The Rivers

Cascumpec Bay Watershed Association Inc.

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By: Nora Harper

THE BATTLE WITH WILD CUCUMBER VINE CONTINUES

CBWA has removed a dense area of Wild Cucumber Vines from Elmsdale to Johnson's Pond Brook, and all along the Oliver road in Huntley. Wild cucumber vines are an invasive plant that will do considerable damage to trees, shrubs and undergrowth by blocking sunlight and will spread very rapidly. We are making progress battling this invasive vine and will closely monitor the growth again next summer with the hope that removal of these vines will be a step closer to eradicating the problem. If you see it on your property, please help us stop the spread of this aggressive species by gathering the vines and burning them (to destroy the seeds which are starting to mature).

For more information please contact CBWA at 902-856-1200 cascumpecbayWS@hotmail.com

Hornet Nest at Rennie's Bridge

Board Members for 2020

- Paul Arsenault (President)
- Gerard Gaudet (Vice-President)
- Rhonda Arsenault (Secretary/Treasurer)
- David Lane
- David Crocker
- Christina Blanchard
- Ashton Perry
- Chad Smallman
- Garth Davey

Gordon's Pond Update

We recently met with the Honorable Ernie Hudson and the minister of Environment, Water, and Climate Change – the Honorable Natalie Jameson. We are hoping to come up with a course of action that will show significant improvement to the water flow and condition of Gordon's Pond. This photo was taken on August 20th.

Beach Clean-Up 2020

We conducted our annual beach clean-up on August 18th – removing a truck and trailer load of garbage from the area between Jacques Cartier park and Alberton Harbour – consisting mostly of plastic, styrofoam, and rope. CBWA takes great pride in keeping this beach clean and beautiful.

Removal of Beaver Dam

CBWA removed a beaver dam from Elmsdale this summer.

The dam was obstructing fish passage and healthy water flow, thus resulting in more erosion to the area. Our primary objectives of removing the dam were to: Restore the normal stream flow, prevent the stream from becoming abnormally wide and choked with organic material, restore the native trees and shrubs in the former riparian zone, provide fish passage, and minimize the impacts on water temperature and dissolved oxygen.

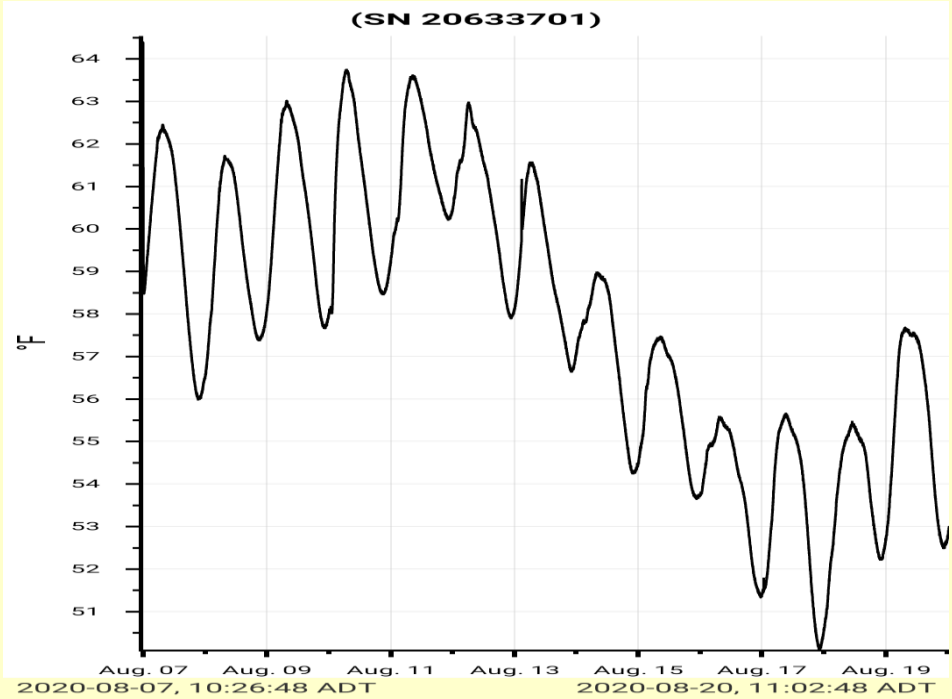
Spruce Budworm Trap

We put up a Spruce Budworm Moth again this summer, to help the Canadian Forest Service track outbreaks across the region. Budworm have caused a lot of damage to Spruce and Fir in Quebec and into New Brunswick. We caught 50 moths in the trap during the month of July. The trap uses a pheromone lure to attract the moths.

