

The Rivers

Cascumpec Bay Watershed
Association Inc.

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Anoxic Event on July 5th



CBWA identified three anoxic areas throughout Long Creek on July 5th, 2021. Anoxic events are common in many ponds, bays, and estuaries in PEI during the summer months (as early as mid-June and as late as mid-October). There was no evidence of a fish kill, and we have reported our findings to the Department of Environment, Energy & Climate Action. WHAT CAUSES AN ANOXIC EVENT? Anoxic conditions occur as a consequence of harmful algae bloom. As the bloom starts to die off, the dead algae sink to the bottom of the pond and are degraded as food by heterotrophic bacteria. The degradation process consumes oxygen, and since there is so much dead algae biomass to degrade - eventually the oxygen is depleted. Serious anoxic events will cause fish to suffocate - due to the lack of oxygen in the water.

For more information on anoxic events in PEI or the process that leads to them please see the PEI Department of Environment, Labour and Justice webpage <http://www.gov.pe.ca/environment/anoxic-events>

CBWA staff would like to send our sincere thank you to all of our directors for their time and devotion.

We would also like to thank our staff for their hard work and dedication.

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Public Garbage Bins

CBWA staff repaired and painted our public garbage bins. We have placed them at Gordon's Pond, Marchbanks, The Gap in Kildare, and at Profit's Pond. They are a powerful tool in keeping our public areas free from garbage debris. We dump the garbage and replace the bags weekly.



Oops!! Tires don't belong here!

We came across this pile of old tires in Long Creek at the Gard Road. CBWA would like to remind the public to please dispose of your garbage in the proper location. The Brockton drop off for Island Waste Management is open Mon, Wed, Fri 8am to 4:40 pm and Sat from 8am to 12:30pm.



Repairing Rock Pools with Students

Westisle High School students assisted CBWA staff at Profit's Pond to repair and enhance the ROCK POOLS. This was a fantastic opportunity to teach the students the importance of stream maintenance. This rock pool provides a



resting spot for the brook trout that have come down the fish ladder. The rocks also help to stabilize the bank - therefore allowing the water level to rise and ensure a cool, deep pool for the trout.

Fish Chute

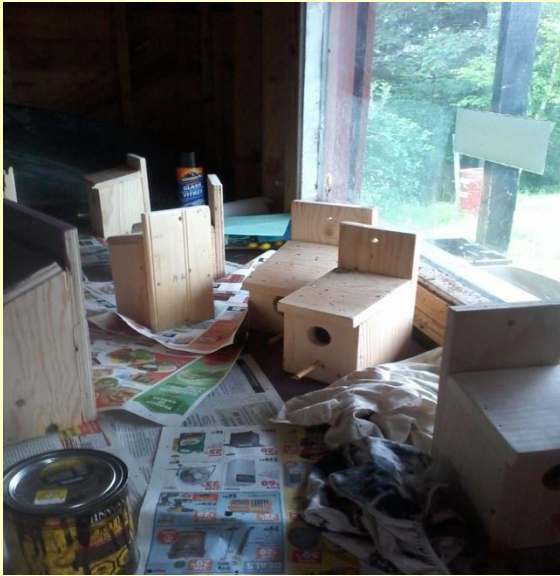
CBWA installed this fish chute at Finn's Creek. The brook trout can swim up the chute (similar to a fish ladder) in order to swim through the passage way under the bridge. This is necessary when water levels are low and the fish need to go to up stream. You know what they say - "The grass is always greener on the other side" - same thing applies here - THE STREAM IS ALWAYS BLUER ON THE OTHER SIDE.



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Bird Houses

On a rainy windy day, our crew built these beautiful bird houses to hang throughout our watershed areas.



Cascumpec Bay Watershed Assn. Inc.
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