

*Junction Creek
Stewardship Committee*



*Comité d'intendance
du ruisseau Junction*

ANNUAL REPORT 2020



“Creating hope through environmental restoration”

MESSAGE FROM THE CO-CHAIRS

Our twenty-first year of operation was marked by the challenge of COVID-19 and 2020 became a year of adaptation and reflection. When only essential services could remain open, most of our community programs were put on pause but our environmental monitoring continued in order to maintain the integrity of our scientific data collections.

We “zoomed” our meetings and staff transitioned to working from home. We stayed connected virtually and continued to foster community relationships. We started working on that “if we only had time” to do list. Policy manuals were upgraded, e-banking was refined, and many other new ways of doing business were implemented.

We did our best to maintain our core activities, just in a different way. We cancelled our annual festival at Twin Forks, but we still released Brook Trout and were able to share the moment with everyone through video. We expanded the use of our social media platforms in order to reach more people and delivered virtual programs to promote stream stewardship. We even offered at-home activities for people to participate in while in lock down.

Stewardship activities were adapted and trimmed down for safe delivery with ample hand washing. In spite of the challenging Covid environment, we had many eager volunteers come out with smiles and enthusiasm to help plant trees, clean-up litter, and paint yellow fish stencils by catch basins in the Junction Creek watershed.

The environment, clean air, healthy soil and fresh water are essential to our lives. The challenges of Covid emphasized the important role our natural environment plays in mental health and the power of connecting with nature. We hope that residents were able to re-energize in the beauty and tranquility of the green spaces that make up Junction Creek Waterway Park.

Thank you to the JCSC staff who ensured safe program delivery, the Board Members who continued to guide us in challenging times, and most of all, our community—we work, learn and play well together.

Sincerely,

Rachelle Niemela
Paula Worton
Erin Calder

Co-chairs, Junction Creek Stewardship Committee



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2020 AT A GLANCE TOGETHER WE MAKE A DIFFERENCE



3,000

Brook Trout re-introduced



886

Kg of garbage removed

100

trees and shrubs planted



3,373

participants



3,380

volunteer hours



JUNCTION CREEK STEWARDSHIP COMMITTEE

RESEARCH • RESTORATION • EDUCATION • CONNECTING THE COMMUNITY



The Junction Creek Stewardship Committee is a not-for-profit organization focused on the restoration of a large urban waterway in Greater Sudbury, known as Junction Creek. The Committee was formed by a group of concerned citizens in 1999, incorporated in 2008, and became a Canadian registered charity in 2019.

Our Vision: "A healthy and revitalized Junction Creek ecosystem"

Our Mission

"To lead the way for improving and maintaining a healthy Junction Creek watershed by:

- conducting research and monitoring programs to create understanding and inform sound decisions
- organizing restoration activities to recover and protect the watershed
- providing educational opportunities to share knowledge and promote its ecological, economic, and health benefits
- connecting the community with Junction Creek to empower long-term stewardship"



Board of Directors 2020

A dedicated group who volunteer their time to oversee the activities of the JCSC. Their mentoring, guidance, and support are gratefully recognized by staff.

Rachelle Niemela – President
IT Manager, Cambrian College (retired)

Paula Worton – Secretary
Registered Nurse (retired)

Erin Calder – Treasurer
Environmental Consultant, Klohn Crippen Berger

Allison Merla – Director
Senior Environmental Analyst, Vale Canada Ltd.

Brigitte Angster-Beckett – Director
Technologist, Biology Department Laurentian University (retired)

Franco Mariotti – Director
Staff Scientist, Science North (retired)

Gerard Courtin – Director
Environmental Biologist and Forensic Botanist, Laurentian University (semi-retired)

Jorge Virchez – Director
Professor School of Northern Community Studies (Geography)

Kayla Stewart – Director
City of Greater Sudbury

Margaret Hoar – Director
Professor of Michener/Laurentian Radiation Therapy (retired)

Peter Beckett – Director
Wetland Ecologist, Biology Department Laurentian University

Staff 2020

Miranda Virtanen
Executive Director

Brandon Holden
Project Coordinator

Alexandra Stankiewicz
Sci. Com. & Outreach Intern (2019-2020)

Lianne Girard
Environmental Restoration Intern (2019-2020)

Lili Paradi
Environmental Outreach & Sci. Com. Intern

Cheryl Reyes
Environmental Biologist (Summer Position)

Karlee Gravelle
Wildlife Naturalist (Summer Position)

Volunteer Placements

Devin Kennis-Nadon, Jessica Louis, Michelle Gosselin, Teerth Panchal
Cambrian College Placement Students