HOBO ONSET Data Loggers

The Cascumpec Bay Watershed Association Inc. purchased a set of data loggers to track the water temperature in our area. We have been checking them weekly – these graphs display the temperature from August 7th to August 19th 2020.

Gordon's Pond (top) Rennie's Bridge (bottom)



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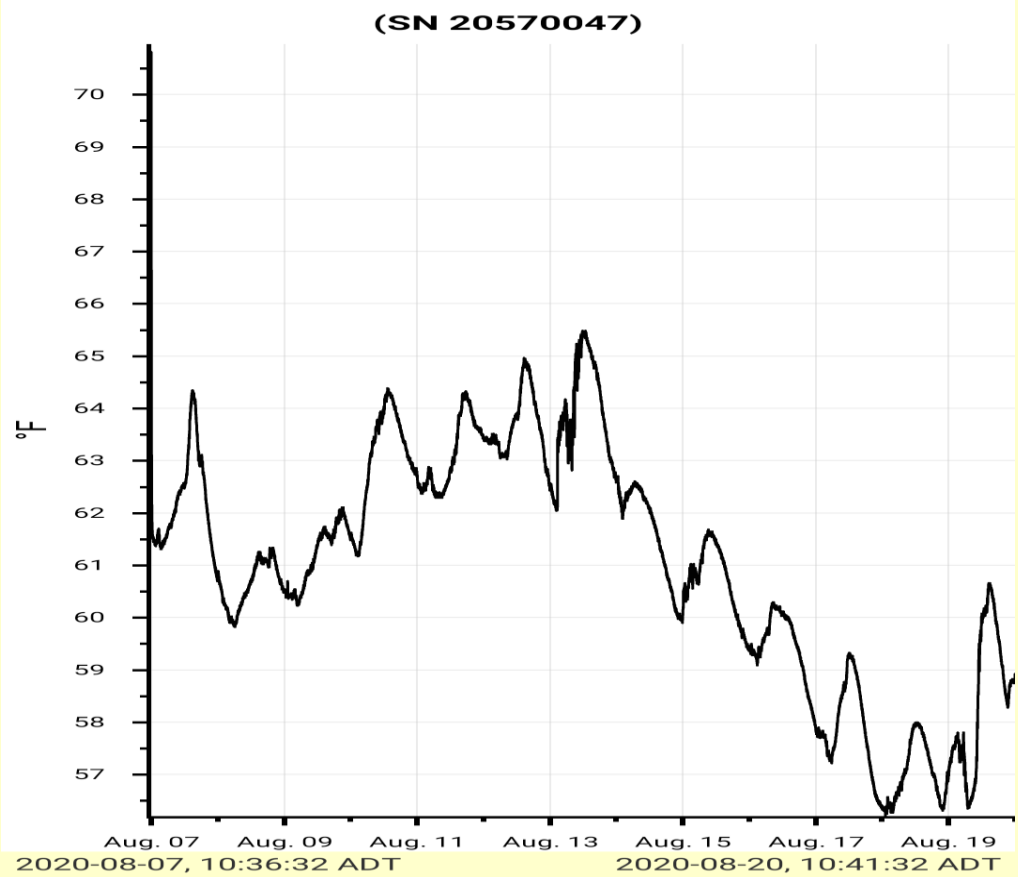

Water temperature is considered a key ecosystem driver in freshwater ponds and streams of PEI. Stream temperature and brook trout growth are important factors that can directly influence survival, growth and distribution. While temperature tolerance can vary with strain, temperature duration, and acclimation, the longstanding general guideline for brook trout has been that for growth, the weekly average temperature must not exceed 66ºF, and for survival, temperature must not exceed 75ºF degrees for any period of time. A more recent study demonstrates that brook trout growth rate declines precipitously from its optimum at 60º degrees to nearly zero at 72ºF degrees. Rainbow trout are more high-temperature tolerant than brook trout.

This is a tree we found growing near Long Creek

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Contact John Lane 902-856-1200
cascumpecbayWS@hotmail.com