

# The Corporation of the City of Sault Ste. Marie Environmental Sustainability Committee Agenda

Monday, November 18, 2024 4:00 pm - 5:30 pm Biggings Room, Civic Centre

Meetings may be viewed live on the City's YouTube channel https://www.youtube.com/c/saultstemarieca

Pages 1. Call to Order 2. Land Acknowledgement I acknowledge, with respect that we are on Robinson-Huron Treaty territory, that the land on which we are gathered is the traditional territory of the Anishinaabe and known as Bawating. Bawating is the home of Garden River First Nation, Batchewana First Nation, the Historic Sault Ste. Marie Metis Council. 3 - 5 3. **Adoption of Minutes** Mover \_\_\_\_\_ Seconder Resolved that Minutes of Environmental Sustainability Committee meeting of October 10, 2024 be approved. **Declaration of Pecuniary Interest** 4. 5. Adoption of Agenda

Resolved that the Agenda for Environmental Sustainability Committee

meeting for November 18, 2024 as presented be approved.

6. CDF Green Initiatives Fund Application Review

Mover \_\_\_\_\_

Seconder

	Mover				
	Seconder Resolved that the Environmental Sustainability Committee supports the request for funding from the CDF Green Initiatives Program for the following Q4 projects and amounts and recommends that Council approves the requests.				
	Algoma University Invasive Species Sign Project				
	<ol> <li>Sault Climate Hub White Pines Little Forest &amp; Eastview PS Outdoor Laboratory \$</li> </ol>				
	<ol> <li>City of Sault Ste. Marie Fire Services Electric Snow Blower Project</li> <li>2.0 \$</li> </ol>				
	City of Sault Ste. Marie Recreation & Culture Electric Lawn Mower Project				
6.1	Algoma University Invasive Species Sign Project	6 - 19			
6.2	Sault Climate Hub White Pines Little Forest & Eastview PS Outdoor Laboratory	20 - 47			
6.3	City of Sault Ste. Marie Fires Services Electric Snow Blower Project 2.0	48 - 65			
6.4	City of Sault Ste. Marie Recreation & Culture Electric Lawn Mower Project	66 - 75			
7.	Terms of Reference Task Force Update	76 - 88			
8.	Staff Update	89 - 95			
9.	Next Meeting				
	Tuesday January 14, 2025, 4:00 – 5:30 PM – Regular Meeting – Hybrid (Inpersonal and virtual)				
10.	Adjournment				
	Mover				
	Seconder Resolved that this Committee now adjourn.				



# The Corporation of the City of Sault Ste. Marie Environmental Sustainability Committee Minutes

Thursday October 18, 2024 4:00 pm Hybrid – Zoom and In-Person

Present: D. Hilsinger, C. Gardi, N. Roubal, A. Riopel, E. Emilson, V.

Prouse

Absent: T. Kern, M. Britton, A. Judge

Officials: E. Cormier

## 1. Call to Order

Meeting was called to order at 4:00 p.m

# 2. Land Acknowledgement

# 3. Adoption of Minutes

Moved by: A. Riopel

Seconded by: E. Emilson

Resolved that Minutes of Environmental Sustainability Committee meeting of October 10, 2024 be approved.

Carried

# 4. Declaration of Pecuniary Interest

# 5. Adoption of Agenda

Moved by: C. Gardi

Seconded by: V. Prouse

Resolved that the Agenda for Environmental Sustainability Committee meeting for October 10, 2024 as presented be approved.

Carried

- 6. CDF Green Initiatives Fund Application Review
  - 6.1 Notre-Dame-du-Sault Hydroponic Tower Garden Project
  - 6.2 FH Clergue Tree and Pollinator Plant Project
  - 6.3 Habitat for Humanity Kitchen Salvage Program Project
  - 6.4 City of Sault Ste. Marie Bike Locker Project

Mover: N. Roubal Seconder: A. Riopel

Resolved that the Environmental Sustainability Committee supports the request for funding from the CDF Green Initiatives Program for the following Q3 projects and amounts and recommends that Council approves the requests.