Mackenna Harrison
Collège Boréal Placement Student

Bailey Cohen-Kricheysky
Laurentian University SciCom Placement Student

Haley Alcok
Laurentian University Placement Student

Tammy Pitawanakwat
Indigenous Environmental Keeper Intern

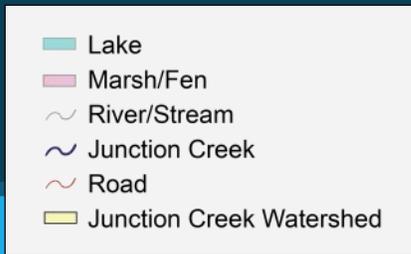


Junction Creek Watershed

The Urban Waterway of Greater Sudbury

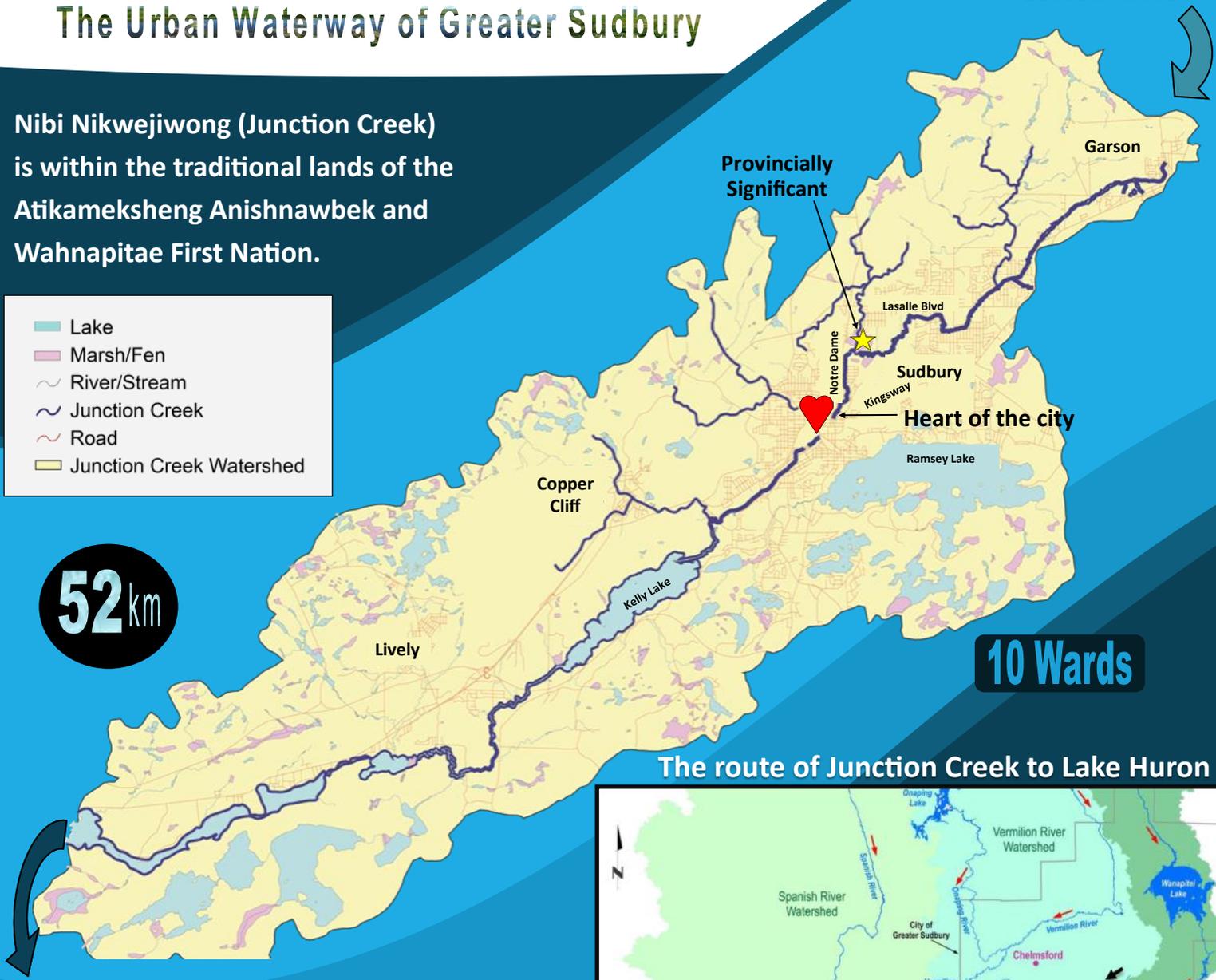
Nibi Nikwejiwong (Junction Creek) is within the traditional lands of the Atikameksheng Anishnawbek and Wahnapiitae First Nation.

Headwater:
Garson Mine



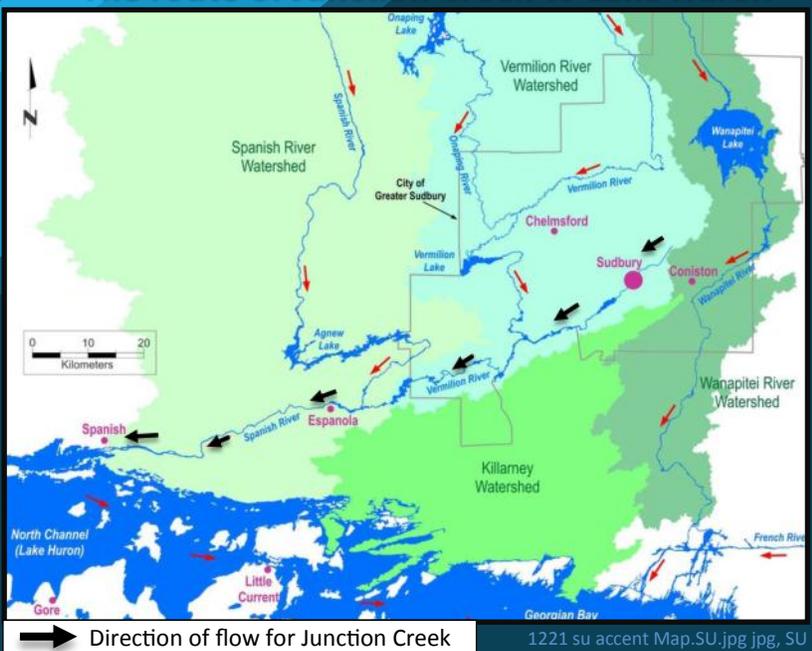
52 km

10 Wards



Drains into the Vermilion River, then Spanish River, into the North Channel and into Lake Huron

