipe. THAT IS FALSE. For example, on a 10 degree Fahrenheit temperature change, the 4.1 km section underwater would change 11 feet in length. The seasonal seawater change is more than that. Therefore, expansion does need attention. Repairing a leak in a 3 foot diameter pipe on land is a significant exercise. Repairing a leak underwater, after a difficult job of finding the leak, is even more significant.

Section 12.3.9.3 says that the plume from the diffuser will reach the surface but will not be visible. That statement is questionable.

Appendix J1 Part 2 on testing for urchins in Boat Harbour makes me wonder. Boat Harbour is presently fresh water or effluent but not salt water. How can it be salt water at this time?

The documents seem to tell me that the intention is to keep the Mill operating as a bleached kraft pulp mill. This is my greatest concern. The appetite for wood has resulted in the depletion of

supply within a 200 km radius. The process itself requires about 2 cords of wood to make a ton of pulp. Having been around when the Scott mill was built and seen the forests of the day, I am appalled with what has grown since the first clear cuts were made for supply. Too much fir has come back and it is now reaching the end of its life cycle without becoming really useful because it has never been thinned to allow it to grow. Dead fir does not make good pulp. Maybe right now with the dollar at a 25% premium for sales trucking long distances makes sense but if the dollar is par, things will be different even with lumber that is cut in trying to get chips from the slabs. Maybe if the pulp were made into paper on site, then the added value would justify the new treatment but the present system is doubtful.

Before Northern Pulp or the people of Nova Scotia spend as much or more on a treatment plant as Northern paid for the mill in the first place, we should all consider whether or not to continue or to abandon. Just the power required for treatment, whether in Boat Harbour or in the new treatment system would pay the wages of quite a number of people. Considering the fact that we have to pay for the Boat Harbour cleanup anyway and considering that we share in expenses and not profits from the mill, it is time to cut our losses. Too many vibrant communities have been ruined already. I will name Parrsboro, Advocate, Mooseland, and White Rock just to name a few.

Further to this, the reports submitted do not include a good cost accounting of the operation. Too much of the input is for transportation of raw material and a lot is for transportation of the finished material. Not enough is spent on restoration of the lands, company owned, crown land and private land that have been harvested. There are too many costs unknown to us all, kept secret by both company and government. On that basis alone, it is good time to quit. Give our young people a clear slate to figure out. And hopefully one where they can share the profits.

I would strongly recommend that the mill itself cease to operate, at least as a kraft mill.

Thank you

Honorable Margaret Miller  
Minister of Environment,  
Government of Nova Scotia



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

February 25, 2019

Re: Replacement Effluent Treatment Facility Project-Northern Pulp, NS Corp.

Madam,

We are writing as present Pictou residents and former home owners in the Carbou Island area of Nova Scotia, very near the site of Northern Pulp's proposed discharge of its effluent material. We are active residents who enjoy fully the environmental life of this part of Northern Nova Scotia from the recreational pursuits of walking, biking, swimming, sailing and kayaking on and around Pictou Harbour and the Caribou Harbour areas, to the pride we have in the area as a viable environment in which we can continue to thrive and in which other generations will buy and build homes, settle and raise children and continue to enjoy the wonderful and close communiity that has been built here over the years. We feel strongly as members of this great county that the proposal put forward by Northern Pulp is flawed in a number of ways and should not be considered as a way forward for this mill. This pipe proposal should be denied as it has the potential to "...damage or change the environment in a manner that negatively affects aspects of human (and marine) health".

We have long lived with the air pollution caused by the mill over ~~that~~ past 50 plus years and felt this was a very high cost for the economic life of the community, as said air quality has been thought by some studies to cause many of the lung, heart and other health issues of those in this county. In recent years we have looked with horror at the conditions at Boat Harbour, its affect on wildlife and on the indigenous peoples of Pictou Landing First Nation. We have been very gratified to learn that there will be restoration there for the land and waterways with the clean-up porposed to begin next January. The air pollution continues....