- 1. Notre-Dame-du-Sault Hydroponic Tower Garden Project \$5,495.40
- 2. FH Clergue Tree and Pollinator Plant Project \$4,124.75
- 3. Habitat for Humanity Kitchen Salvage Program Project \$5,000
- 4. City of Sault Ste. Marie Bike Locker Project \$10,625.29

**Carried** 

- 7. Terms of Reference Task Force Update
- 8. Staff Update
- 9. Next Meeting

Monday November 18, 2024 4:00 – 5:30 PM – Regular Meeting – Hybrid (In-person and virtual)

10. Adjournment

Moved by: A. Riopel Seconded by: T. Prouse

Resolved that this Committee now adjourn.

Carried

Chair

# **CDF – Green Initiatives Program Fund Overview**

# 1.0 Purpose

The purpose of the Green Initiatives Program of the Community Development Fund (CDF) is to support green initiatives that result in improved environmental sustainability in Sault Ste. Marie.

# 2.0 Policy

The City of Sault Ste. Marie's (the City) Environmental Sustainability Committee (ESC) may recommend the allocation of funds for eligible projects or programs that support the City's environmental plans and practices, in particular the reduction of greenhouse gas (GHG) emissions and other community environmental sustainability activities.

Funding applications will be reviewed by the ESC in accordance with the CDF – Green Initiatives Program guidelines and will be recommended to Council for approval.

Total funds available for all projects under the CDF – Green Initiatives Program is \$50,000. This amount will be reviewed on an annual basis.

#### 3.0 Definitions

- 3.1 "Environmental sustainability" means: projects that support reducing our community GHG emissions and reducing pollution, maintaining our natural environment and managing the use of natural resources in a way that ensures their availability for future generations.
- 3.2 "Eligible Applicant" means either a:
  - i. Incorporated Not-for-profit organization
  - ii. Unincorporated organization/collective must be composed of at least 2 members and have been active as a group for at least 1 year
  - iii. Local School or School Group / Committee
  - iv. City of Sault Ste. Marie Department
- "Eligible Project" means any project or activity that demonstrates environmental benefits or improvements and is consistent with City policies, and may include, but is not limited to greenhouse gas (GHG) reduction, improving water quality / rehabilitation, increases energy efficiency, healthy and resilient ecosystems, including habitat restoration active transportation or waste reduction.

#### 3 Processing for Evaluating Proposals

- 4.1 The Community Development and Enterprise Services Department (CD&ES) will provide the resources to support the intake of applications and support the proponent(s) in the development of their proposal.
- 4.2 City Finance and CD&ES will provide recommendations regarding economic resources available and related concerns (e.g., due diligence collaboration, risk management, etc.)
- 4.3 Once an application has been deemed eligible and complete by City staff, applications will be reviewed with the Environmental Sustainability Committee for recommendation to City council.

- 4.4. All requests will be presented to Council in writing with supporting presentations by the applicant, if required. A copy of the application will be included in the Council package, which is public. Any confidential material to support the application should be contained in a separate document and marked confidential.
- 4.5 City Council will make the final decision regarding the approval of financial contributions.
- 4 Accountability, Monitoring and Reporting of Results
  The following will be expected from the successful applicants:
- 5.1 Recognition of the Community Development Fund contribution to the project in reports and appropriate marketing products, including the City logo.
- 5.2 Progress reports for longer duration projects as outlined in their application timetable and proposal to City Council.
- 5.3 A final project report containing an evaluation of the success of the initiative in meeting its goals and key performance targets as well as the benefits to the community is required within 60 days of project completion.
- 5.4 A complete report of all revenues and disbursements for the project within 6 months of completion of the project. The City Finance Department will require supporting financial documentation (e.g. paid invoices, etc.) and has the right to review or audit projects.