The route of Junction Creek to Lake Huron



A Valued Natural Asset



The Junction Creek watershed is a valued natural asset in Greater Sudbury. It serves as a wildlife corridor and accessible green space in an urban centre where past development has compromised its health. The watershed plays an important role in flood management, carbon storage, offers recreational and research opportunities, has historical and cultural significance, and supports diverse natural heritage. Restoring the watershed to a thriving ecosystem results in mutual benefits towards the health and resilience of the community and economic growth.

Flood Management and Drinking Water

The Junction Creek watershed is over 32,900 hectares in size with five tributaries, connections to numerous lakes, rivers, and municipal drinking water sources. The watershed provides natural flood management through storage and filtration of excess water by wetlands and vegetation. The trees and shrubs along the creek stabilize the shorelines to prevent erosion and degradation of water quality. The creek is also utilized by storm water systems and sewage treatment facilities. Always remember to use creek friendly practices to help reduce pollutants from entering our waterways.

Recreation and Eco-tourism

The creek is central in the community and features the Junction Creek Waterway Park trail along most of its urban reaches. Over 60,000 Sudburians live within a 10-minute walking distance from this trail system. The Junction Creek parkway allows residents and visitors to explore the trails, connect with the ecosystems surrounding the creek, and enjoy the natural beauty of Greater Sudbury while attaining healthier lifestyles.



Habitat and Wildlife

The Junction Creek watershed is home to diverse vegetation communities and wetlands, creating habitat for a range of critters including 'at-risk' species. The Ponderosa Wetland is a natural gem in the centre of the city and due to its high value for both human utility and ecosystem function, has been classified in 2018 as a Provincially Significant Wetland following a stringent provincial evaluation we conducted in 2016-17.



RESEARCH & MONITORING

HIGHLIGHTS 2020

- Brook Trout surveys
- Installation of **NEW** conductivity data loggers
- Microplastic sampling
- Data analysis for stream health report

We continue to maintain strong research programs and long-term monitoring initiatives to gain a better understanding of the Junction Creek watershed and for guidance in restoration and management. We collaborate with local experts and stakeholders to develop projects, collect data and produce reports on the current state of various ecological components of the upper reaches of Junction Creek.



RESEARCH IN JUNCTION CREEK

'Stream indicators' are features of the aquatic environment that reveal whether the stream is healthy and when it is changing. The JCSC strives to maintain monitoring programs to collect data on stream indicators and conditions, including:

- **WATER CHEMISTRY:** Conduct monthly water sampling at 10 sites in Junction Creek between Garson and Kelly Lake, and implement ongoing water monitoring via data loggers when able to.
- **AQUATIC LIFE (BENTHOS):** Collect annual benthic samples using Canadian Aquatic Biomonitoring Network protocols to determine the aquatic bugs (macroinvertebrates) present in the creek.
- **FISH COMMUNITIES:** Conduct fish community studies every 3 to 5 years to assess species presence and distribution in the upper reaches of Junction Creek.
- **AMPHIBIANS:** Conduct annual acoustic surveys of frog and toad calls during the spring to help track long-term trends in species diversity and climate.



RESEARCH IN JUNCTION CREEK 2020

In 2020, the Junction Creek field crew continued to collect data to enhance long-term stream monitoring programs, which included the installation of new conductivity loggers, and provided assistance to other research projects being carried out in the Junction Creek watershed.

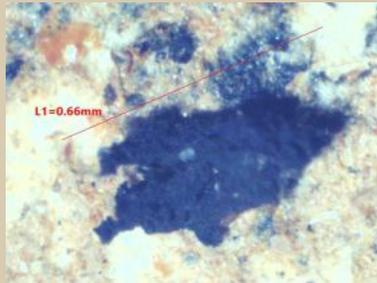


CITIZEN SCIENCE

We worked with The Land Between to offer the opportunity for citizens in Greater Sudbury to volunteer as **Turtle Road Researchers**. Participants conducted weekly surveys, walking or driving along designated stretches of road in their neighbourhood to record sightings of turtles. The data is used to identify road hot spots and future mitigation strategies for turtle conservation.

MICROPLASTIC SAMPLING IN JUNCTION CREEK

Grade 8 student, Adam, studied microplastic tire wear particles from normal driving habits and their ecotoxicological risks to the aquatic environment. His research findings reveal that tire wear particles are collecting in our environment. Out of the 9 sites he sampled, the sediment from the discharge pipe at William Avenue and Westmount Avenue in Greater Sudbury resulted in the largest amount of tire particles and plastic microbeads discovered. Adam's exceptional work is inspirational and has aided the initial development of a microplastic pilot study for long-term monitoring in Junction Creek.