In the Executive Summary of the proposal, Northern Pulp suggests that there will be "no significant" affects of the effluent from the pipe on Fish, Fish Habitat, Flora, Sediment Quality or on the Social and Economic Environment in and around Caribou Harbour and

the Northumberland Strait. It is hard to believe that they could propose this without any understanding of how much of the solids, how much silt, what smell, what measure of 'plume' or what temperature of water will be issued from the end of the pipe on any given day and what effects each will have. Water temperature and effluent will affect the fish/lobster/oyster/ life of the immediate water area and the fishing industry as a whole, including licences for shell fish just off shore. The changes in water color, and the sight and smell of waste will affect land and property values, even passenger service on the Northumberland Ferry during the summer months has the potential to be affected. The water pollution affecting fish and wildlife habitat, especially migrating birds such as heron and small shore birds and the seal population living close to Caribou Island and Pictou Island a good deal of the year is vast. The human recreational and tourism costs of loss of swimming, boating and recreation in the area including many parks and public beaches could reach millions of dollars of revenue to the community just by the fact that tourists would know that the effluent is being released into the area. With solid and or silt effluent the very currents may be changed by this accumulating effluent on the Harbour bottom.

Tens of thousands of litres of effluent will be flushed into Caribou Harbour and the Northumberland Strait daily without an effective monitoring system applicable to either land or water useage. This company has yet to develop any monitoring system that speaks to long term assessment and when Northern Pulp says that it will have a system in place to "adapt long term to changing conditions" we are skeptical, as we have seen what the mill has done over the years in Boat Harbour. We are concerned as well about the life of the pipe itself overland or in some places a few feet underground as it follows the #106 to the sea and how this may affect our land masses, transportation and most importantly our Pictou Watershed.

The proposal of a "new" program on the mill site for dealing with solids does not sit well with us as we wonder how they will be handled in the short and long term. Will burning some of the remaining solids add to the air pollution we are now exposed to daily? Will they end up in the effluent as sludge and further pollute the waterways in Caribou Harbour? Will they be buried and how will that affect the health of individuals who live in the area and work on site? The trust is thin on this issue as you can imagine.

Therefore, for these reasons we oppose the Pipeline Proposal and suggest a more extensive study to ameliorate the concerns we and many others in the area have about this proposal. We believe strongly that a Full Environmental Assessment is necessary for the continued health and safety of the environment in Pictou County.



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We thank you for your time and attention to our concerns as citizens of Nova Scotia.

We would appreciate an acknowledgement of this letter,

Most sincerely,

Pictou, Nova Scotia

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulps EA for the treatment facility  
**Date:** March 1, 2019 4:37:04 PM

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I would like to see this project move ahead as quickly as possible.

Sent from my iPad

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 5:00:03 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: As a resident of Pictou County, a woodlot owner, a professional engineer, and a person familiar with the technology behind the proposed treatment facility, I would really hope that reason and sound scientific analysis prevails over emotion. The proposed facility is not a threat to the environment or to the fishery. It is time for local politicians and residents to stand together and do the right thing. Baseless emotional arguments unchallenged have the potential to devastate the Pictou County economy. Name: Email: @gmail.com Address:

Privacy-Statement: agree x: 51 y: 28

**From:** [Environment](#)  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 7:36:02 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I feel the project should go forward if the science says there will be no adverse effects of the discharge line. There should be an extension given for the use of Boat Harbour. The way I look at it is why shut the forestry sector down when the present owners of Northern Pulp are committed to the project. If the effluent line cannot go where the assessment wants it to go there should be an extension granted until a discharge place is found. It would be foolish to shut down the forestry sector. This project is a massive undertaking and if the government was doing it, it would take way more than 5 years to complete. Actually Northern Pulp and the government took the first year plus just to hammer out the industrial approval that Northern Pulp could operate under. Has there been any effects elsewhere where discharge lines enter waterways. Will all Federal and Provincial Regulations be met. Why am I so concerned:1 I have and still am working in the forest industry for 30 years:2 My brother has and still is working in the forest industry for 35 years:3 My father worked and actually still does part time for 40 years:4 Many friends and other relatives work in both the forestry and fishing sectors:5 We raised and are raising our families here and dont want to leave:6 We work full time and pay taxes to support the social system. This must be based on science not Fear mongering and Here say and Northern Pulp must be given the chance to proceed with this project without any interference of any partiesfishermen Blockading this just puts projects behind. My final note is that if Northern Pulp closes the Nova Scotia economy with be devastated. Many people will move away. This isnt just the workers in the sector. This means families as well. I just hope everyone will work together for the better of Nova Scotia. Thank You. Name: Email: Address:

Privacy-Statement: agree x: 42 y: 22



**From:** @dal.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 9:24:24 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This project must be approved. This needs to happen for the sustainment of rural life in Nova Scotia. The NIMBY effect in NS is decimating rural life and eliminating resource jobs that provide quality pay and a good standard of living. The products that you use everyday are either farmed or come from the ground. Why do Canadians feel that we are so privileged that we don't require the resource industries that supply us with everyday items? That just leads to a shift in resource extraction to poorer countries with less than adequate environmental and safety standards that are truly putting people at risk. Canada has some of the highest environmental standards in the world. We should be proud of our resource industries, not trying to end it. Name:

Email: @dal.ca Address:

: Privacy-

Statement: agree x: 70 y: 27

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 1, 2019 10:02:21 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: In favour of the plant  
Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 63 y: 17

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 3, 2019 12:03:46 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: From all the information I have read on the subject and the years I have spent living in the Pictou County area.I feel that the proposed pipe would do the beautiful Northumberland Strait life long damage to marine life and the total environment.I appose this pipe. Name: Email:  
@eastlink.ca Address:

Privacy-Statement: agree x: 43 y: 16



**From:** @dal.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 3, 2019 4:21:58 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am a first year student at Dalhousie University. I have lived in Pictou, Nova Scotia my entire life. I am writing to explain why there should be an expansion for the effluent treatment plan for Northern Pulp. My dad is a dedicated employee at Northern Pulp and he has worked there for the past ten years. His job at Northern Pulp was and still is our primary income within our household. A large amount of funding for my university program and living has come from my fathers income. My first year of university costed our family over . It scares me to hear that Northern Pulp could possibly be shutting down in the following year as it would leave me without funding. I know that I am not the only student going through this possibly devastating news because there are many students within the county that are experiencing the same issue. Not only does my father work at Northern Pulp, but my uncle has worked in the forestry industry for 35 years. My grandfather has also worked in the forestry industry but for over 45 years. As a student who was planning to graduate and move back home to work, I am extremely scared of what is going to become of Nova Scotia, especially Pictou County. It is from my understanding that if Northern Pulp closes in the upcoming year, it will cause a domino effect in all other forestry jobs within Nova Scotia. Northern Pulp closing means that there will be no jobs for not only mill workers, but also little to no jobs for the truck drivers transporting wood/chips and workers initially cutting the wood in saw mills. If this large group of people is no longer having this primary income to spend, then there will be less money to spend on local businesses. I know for a fact that Northern Pulp employees spend a great chunk of their paycheck on goods in local businesses. It is very possible that some of these local businesses would close as well as a result of Northern Pulp closing. Since there are very little good paying jobs in Pictou County, this will force people to move elsewhere to find work. From what I have heard, Northern Pulp employees would like to move out west to find a good enough pay job if Northern Pulp closes. I am one of twelve students in my first year of at Dalhousie University. It is a demanding program, but I honestly love who I am becoming. It is from my understanding that are in high demand right now as there is a greater population that is aging as I write this. As I sit in the classroom, I start to wonder what my hometown will be like when I graduate. If my community becomes a ghost town, will I want to come home to work? And if I do want to come home to work, will there still be a job for me here? If people and their families are moving away to find work, that means there will be a smaller population of people for me as a health care professional to treat. Therefore, less will be hired to work. I strongly believe that the project should go forward if the science reveals that there will be no adverse effects due to the discharge line. If the effluent line cannot go where the assessment wants it to go, there should be an extension granted until a discharge place is found. The present owners of Northern Pulp are committed to the project. I just wish that everyone could work together and find a solution that is best for everyone. At this point in time, the best way for everyone to work together would be extending the deadline. In conclusion, Northern Pulp closing its doors would truly be devastating for everyone in Nova Scotia, including myself. So many families will be forced to move elsewhere in the country to find a good source of income. I honestly don't know how I will be paying my way through university next year if dad loses his job. This scares me every time I think about it. Some people may say "Oh but you did/will receive scholarships to pay your way through". The scholarships that I received at my high school graduation did not even pay for half of my cost to go to school this

year. Thank you for reading. Name:

Email:

@dal.ca Address:

Statement: agree x: 67 y: 26

Privacy-

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Effluent Treatment Proposal  
**Date:** March 3, 2019 5:58:58 PM

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Dear Honorable Minister,

I am writing to support the request from fishermen's organizations from Nova Scotia, New Brunswick, Prince Edward Island and Pictou Landing First Nations to have Northern Pulp's Effluent Treatment Project designated a project for a Federal Environmental Assessment under Section 14 of the Canadian Environment Assessment Act ( CEAA) 2012.

I have been a life long resident of Pictou County and have lived in the town of Pictou for the past 40 years. I taught school for many years and raised a family in the town of Pictou. I have been following closely the media coverage of the Northern Pulp situation.