The Green Initiatives funds are provided on a re-imbursement basis, i.e., an organization incurs the cost, provides invoices to the City in a claim report and the City's contribution level to the project is then provided. Where other levels of government or other funding programs are involved, the City will receive claim packages as submitted to the other funding agencies and pay their proportional share of approved and eligible project costs.

# **Community Development Fund Application Form**

#### **Green Initiatives Stream**

Before filling out an application, please discuss your project and/or activity with Community Development and Enterprise Services (CD&ES) staff. Contact information is available in Section 7 of the application. Staff will help guide potential applicants through the process and answer any questions regarding the program and application form.

Please fill in each of the following sections:

## Section 1: Intakes

Applications will be accepted quarterly every year and recommended for Council approval by the City's Environmental Sustainability Committee (ESC) at their quarterly meetings. Please select the intake round you wish to apply for funds.

Intake	Submission Period	Application Due	ESC and Council Review	Project Implementation
□ Q1	January 1 – March 31	Last Friday in March of each calendar year	April	After May 1
□ Q2	April 1 – June 30	Last Friday in June of each calendar year	July	After August 1
□ Q3	July 1 – September 30	Last Friday in September of each calendar year	October	After November 1
⊠ Q4	October 1 – October 31	Last Friday in December of each calendar year	January	After February 1

# **Section 2: Applicant Information**

#### Please select which type of organization you represent:

☐ Incorporated Not-for-profit organization
☐ Unincorporated organization/collective – must be composed of at least 2 members and have
been active as a group for at least 1 year
□ Local School or School Group / Committee
☐ City of Sault Ste. Marie (list Department):

Organization/Collection/School/School Group Name: Dept. of Biology & Environmental

Sciences, Algoma University

Address: 1520 Queen St. East, Sault Ste. Marie, P6A 6J8

Phone Number: 705-949-2301 x4358

Contact Name: Brandon Schamp, Chair, Dept. of Biology

Email: brandon.schamp@algomau.ca Phone: 705-949-2301 x 4358

# Names of Organization Officers, Directors & Principals (if applicable):

Dr. Brandon Schamp, Chair, Dept. of Biology & Environmental Sciences

Briefly describe the function or purpose of your organization (e.g. include a short history, mandate, goals and objectives)

The Department of Biology & Environmental Sciences at Algoma University is dedicated to the goal of providing an education in the natural and life sciences and contributing to the broader education of the public on scientific matters. Our academic group currently offers Bachelor's degrees in Biology, Environmental Science, as well as a Master's degree in Biology. We are also interested in public outreach, including projects such as the one set out in this application.

Contributing partners (elaborate on the partner (name), type of partnership (e.g. joint venture, in-kind organization) or proposed collaboration, and provide references):

Our Department will work with Clean North to collect the relevant information on alternative garden plants that can replace the four invasive plant species that are highlighted in this application. Clean North's Grow Me Instead Guide will be an excellent resource for this material. Signs will include a QR Code link to Clean North's online Grow Me Instead Guide, so that interested parties can find even more information on invasive plant species, and have a ready reference to take home with them.

## **Clean North:**

- Bill Cole, Chair
- Abby Ovenchain, Communications

#### **Section 3: Project Information**

Please provide key information about your project including: project description, objectives, performance targets, impacts and limitations of project, methodology and timing (including key dates for progress reports and final report to council)

**Project Description:** Design, produce, and deploy four interpretive signs giving information about four invasive plant species that grow in the forest adjacent to the university.

**Objective:** To inform the public about these invasive species, their presence, prevalence, and spread in our plant communities, the consequences of this spread, best removal methods, and about alternative species that members of the public can use in their place (these invasive species are often sold and grown as garden plants or ground-cover species without the purchaser knowing their propensity for spread and impact on local vegetation).

**Impacts and limitations of project:** The impact is to inform the public about invasive species. Limitations include that this work provides information, but does not directly stop people from buying and planting invasive species.