Tire wear particle, 500um



Plastic microbead, 150um

BROOK TROUT SURVEYS

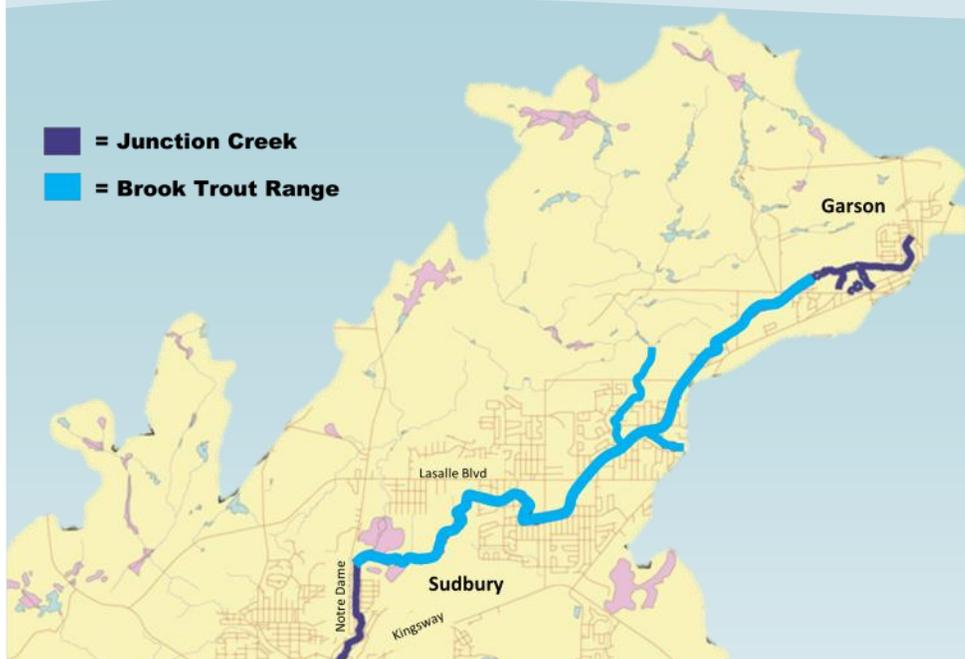
The Junction Creek field crew conducted angling surveys and additional water temperature readings to compliment the previous season's electro-fishing surveys and gain a better understanding about Brook Trout distribution and their critical habitat features in Junction Creek. During these surveys, they discovered new sightings for Brook Trout, important cold water refuge habitat, and found a variety of age classes - which suggests the survival and reproduction of Brook Trout in Junction Creek. See next page for more results.



BROOK TROUT IN JUNCTION CREEK



Brook Trout Range in Junction Creek



The above map is the estimated range of Brook Trout in Junction Creek based on current knowledge

An Indicator of Stream Health

Brook Trout were historically present in Junction Creek before the deterioration of habitat caused by Sudbury's logging and mining practices.

In 2000, after decades of environmental restoration, sections of Junction Creek became healthy enough to support the re-introduction of Brook Trout.

Good water quality and suitable water temperatures are essential for Brook Trout survival. Areas of **cold water refuge** created by fresh, cool ground water are **critical habitat features** that need to be identified and protected.

BROOK TROUT TRENDS



INCREASE IN SIGHTINGS



RANGE OF AGE CLASSES



INCREASE IN DISTRIBUTION

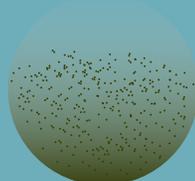
CONSERVATION THREATS

PROTECTION OF CRITICAL HABITAT



STREAM TEMPERATURE

Warm water temperatures from runoff and stormwater, lack of vegetative shade along the shoreline, and impairment of cold ground water entering the stream.



SUSPENDED SEDIMENT

Suspended sediment in the water from stormwater and runoff, erosion, and the removal of natural in-stream infrastructures.

ENVIRONMENTAL RESTORATION

HIGHLIGHTS 2020

- **886** kg of garbage removed from the creek and surrounding green spaces
- **100** native trees & shrubs planted
- **56** milkweed seedlings planted
- **160** live stakes and **15** fascines

We develop data-based restoration and conservation programs, identifying areas that require improvement and prioritizing efforts to recover and protect the shoreline habitat and biodiversity of Junction Creek. We use ecological approaches to restore impaired habitat and invite citizens to participate in creek projects.

RESTORING LIFE ALONG THE SHORE

The land surrounding waterways is known as the **'riparian zone'** and plays an important role in water quality, flood management, carbon storage and overall stream health. Past logging, mining and ongoing development have impaired much of Junction Creek's riparian zone, resulting in stream bank erosion, lost plant communities, and contaminated runoff.

The following restoration activities are conducted and monitored in the upper reaches of Junction Creek to restore riparian habitat, build climate resilience and increase biodiversity:

- **NATIVE VEGETATION:** Plant a variety of native trees, shrubs, wildflowers and other plants.
- **SHORELINE STABILIZATION:** Use bio-engineering techniques, such as live stakes and fascines, to strengthen eroding stream banks.
- **INVASIVE SPECIES:** Survey for invasive species and remove targeted invasive plants.
- **BROOK TROUT RE-INTRODUCTION:** Release stock Brook Trout to re-establish a stable population.
- **GARBAGE CLEAN-UPS:** Coordinate and empower community creek clean-ups.



RIPARIAN PLANTING ALONG JUNCTION CREEK 2020

NATIVE TREES AND SHRUBS

On October 3rd, 100 native trees and shrubs were planted along Junction Creek at the New Sudbury Centre. Local ecologist and Board Member Dr. Peter Beckett provided expert guidance and training to the 41 community volunteers that came out to help. There were 21 different species planted in the riparian zone, ranging from 1 to 3 gal in size. A special thank you to the New Sudbury Centre for funding this restoration activity and for your ongoing commitment to your green initiatives and supporting the community. We would also like to thank Southview Greenhouse Growers for their ongoing support.



