

From: [Abraham Zebian](#)
To: [Deanna Snair](#)
Subject: Fwd: Concerns Re: Potentia Windfarm Ellershous
Date: April 27, 2024 9:30:49 AM

From: Sydney Caldwell
Date: April 27, 2024 at 7:52:36 AM ADT
To: jcushing@potentiarenewables.com
Cc: Abraham Zebian <AZebian@westhants.ca>, Jeff Hartt <jhartt@westhants.ca>
Subject: Concerns Re: Potentia Windfarm Ellershous

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We received a notice in the mail yesterday that they are looking to expand the wind farm above Panuke Lake.

July 21/2023 we received 300-350mm of rain in four hours via a severe long lasting thunderstorm. This flooding decimated low areas of Ellershous and Hartville. Washing away and damaging many bridges in Ellershous as well as along the highway 101 service rd. Highway 101 was also damaged and closed for over 24 hours for emergency repairs. Highway 101 is how we get to the major hospitals in case of emergency.

The people of Ellershous were trapped in Ellershous as the one undamaged bridge at the bottom of the Hartville Quarry road was under 8 ft of standing water. It took two full days for the water to recede enough to drive through (there were approximately three vehicles found under the water!!!). During this time we had no access to emergency services.

At the end of Williams road a huge landslide was created when a large portion of the railroad tracks and culvert were hit with the flood water (this damage is directly below the windmill closest to highway 101). You can see the damage from highway 101 (valley bound at the top of the hill towards Ellershous l). This

caused enormous environmental damage to Bog Brook for kilometres- as well as to our two river front properties. The damage is currently being investigated by the department of Environment.

The existing wind farm is built on hundreds of acres of high land and is installed on gravel surfaces with very well designed ditching. This pools the water away from the wind farms- there is no forest or moss to absorb the water and it drains to the lowest point- rivers, lakes, streams.

This would be Panuke Lake (which the salmon hole dam was at risk of breaching from the flood), our Bog Brook that was severely damaged by the railroad landslide, and then the little bridge again in Hartville that was under water for two days.

We are experiencing a trend of severe weather- having had two severe thunderstorms in Ellershouse in 5 years. The first storm only 45 mins long but still causing some severe damage to infrastructure.

I don't trust the wind farm companies or municipality to do the research and planning prior to building this additional wind farm. We need protection from flooding and better planning for future severe weather. Hundreds more acres of gravel and ditches will only make it worse next time. What happens if the Salmon Hole Dam does breach? The evacuation area was huge. We all know the dam infrastructure is very old- the water rose 7-8 feet in this one event. We need to know that our community is safe.

I have several photos to support this but the file was too large to send so I've sent small images.

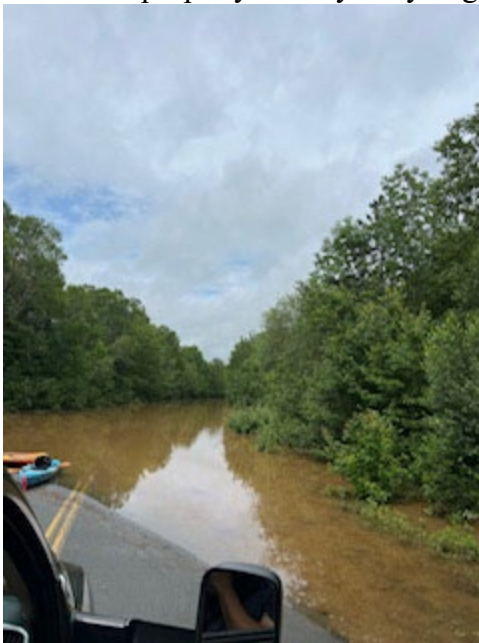
Sydney Caldwell
Resident of Ellershouse
Sent from my iPhone



Highway 101- 11:30 am July 22 shut down for 24 hours



Our rental property destroyed by bog brook flooding



The intersection of Hartville quarry road and Ellershouse rd- our only way out for a week and took two days to become passable again.



Landslide and washout under the existing windmill closest to highway 101- currently being investigated by the dept of environment.