

Copeland Creek Free Flow Project

Improving Infrastructure & Fish Habitat Together

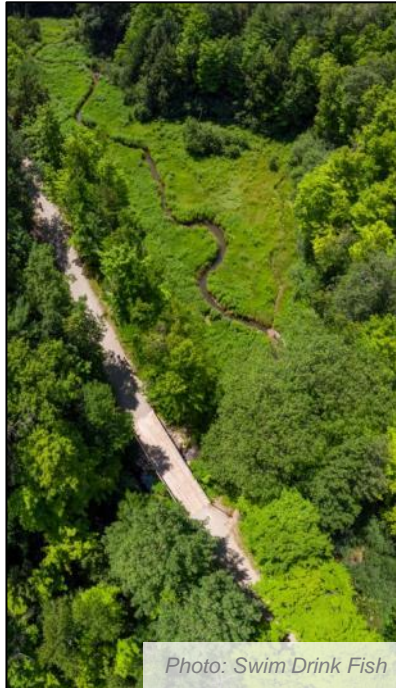


Photo: Swim Drink Fish

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Copeland Creek

- Thermal regime is cold water
- Benthic invertebrates indicate water quality is good
- Supports Brook Trout, as well as other native fish, bait fish and sport fish



Site: Tiny Trail Bridge P5



The Problem



Photo: Township of Tiny



Serious erosion under bridge



2016 aerial photo: County of Simcoe

The Solution



2013 aerial photo: County of Simcoe

- Remove culvert to promote free flowing conditions within the creek channel
- Stabilize creek banks to prevent erosion

Planning: Design & Securing Funding



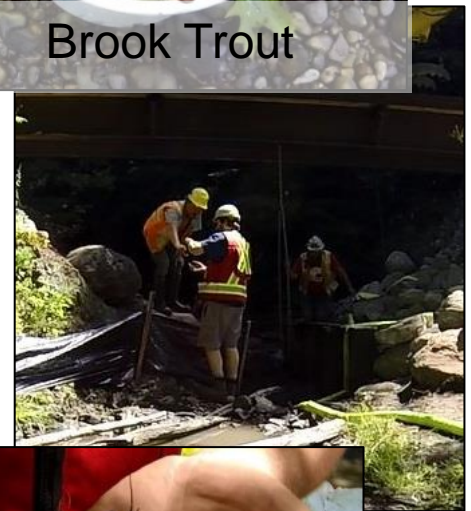
Implementation: Creek By-pass & Site Dewatering



Implementation: Fish Salvage



Brook Trout



Native crayfish

Implementation: Culvert Removal

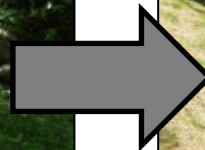


Implementation: Bank Stabilization



Benefits

- Improved stream habitat
- Permanent access for Brook Trout & other fish to upstream areas of Copeland Creek
- Protection of bridge infrastructure



Future Enhancements

- Interpretive sign installation
- Additional tree planting
- Invasive species management



Partnerships: The Key to Success!



TOWNSHIP OF/CANTON DE
Tiny



**SWIM
DRINK
FISH**

THE W. GARFIELD WESTON
FOUNDATION



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Innovation at work



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Thank You! Questions?