Photo Credit: Carly Jussila

MILKWEED SEEDLINGS

A generous donation of Swamp Milkweed seedlings by Northern Wildflowers allowed JCSC staff and volunteers to enhance riparian habitat in Garson. The planted milkweed will help increase biodiversity and pollinator habitat along Junction Creek.



SHORELINE STABILIZATION

Bundles of willow and dogwood branches, known as fascines, were constructed and installed by placement students and staff along sections of eroding shoreline in the New Sudbury area. Cuttings of dogwood branches, known as live stakes, were also planted to aid bank stabilization. A total of 15 fascines and 160 live stakes were installed in an area of 42m². The sites will be monitored for success but they do not require any maintenance. Over time the willow and dogwood branches will grow and strengthen the shorelines of Junction Creek.



INVASIVE SPECIES

We continue to monitor and work with community groups to remove invasive plants in the Junction Creek watershed. In 2020, staff focused on the removal of Himalayan Balsam in Garson and the Roxborough Greenbelt, the later was in partnership with Ontario's Invading Species and Friends of Roxborough Greenbelt. Despite the inability to have public events, we were able to **remove 1,940 m² of invasive plants**.



BROOK TROUT RELEASE

Although we had to cancel the Annual Junction Creek Festival, efforts to re-introduce Brook Trout continued. In mid-April, the Ministry of Natural Resources and Forestry released **3,000 juvenile Brook Trout** into Junction Creek. The stock fish were transferred from the holding tank on the truck into the creek using a large hose. A special thank you to @RyanMariotti and @Mariotti_Visuals for donating his time and skills to capture the 2020 Brook Trout release so we can share it with the community. The [video](#) of the release can be found on the Junction Creek Stewardship Committee's [YouTube Channel](#).



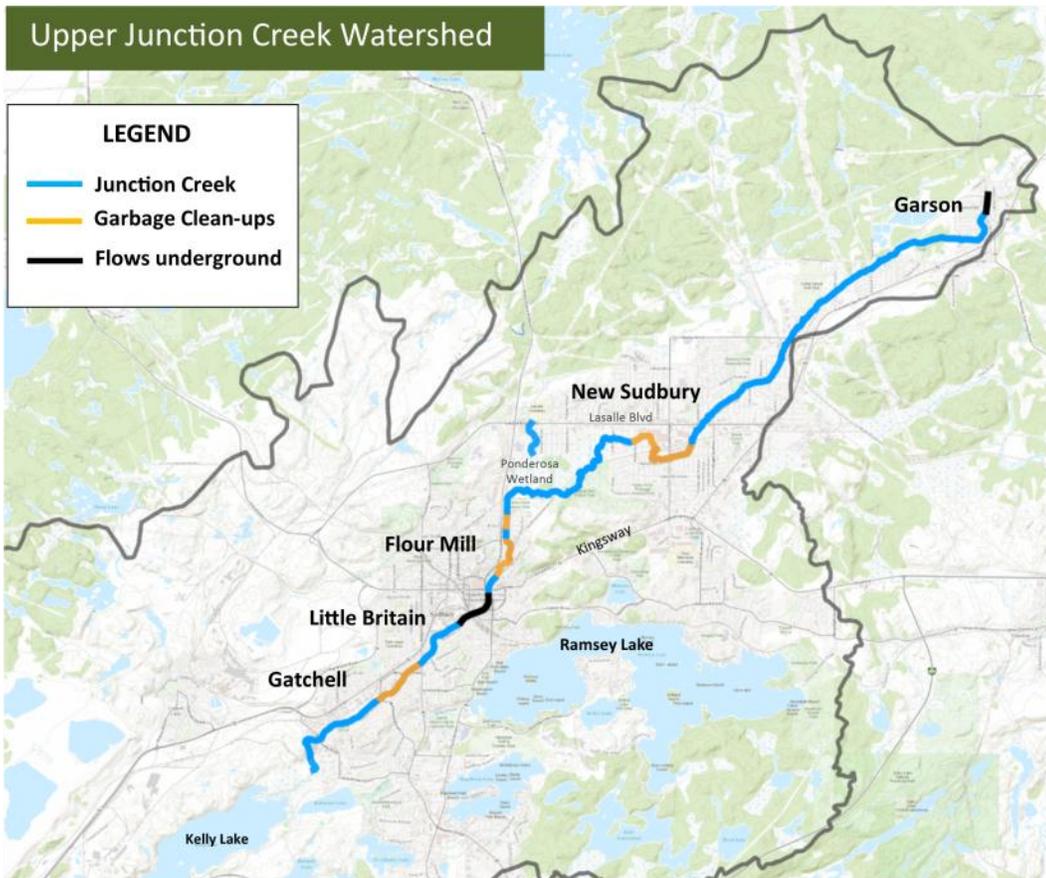
Photo credit: @RyanMariotti and @Mariotti_Visuals

JUNCTION CREEK GARBAGE CLEAN-UPS 2020

Litter and plastic waste are harmful to water quality, wildlife and the community. We coordinate creek and shoreline clean-ups with community volunteers through the City of Greater Sudbury's Adopt-a-Spot program. Since 1999, we have removed over 84,000 kg of garbage from Junction Creek! As part of our 'Reducing Plastic Waste in Urban Waterways' project (2019-2021), we partnered with Plastic-Free Greater Sudbury to enhance community clean-ups and conduct inventories of waste removed during clean-ups.