I fully support the fishermen of Nova Scotia, New Brunswick, Prince Edward Island, and the Pictou Landing First Nations residents. I am concerned about the impact the proposed effluent pipe will have on fish and fish habitats in the Northumberland Strait. I feel a full Environmental Class 2 Assessment is needed to fully address the concerns of the fishermen, the Pictou Landing First Nations residents and the citizens of Pictou County.

My family has had close ties to the Northumberland Strait spending our summers enjoying the warm waters and beautiful beaches. What will happen if this proposed pipe ruins the waters and in doing so ruins our very lucrative fisheries and tourism industries that rely on the Northumberland Strait?

As a resident of Pictou I am concerned about the proposed pipe extending through our watershed area. I have the following questions:

What will happen when this pipe leaks?

What contingency plan will be put in place for the eventuality of a leak?

What effect will a leak have on our health?

What monitoring system will be put into place to detect a leak? Past effluent leaks from the Northern Pulp Mill to Boat Harbour have been detected by local residents. That is unacceptable.

My            lives within a kilometre of this proposed pipe and she uses a well. How will her water supply be effected when there is a leak?

I ask that you recommend a Federal Environmental Class 2 Assessment be completed regarding this proposed effluent pipe plan.

Thank you for your time and consideration of this issue.

Yours truly,



**From:** @hotmail.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 3, 2019 7:03:18 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I do not agree with the effluent pipeline discharging into the Norththumberland Strait! An on-land solution is required. Name: Email: @hotmail.ca Address:

Privacy-Statement: agree x: 61 y: 22

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp Effluent pipe  
**Date:** March 3, 2019 8:37:04 PM

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I am writing to support the request from fishermen's organizations from NS, NB, PEI, and Pictou landing First Nations to have Northern Pulp effluent treatment project designated a project for federal environmental assessment under section 14 of the Canadian environmental assessment act. (CEAA) 2012.

I am a lifelong resident of the town of Pictou. A great deal of my summer days as a kid were spent enjoying the waters and beaches of the Northumberland Strait and as an adult I spent many summers sailing those beautiful waters. I've eaten clams, oysters, smelts, mackerel, and lobsters from the Northumberland strait. Now all that and much more is threatened with the proposed effluent pipe from Northern Pulp. I would like to know:

- 1) What chemicals are in the effluent?
- 2) What affect will these chemicals have both in the long and short term on the fish stocks in the strait?
- 3) Pictou's domestic water is supplied by numerous deep wells through which the proposed effluent pipe will pass. What steps are being proposed to protect this water supply?
- 4) What affect will mill effluent in the strait have on tourism?
- 5) Who is going to monitor the affects of a pipe and how will it be monitored?
- 6) With so much at stake and with so much distrust created over the years with this mill, it should be apparent that nothing less than a federal assessment is needed. Why is it not being recommended?

It is for questions like those I have asked above that I feel a class 2 federal environmental assessment.

Thank you for your time.

0  
@eastlink.ca

**From:** @me.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 3, 2019 9:47:20 PM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: The scope of this project requires a federal environmental assessment, and at the very least, a class 2 assessment. A class 1 assessment is insufficient and would be a failure to our First Nations community, the environment, maritime tourism, maritime fishermen, and other businesses affected by the many negative spinoffs. Please do not move forward without adequate due diligence. Name:

Email: @me.com Address:

Privacy-

Statement: agree x: 82 y: 35

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 1:50:30 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I am against this project for the following reasons. It is not an improvement on the existing system which will cost millions to remediate Boat Harbour Dilution is not a solution Any level of effluent is too much to be discharged into the Straight The effluent contains heavy metals and other pollutants if it will damage the mill as stated it will damage the ocean The only reason that this system has been chosen over other more advanced systems is that it keeps the mill profitable Name:

Email: @gmail.com Address:

Privacy-Statement: agree x: 76 y: 9



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 6:13:03 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: This is not environmentally wise and should never allowed to occur. Name: Email:  
@gmail.com Address:

Statement: agree x: 49 y: 18

: Privacy-

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 7:05:55 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: We need Northern to continue operating to protect our integrated forestry industry. We should extend the operating license to accommodate a full and complete environmental assessment and then implement the new affluent distribution system if it is approved. Name: Email:  
@eastlink.ca Address:

Privacy-Statement: agree x:

81 y: 17

**From:** @eastlink.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 7:46:10 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: When there is a on shore breeze Chance Harbour, you can go into the water, up to your knees and not see your feet, no swimming for the kids when the water is this dirty. 30 years Name: Email:  
@eastlink.ca Address:

: Privacy-

Statement: agree x: 50 y: 26

**From:** @bellaliant.net  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 8:15:00 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Comments to Northern Pulp's Environmental Assessment for the Replacement Effluent Treatment Facility Project

My name is \_\_\_\_\_ and I am the current owner of property in Chance Harbour held in our family for over a century. The property borders the Northumberland Strait a few \_\_\_\_\_ east of MacKenzie Head and approximately \_\_\_\_\_ meters from the mouth of Boat Harbour as the crow flies. I am \_\_\_\_\_ years old and I am quite familiar with the impact Boat Harbour has on our shore line prior to and after the effluent treatment facility EFT was installed. I also see the results of improvements made to the EFT over the past 50 years. Even though the aesthetics of the shoreline in front of my property may improve, there are more important environmental issues at stake. I welcome the closure of Boat Harbour as an ETF however, I have concerns about the rush to approve and implement a new ETF. The environmental assessment EA should not be concerned with the deadline of the Boat Harbour Act, but a thorough review of the data and a reasonable time line for testing should be done. No, I am not agreeing to, nor supporting an extension to the closure of the Boat Harbour EFT. The impact to the mill of a premature closure should be dealt with separately. First, come up with a best case replacement EFT. EA Class I Inadequate There is far too much data to review and too much incomplete information to pass the EA in a 30 day period. Monitoring: The EA does not detail the monitoring of the new system. A detail of inspections by people and electronic devices should be provided. Will monitoring be continuous 24/7, or longer periods of time? How will the portion of pipe imbedded in the Strait be monitored? Based on the last two pipe breaks, the current methods of detecting and preventative maintenance are inadequate. Current air monitoring is minimal and that tells me Northern Pulp will continue minimal reporting. Total Suspended Solids TSS: During an open house hosted by Northern Pulp, Hugh MacDougal, NP Engineer, explained to me and my wife the new activated sludge treatment AST process. Part of the process that jumped out was TSS emptying into the strait would increase. \_\_\_\_\_ an environmental lawyer, found evidence of increased TSS in an e-mail from a NP technical manager to Dillon Consulting. \_\_\_\_\_ received the e-mail through an FOI request. Testing: There are several areas in the EA where the writer states further study is recommended. For the sake of brevity, I will mention one. The conclusion in Appendix R, A Summary of Scientific Literature Related to the Effects of BKME on American Lobster recommends further study. The conclusion is on page 51 of Appendix R. When asked about the chemical composition of the effluent at discharge point, no information was available. Ice scouring was briefly discussed in the report, but there was no mention of mock diffusers being installed. I would think a test over several winters would be required to see the diffusers avoid being damaged by ice scouring. Conclusion: The Province should hand over the EA to federal government to do the review. The Province, as a lender and lease holder of wood lands, is too close to NP creating an apparent conflict of interest.

Concerned Citizen New Glasgow, NS Name: \_\_\_\_\_ Email: \_\_\_\_\_@bellaliant.net  
Address \_\_\_\_\_

Privacy-Statement: agree x: 58 y: 18

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 9:37:54 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: I absolutely support the replacement effluent treatment facility project proposed by Northern Pulp. Given the amount of time they had, they have done really well in researching and planning for his project. They have put a lot of effort in gathering scientific evidence that there will be little to no negative impact in the Northumberland Strait. They have, in my opinion, jumped through more hoops and than other industries in Nova Scotia to educate the public. The proposed system is not bran new technology. It has been used by other mills around the world and in Canada and has proven to be great. My kids and I swim in the Northumberland Strait, we live in Abercrombie so I take the environmental concerns very seriously and I confidently support and believe in Northern Pulps effluent treatment facility project and absolutely think the project should be approved asap. Name: Email: @hotmail.com Address:

Privacy-Statement: agree x: 74 y: 21

**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 10:20:10 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Since the 1970s, Environment Canada has established Pulp and Paper Mill Effluent RegulationsPPER that would surely be applied to the proposed Northern Pulp pipeline installation. However, the local impact of effluent discharges on seafloor communities has probably not been addressed as yet, or has the regional dispersal pattern tidal of effluent discharges in relation to toxic effects on a range of planktonic and benthic marine species? I would presume that these issues would be addressed in a federal environmental impact statement EIS? Name:

, Email: @gmail.com Address:

Privacy-Statement: agree x: 58 y: 22

**From:** @hotmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 10:41:58 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Am I bias? I try not to be. I work at the mill and I feel like my livelihood will be jeopardized if Northern Pulp closes. I have always tried to look at each side of the story when it comes to environmental issues. As we know it. The Maritimes have made their wealth off industryâ?!. And it seems each time when industry leaves the public and government think that tourism will boom but I have yet to see that happen in places that are ghost towns now. I feel we need to look at the overall problem. The public has seen what has happened to the mill in the past and they bring those past experiences with them and they arenâ?Tt positive. In order to move forward we need to put the past behind us and live for the future. What future is here in Nova Scotia? Nova Scotia has an abundance of renewable resources. Tress being one of them. We have a seedling department in Debert that we have seasonal workers plant trees in the summer. I know it does take time for the trees to get to be at the state that we harvest them â?" but itâ?Ts not like we donâ?Tt think about replanting. I know if the Mill closes I will more than likely venture out west to find better work. That includes my partner as well. Everything will be affect in my life. If the industry isnâ?Tt here it will just go elsewhere and it will be a loss to the Maritimes. Keep people working in the Maritimes! Name: Email:  
@hotmail.com Address:

Privacy-

Statement: agree x: 45 y: 31

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Northern Pulp  
**Date:** March 4, 2019 11:23:53 AM

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As a woodlot owner I support Northern Pulp.

Sent from my iPhone



**From:** @gmail.com  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 11:28:39 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Good morning I have been a commercial fisherman in Northumberland Strait since 1981 when I first bought my fishing gear.the proposed pipe from Northern pulp is of great concern to me as the discharge Will be located and a very good lobster fishing area and Right Beside one of the last large Herring Spawning grounds in the area. Northern as stated that theyâ?Tre Discharge will be in the Deepwater but a couple hundred feet on either side you will be into 25 feet or less this is a very small channel it runs Past Caribou harbour at the Norwest end of this channel the affluent will discharge in to the main lobster fishing area in the rising tide and then fall back over the area where about 25 of the boats out of Caribou Harbour Fish . And then just east of the pipes discharge is a Large scallop bed this I believe will have a Drastic effect on our fishery. In the area of the discharge and a larger area as Water between the discharge and Pictou Island has an average dep th of 30 feet and not a big tide to carry stuff away Name: Email:

@gmail.com Address:

: Privacy-Statement: agree x:

54 y: 21

**From:**  
**To:** [Environment Assessment Web Account](#)  
**Subject:** response to Northern Pump dumping effluent into the Northumberland Strait  
**Date:** March 4, 2019 11:53:44 AM

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My purpose for writing to you is over my concern for the place I still consider home – New Glasgow.

I am writing in relation to Norther Pulp's Replacement Effluent Treatment Facility Project. I am for a full blown national external environmental assessment that will not be a conflict of interest.

I am very informed about the mill...have read everything I think there is to read and spend the first hour of every day reading the websites on it. I am very sad to see the issue of a pipe tear the community of Pictou County apart.

I am very sensitive to the arguments on both sides.

- Hundred (into the thousands) of people making their living in the forestry, trucking, etc.
- The cost of healthcare due to high cancer rates in Pictou county, the billion dollar cost to tax payers to clean up the chemical mess at boat harbour, the affect on tourism and the fishing industry, the cost of all the donations the government gives to the mill to keep those 250 jobs (and spin offs), the fresh water cost, the clear cutting, the chemical spraying, the corruptness, deception and lies from all governments.

I am strongly against Northern Pulp, putting a pipe into the strait and continually not meeting industry environmental standards and regulations.

I believe this foreign company can afford to meet industry standards but enjoys getting away with abusing the citizens and government because they can... fear and threats have worked well for them for years. I am not against the mill but am against the abuse the native Canadians, the environment and citizens of Pictou County. I don't think the owners of Northern pulp care about the environment or the health of Pictou County residents. Yet they are making the profits that they could invest in these things.

I grew up a cottage on the Northumberland strait cottage and watched the water continually grow browner and smellier each year. We can't continue to accept the assault on the environment at any cost. I understand jobs are important!! But if a study were conducted and the cost of the donated land, water, causeway, health costs, clean up, loans, donations made compared to the cost of jobs.... I wonder which would come out on top... minus the assault on the water, forest, air and water pollution. It is very complex.

More people would invest and start businesses, more doctors, retired people, professionals, artists and trades people would come, stay longer or move back, and Tourism and property sales and prices would increase, if people were not afraid to breathe, eat the fish, and swim in Pictou County.