Due to the COVID-19 pandemic and state of emergency, the 2020 clean-ups were put on hold until late September and further safety protocols were adopted which reduced the number of volunteers that could participate.

-  **CLEANUPS**
-  **VOLUNTEERS**
-  **BAGS OF GARBAGE**
-  **KG OF TRASH**



Clean-up Groups 2020

- Plastic-Free Greater Sudbury
- Golder Associates
- CISV Sudbury
- The Nickel Refillery
- Monarch Recovery Services
- 92.7 ROCK
- Fisher Wavy
- Blue Community
- Junction Creek Members
- and various members of the general public*



EDUCATION & OUTREACH

HIGHLIGHTS 2020

- **2,797** viewers reached
- **9** educational programs
- Guest speaker for **12** presentations
- **2 NEW** educational videos
- We have a [YouTube Channel](#) now!

We continue to develop and deliver interactive bilingual educational programs, displays, presentations, and resources to schools and the community at large. Our programs provide opportunities to share knowledge and promote the ecological, economic, and health benefits of the Junction Creek watershed.



"Cleaning up Junction Creek" video, Mariotti Visuals

In 2020, due to social distancing and COVID-19 restrictions, we adapted our programs to provide virtual presentations and educational videos that could be enjoyed from the comfort and safety of viewers' homes.

We delivered 12 presentations, 9 educational programs, 2 educational videos, a new outreach video courtesy of Mariotti Visuals, and 3 community displays. Our outreach and educational programs reached over **2,797 viewers**.



CONNECTING THE COMMUNITY



HIGHLIGHTS 2020

- Over **3,380 hours** provided by community volunteers
- **3,245 attendees** in creek programs
- Over **28 media appearances**
- **NEW** designs for creek signage

We connect the community with Junction Creek to develop an increased appreciation for the value of Junction Creek, and promote long-term stewardship. Our programs enhance the Junction Creek Waterway Park trail, encourage citizen participation in activities and events promoting the creek, and foster relationships within the community. Community stewardship is a great way to collectively contribute towards the long-term restoration of the watershed while participating in fun outdoor activities.

I drew a person taking a walk with his dog on the bicycle and a person picking up garbage and another person taking a walk. It's important to the drawing it's good to get fresh air. Also, it's important because we should pick up the garbage because the world is going to die only if we think my like with my dad and my friends around Junction Creek because it's better and there's no cars. It's a peaceful lakes and sometimes we see animals."

-Abigail, 8
Essex St-Dominique
© Recycled Paper Project

ENJOYING Junction Creek

Junction Creek is the central urban waterway of Greater Sudbury. It stretches 52 km, from Garson through Lively.

As you explore the green spaces and trail system along the creek, take a look around you. Enjoy Greater Sudbury's natural beauty.

There are many different ways to connect with Junction Creek and the community. Participate in educational activities and learn about the creek and its inhabitants. Get some exercise by biking along the trails in the summer, or perhaps snowshoeing in the winter. Junction Creek offers a variety of ways to be a part of a happy and healthy lifestyle.

SNOWSHOEING

PHOTOGRAPHY

GUIDED HIKES

BIRDWATCHING

JOGGING

Legend:
— Lake
— Marsh/Fun
— River/Stream
— Junction Creek
— Road
— Junction Creek Watershed

Contact Us
info@junctioncreek.com
<https://junctioncreek.com>

Follow Us on Social Media
[@junctioncreek](#)

In 2020, we offered plastic waste challenges, guided walks, informative events, creek-friendly activities and stewardship projects.

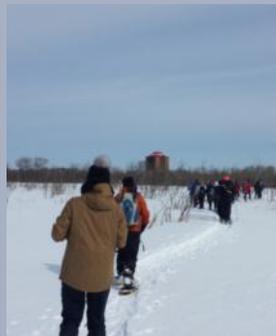
SIGNAGE TO PROMOTE CREEK STEWARDSHIP

A highlight of the year was receiving the **Project Impact Community Grant** for our 'Signage to Promote Creek Stewardship' project. The aim of the project was to develop educational signs along Junction Creek to promote a healthier waterway and community. A total of 7 signs were designed by Laurentian University placement student, Bailey Cohen-Kricheysky. The bilingual signs integrated artwork from local youth and include interesting facts to encourage creek stewardship. The signs are scheduled to be installed in 2021.

JUNCTION CREEK COMMUNITY EVENTS 2020

WINTER WALK

In 2020, we partnered with Rainbow Routes Association to offer a free educational walk exploring the beautiful Ponderosa Wetland - a Provincially Significant Wetland located in the heart of Greater Sudbury. Winter Ecologist Dr. Gerard Courtin and Wetland Ecologist Dr. Peter Beckett guided 38 community members on the walk; identifying animal tracks and local wildlife, describing the various types of snow and the stories they tell, and explaining the important role our urban wetlands play in flood management and water quality.



YELLOW FISH ROAD

Stormwater runoff carries pollutants from paved surfaces into Junction Creek. Trout Unlimited Canada's Yellow Fish Road project was carried out in Ward 8 to raise awareness about the impacts of stormwater pollutants on local water quality. The stewardship committee disseminated **330 informative flyers** around Madison Avenue area and 7 local family members painted yellow fish and "rainwater only" stencils above **44 stormwater drains** in their neighbourhood.



JUNCTION CREEK COMMUNITY EVENTS 2020

The 'Journey to Zero-Waste' event was the first of its kind for Greater Sudbury and attracted 122 attendees. The public information session was co-hosted by the Junction Creek Stewardship Committee, Plastic-Free Greater Sudbury, and Coalition for a Liveable Sudbury with the aim to reduce waste and single-use plastic in Greater Sudbury.

The event had various interactive and informative booths to display the various programs, projects, and resources offered in Greater Sudbury. Participating groups included:

- Sudbury Museums & Library
- City of Greater Sudbury Waste Services
- The Nickel Refillery
- Rethink Green
- Coalition for a Liveable Sudbury
- Canadian Wildlife Federation

A series of short presentations were provided, featuring special guest speakers Grace Runciman from the Canadian Wildlife Federation and social entrepreneur Cameron Stiff who focuses on transforming waste into a resource. A special thank you to the volunteers that helped to make this event a success and to the Canadian Wildlife Federation for their financial support!

FREE PUBLIC INFORMATION SESSION FUN FOR ALL AGES
SNACKS & REFRESHMENTS · DOOR PRIZE



JOURNEY TO ZERO-WASTE
 Reducing plastic & waste in Greater Sudbury

MARCH 4TH
 Living with Lakes Centre (840 Ramsey Lake Rd)
 5:30-8:30PM, presentations @ 6pm and 7pm

An event to share resources and knowledge to inspire positive change

INFORMATIVE DISPLAYS · DIY UP-CYCLING STATION · KID ZONE

Guest Speaker @ 6pm: Grace Runciman
 "Our Plastic Footprint"

Guest Speaker @ 7pm: Cameron Stiff
 "Making the Most of our Waste: Urban Organic Waste Management in the Age of Climate Change"

Carpooling and public transit (Bus 1/3/4) are strongly encouraged, limited parking

PLASTIC-FREE GREATER SUDBURY






For more information please email pledge4sudbury@gmail.com or call (705) 674-1685 ext 102



JUNCTION CREEK FUNDRAISERS 2020 & ONGOING

The 'Beeswax Wrap Workshop' fundraiser was a fun crafting event that provided the supplies and techniques for participants to make their own reusable beeswax food wraps. Not only did the event help raise funds for the restoration of Junction Creek, but it also helped to reduce single-use plastics!

Despite having to postponed the event and adapt it to offer a virtual workshop as well as a smaller-scale in-person workshop, we had **34 participants** and **raised \$680**.

A special thank you for the generous in-kind donations from The Nickel Refillery, The Enchanted Hive, DIY Craftery & Lounge, Giant Tiger, Handmade by Em and Jackson Woodcraft!



BEESWAX WRAP WORKSHOP

A fundraiser to help restore Junction Creek and reduce single-use plastics



JUNCTION CREEK REUSABLE BAGS FUNDRAISER

For a healthier waterway and community! Get yours today at:

- The Nickel Refillery (227 Regent St.)
- Junction Creek Stewardship Committee (B4-30 Ste Anne Rd.)

100% natural cotton



Processed AZO-free with no hazardous chemicals



THANK YOU!



\$10 each
or
5 for \$40



Bag Sponsors:



Peter Beckett Ph.D
Associate Professor
Department of
Biology
Laurentian University

Jorge Virchez Ph.D
Full Professor
School of Northern
Community Studies
(Geography)

Robert Jussila
1124997 Ontario Inc.
Dr. Austin Andrews
Dentist



SUPPORTING COMMUNITY PROGRAMS 2020

The Junction Creek Stewardship Committee welcomes the opportunity to offer local knowledge and collaborate with community programs. We strive to foster relationships, share resources and offer support for projects that align with our initiatives. In addition to ongoing community partnerships and memberships, in 2020 we provided insight and/or opportunities for the following groups and projects:

Atikameksheng Anishnawbek Indigenous Environmental Keepers - intern placement
Cambrian College Business Analytics Program - Capstone Projects
Cambrian College Ecological Restoration Program - Student Placements
City of Greater Sudbury - Community Energy and Emissions Plan (CEEP)
City of Greater Sudbury - Daylighting Junction Creek in Garson
City of Greater Sudbury - Junction Creek Subwatershed Study and Stormwater Master Plan
Coalition for a Liveable Sudbury - Community Pollinator Challenge
Collège Boréal - Student Placement
Fight Climate Change - CCIP Research Project
Great Lakes Marsh Monitoring Program
Green Gathering Meetings
iNaturalist Citizen Science, Greater Sudbury Biodiversity Project
Laurentian University - Student Placements
“Ma-sh-ki-ki-ke: A story of healing, pour nous et pour la terre” - Sudbury2050 Urban Design Ideas Competition
Microplastic Research Study, student project by Adam
Natural Heritage Information Centre
Sudbury Rainbow Crime Stoppers - Litter Dumping Campaign
The Land Between - Turtle Road Researchers
Water Rangers
WWF-Canada - Watershed Reports

We also provided expert advice and recommendations to support a green recovery and the conservation and protection of watersheds, critical habitat features, and species at risk.