I still live in Pictou county 2 months a year - but I pay property taxes and expenses ( 12 months a year), insurance, hydro, boat storage, and grass cutting/snow plowing, twelve months a year. I have purchase property, hired an architect, contractor, plumbers, electricians, bought boats, cars, a, put on a new roof

month, replaced a deck, heating system, bought gym memberships, paid boat mechanics and boat storage, groceries, gas, have an account at home depot.

The vision for the future has be in line with a knowledge based economy. The economy in Pictou County appears pretty bleak. The front street of Pictou and New Glasgow, the malls, and restaurants appear empty, houses are for sale everywhere, the population is not growing, - it doesn't seem like the mill is saving the community. The status quo has not and is not working. The citizens of Pictou County deserve better. Nothing is worth breathing chemicals, swimming in brown water and gooey foam when the breeze is onshore, water with mercury and other chemical and eating fish from this water. I want to raise awareness and be part of the solution to bring the place I still call 'home' back to life.

I recently wrote a letter to the environment minister voicing concerns over the rush to get the assessment conducted on NP proposal to pour the effluent directly into the strait. It took his office more than 30 days to send me a form letter, which didn't even answer my questions. If they can't answer emails in 30 days how can we expect them to do an environment review in 30 day!

My question is, why the rush? It appears biased. If we all want the best for our town lets take our time and do the right thing long term. I know this can't be easy. But please do not cave to NP threats. Their concern is profits for their foreign company not the health and welfare of New Glasgow citizens or the environment in Pictou county. What is the worst thing that could happen if they take an additional 30-60 days to access the proposal? The facts will emerge and the plant could close? Perhaps then NP would invest in their company and finally meet industry expectations. Do we not have the vision and foresight to deal with this scenario? I can think of several alternatives as I am certain you can too.

Please recommend an extended review so decision are based on knowledge and not emotion. Take the time required for such a serious decision. Develop mechanisms to keep the young people in New Glasgow, strategies to grow the population (which hasn't grown since NP arrived), and stop New Glasgow from receiving consistent negative press as one of the worst Canadian communities to live. Please make a decision based on information and facts and to keep more people from leaving and more of us coming back.

I look forward to seeing you soon in New Glasgow.

email: [@um.edu.mt](mailto:)

University of Ottawa

[uottawa.ca](http://uottawa.ca)

**From:** @ns.sympatico.ca  
**To:** [Environment Assessment Web Account](#)  
**Subject:** Proposed Project Comments  
**Date:** March 4, 2019 11:57:34 AM

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Project: replacement\_effluent\_treatment\_facility\_project Comments: Feel that Northern Pulp should be granted an extension on Boat Harbour in order to have their effluent line installed. The loss of jobs this mill provides directly and indirectly would certainly be felt across a good part of the province. Pictou Co.can not afford to lose the large financial contribution the mill puts in to the local economy. However it is important that the pipe is installed meeting or exceeding the environmental standards that are imposed on them. I believe there is a solution that everyone can benefit from if done correctly. Name: Email:

@ns.sympatico.ca Address

Privacy-Statement:

agree x: 72 y: 30

From:  
To: [Environment Assessment Web Account](#)  
Subject: Northern Pulp EA Response Letter  
Date: March 4, 2019 12:16:00 PM

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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 every day into the Northumberland Strait. I would like to address losing the Marine Stewardship Council (MSC) blue seal, the fact that the quality of the treated effluent will actually be worse and Appendix R Bleached Kraft Mill Effluent (BKME) effects on lobster.

I am a third generation fishermen, my grandfather and father both fished the Northumberland Strait. Fishing has changed a lot since my grandfather started, we regulate the size of our lobsters, put in escapes, use dissolving string, reduced the amount of traps we fish just to name a few of the sustainable fishing practices we use. Lobster from the Bay of Fundy, Scotian Shelf and Southern Gulf of St. Lawrence have the prestigious Marine Stewardship Council blue seal since May 2015. This is an international stamp of environmental sustainability. It opens up international markets that require third party certification. This is hard to achieve and easily lost. MSC are watching this Northern Pulp proposal very closely to see the outcome. If that certification is lost it will greatly affect the sale of lobsters from all three provinces which ship to the US, Europe and Asia. More than 3000 people make a living on the Northumberland Strait, 18,000 people are working in the fishing industry in Nova Scotia. Seafood exports is a \$2 billion industry for Nova Scotia, if the blue seal of MSC is lost that number will go down significantly, this is a serious threat to the Canadian fishing industry (Dept Fisheries, Gov't of NS, NS Exports).