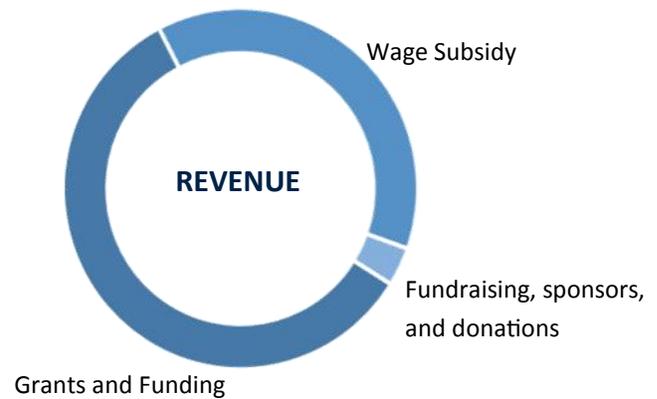


JCSC 2020 Financial Highlights

We are able to minimize our expenses by sharing resources and receiving in-kind support generously provided by local organizations and academic institutions.

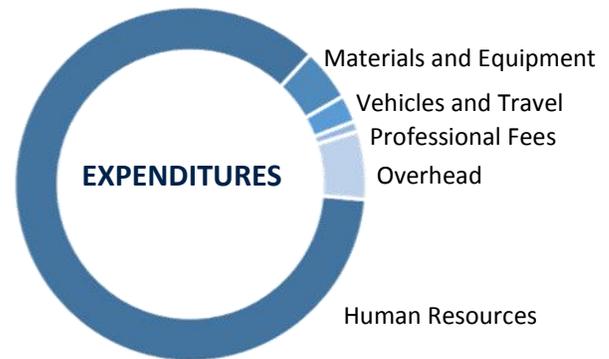
Total Revenue

Category	Revenue
Grants and Funding	\$109,549
Wage Subsidy	\$71,164
Fundraising, sponsors and donations	\$6,511
Total Project Value	\$187,224



Expense Breakdown

Category	Expenses
Human Resources	\$150,097
Materials and Equipment	\$8,393
Vehicles and Travel	\$4,352
Professional Fees	\$1,659
Overhead	\$10,933
Total Project Expenditures	\$175,434



THANK YOU FOR THE SUPPORT!

\$25,000 +

Government of Canada

City of Greater Sudbury

NOHFC

\$10,000 - \$24,999

Vale Canada Ltd.

WWF-Canada

\$1,000 - \$9,999

Nickel District Conservation Foundation

FNX Mining (KGHM)

New Sudbury Centre

\$500 - \$999

Project Impact Community Grant

We welcome donations of all sizes from across the community!

JUNCTION CREEK 2020 PROJECT PARTNERS & SUPPORTERS

92.7 ROCK	Golder Associates	RBC Foundation
Bike Sudbury	Handmade by Em	Real Canadian Superstore
Canadian Wildlife Federation	Jackson Woodcraft	reThink Green
Cambrian College	Junction Creek Members	Science North
City of Greater Sudbury	KGHM International Ltd.	SER Laurentian
CISV Sudbury	King Sportswear	Southview Greenhouse Growers
Coalition for a Liveable Sudbury	Laking Toyota	Space Craft Brewery
Collège Boréal	Laurentian University	STREAM Project
Conservation Sudbury	Mariotti Visuals	Sudbury Horticultural Society
Cooperative Freshwater Ecology Unit	Monarch Recovery Services	Sudbury Naturalist Club
Daniel Campbell	N.A.R. Environmental Consultants	Sudbury Rainbow Crime Stoppers
Design de Plume	New Sudbury Centre	Testmark Laboratories Ltd.
DIY Craftery and Lounge	Nickel District Conservation Foundation	The Enchanted Hive
Duplicators	North American Wraps	The Land Between
Earth Care Sudbury	Northern Wildflower	The Nickel Refillery
Federation of Sisters of St. Joseph	Ontario's Invading Species	Vale Canada Ltd.
Fisher Wavy	Ontario Ministry of Natural Resources and Forestry	Vale Living with Lakes Centre
Friends of Roxborough Greenbelt	Ontario Nature	VETAC
Giant Tiger	Plastic-Free Greater Sudbury	Ward 8 Community Action Network
Greater Sudbury Watershed Alliance	Rainbow Routes Association	WWF-Canada
Greater Sudbury Public Library		<i>And countless community volunteers!</i>

HOW TO BE CREEK-FRIENDLY

Everyone lives in a watershed and has an impact on local water quality. By preventing pollutants from entering Junction Creek, you are helping to create a healthier waterway and community.

Please consider these creek-friendly practices

- Rainwater only down storm drains
- Avoid using pesticides and chemical fertilizers
- Choose non-toxic household products
- Pick up after your pets
- Fix leaks that drip from your vehicle
- Reduce your single-use plastic and waste
- Do not litter and secure loose garbage from blowing away
- When safe to do so, pick up litter as you are walking, jogging and/or bicycling

BE PART OF JUNCTION CREEK'S RESTORATION STORY



- Like and follow us on social media @JunctionCreek
- Join the Junction Creek mailing list to receive email updates and newsletters (*you can unsubscribe at any time*)

- Attend Junction Creek events
- Volunteer 2hrs at a clean-up or tree planting
- Become a Junction Creek Member
- Donate or become a sponsor

Charitable Number: 801685611RR0001



Junction Creek Van, generously donated by Laking Toyota and Design de Plume in 2019



Junction Creek
Stewardship Committee

Comité d'intendance
du ruisseau Junction

(705) 525-8736

info@junctioncreek.com

B4 - 30 Ste Anne Road
Sudbury, ON P3C 5E1

<https://junctioncreek.com>

@JunctionCreek   