The Nova Scotia provincial government and Northern Pulp have both been spreading the misinformation that their treated effluent has been going out into the Strait for 50 years therefore there is nothing to worry about. This is not true, I have witnessed it firsthand. My first year rock crab fishing I put my crab cones along the mouth of Pictou Harbour. As I fished up from Lighthouse Beach the smell became unbearable and the cone came up filled with black silt and no crab, I moved the cone away from the area and found out that was close to the Boat Harbour outfall. What I have come to learn in the past year is the way Boat Harbour treatment facility works is the treatment is completed at point C, but just because this is the end of the Boat Harbour Effluent Treatment Facility (BHETF) does not mean that it has finished treatment. It then releases into the lagoon where the water sits for 20-30 days, cooling and settling solids, then through a dam as the water levels get high and with the tide release into the Strait at Point D (Boat Harbour Map attached). It then flows back and forth within a box tide along the shore between MacKenzie Point and the end of Lighthouse Beach (Tidal Flushing of Pictou Harbour and Pictou Road, Fisheries Research Board of Canada Technical report no. 146, 1969). This is much different from the new proposed system where it will be treated for hours instead of 20-30 days, the temperature will be 25oC in the winter and 37oC in the summer (NP proposal Table 5.2-1) and relentlessly pumping out onto fishing grounds. The treated effluent quality at point C is the same quality it will be when pumped into the Strait. Both meet regulations, these regulations are not stringent enough to prevent harm, the mill is meeting regulations but their Environmental Effects Monitoring (EEM) shows Northern Pulp is doing harm to fish habitat and the only thing being done about it is every three years Environment Canada gives them recommendations (PEI Legislative Assembly Feb 1st 2019). Through a FOIPOP it was found that Northern Pulp's technical manager agrees that the effluent will actually be worse coming out of the new pipe than what is coming out of Boat Harbour now. (Email dated Nov 2017 Technical Manager Northern

Pulp, FOIPOP) What is in the treated effluent that will be pumped onto our fishing grounds? It is not in the environmental assessment which states that the chemistry characteristics will not be known until the project is operational. This is a huge gap in the proposal, we do know that it contains dioxins, furans and heavy metals. Shellfish, such as scallops which I also commercially fish, absorb dioxin and furans at 25,000–50,000 times the concentration in the water. Cumulative effects would cause deformities, and embryo larval mortalities in fish, chronic effects include significant irreversible factors which jeopardize the continuance of the species and the integrity of the ecosystem (Environment Canada, 1991). Further to accumulative effects on marine life the FOIPOP done by had a letter from the Dept of Environment stating that Northern Pulp should have a study on accumulative effects of BKME on marine life, this was not completed, another gap in the EA.

After reading Appendix R of the EA I fail to see how this can even be called a study, if Stantec can run the study saying everything will meet background by 2 to 5 meters and Stantec is also in charge of running the lobster study which says because it meets background by 5 meters lobsters will not be affected. There needs to be independent third party studies done on both the plume and the effect on lobsters. Harvesters have history with Stantec (Confederation Bridge) and they have a history of not agreeing with their reports. The receiving water study is just a prediction, it is not factual therefore the results of Appendix R are not fact they are just a prediction based on a prediction, not very comforting to a \$2 billion a year industry.

The devastating effect this could have on the commercial fishing industry cannot be overstated. The construction alone of the pipe has the potential to greatly harm the fishing industry, the frequency of daily pumping 85 million litres of hot treated effluent and four tonnes of suspended solids would cause uninhabitable conditions for marine life. As for reversibility, we need to look no further than Boat Harbour Remediation Project. This will take millions of taxpayer dollars and years to restore and that is a contained area. There will not be a remediation project large enough for the Strait, it will never recover if this proposal is approved. Therefore I ask that you reject this proposal, if you can not reject I ask that an Environment Assessment Report be completed, there is too much at risk.

Thank you Minister,

Town of Pictou

Hillflower  
Reach

Northumberland  
Strait

Highway  
104

W. Van Laster  
Frd. N. Van

Van  
Outlet

Google Satellite View  
of Boat Harbour Area

Sitting  
South

Boat Harbour  
Area Location

Northern  
Pulp Mill

Northern Pulp Mill  
(Formerly Scott Paper)

Highway  
104





Settling Ponds

Pipeline of waste water

1

2

3

Aeration  
Stabilization  
Pond

Boat  
Harbour

4