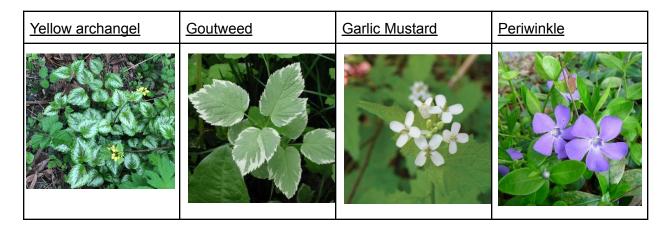
**Methodology and timing:** The signs will be designed through the winter of 2024-25, constructed in the spring of 2025, and deployed in the summer of 2025. A progress report will be sent to the Sault Ste. Marie City Council in summer 2025.

Outline your communication strategy for promoting the project you are seeking GIF for (e.g., press release, social media post, community event, etc.) and any plans to ensure that the project is brought to the attention of the community. Please also include the target audience of your project and anticipated impact (e.g., education, awareness, reduced emissions, water quality improvement)

The project will produce four weather-resistant, information-rich signs that will be placed at the sides of trails, next to areas where each of the four identified invasive species are found growing

prolifically in the forest adjacent to Algoma University (Yellow archangel: Lamium galeobdolon, Goutweed: Aegopodium podagraria, Garlic mustard: Alliaria petiolata, Periwinkle: Vinca minor). Three of these species, Goutweed, Periwinkle, and Yellow Archangel, are frequently planted as groundcover plants; however, they rapidly and extensively spread, greatly reducing the diversity of the areas they grow in by displacing other plant species. The deployment of three of these signs will be along the path that runs through the forest between Algoma University and Florwin drive. This is a well-traveled path, which means the signs are likely to receive considerable attention. In addition to the display signs themselves promoting awareness and alternatives to invasive plant species, we will also:

- 1. Work in collaboration with the City of Sault Ste. Marie to put out a press release explaining the signs and highlighting the funding from the city that supported their creation
- 2. Algoma University Communications will also put out social media posts and tag both Clean North and the City to spread broad awareness of the initiative



**Section 4: Costs and Financing** 

# **Total amount of assistance requested \$3,351.23**

This includes the cost of the research for the sign information, the design of the signs, and the production and installation of the signs.

# **Detailed costs:**

ITEM	Hours	COST	SOURCE
Research	5	\$75/ hour - one professor of plant biology = \$500	In-kind from Algoma University Dept. of Biology
Design & research	60	\$1,500	Audrey Verra - design specialist we have worked with previously - see quote
Construction	N/A	\$1851.23	DOI Compass - see quote
Deployment	2	\$100	In-kind from Algoma University Physical Plant
Total In-kind	7	\$600.00	

Please specify as accurately as possible how the Green Initiatives Fund will be used if approved. Requests for capital purchases or printed material must include a minimum of one quote from a firm/business to provide the service/material.

Members of the Dept. of Biology & Environmental Science will work to generate the information on the four invasive plant species that will be displayed on the signs – this work will be in-kind for this project. We will work with Clean North, who has already produced recommended alternatives for people to plant instead of invasives, to include this information on our signs. We will pay a design consultant to help us produce high-quality, attractive, visually interesting signs. We have used this consultant before to design plaques for a skeleton on display at Algoma University. The consultant, Audrey Verra, has provided a quote. Once the designs are created, DOI (Compass Imaging Group & Sign Systems) will build the four signs. The signs will be built to be free-standing, with a heavy weighted base; this will ensure that no digging is required in a historically sensitive area. Once the signs are completed, and the winter season has passed, we will identify the exact positions for deploying the signs along the trail that bisects the forest and where the specific invasive species are common and visible from the trail.

If you are a City Department, please elaborate on how you plan to use this this request to build a pathway into future operating and/or capital budgets. Please also tie this into the environmental sustainability section of the corporate strategic plan.

N/A

•	r organization currently receive of direct funding?	her financial assistance from the City, either
⊠ No		
If yes, plea	ase specify:	
N/A		
Have you ⊠No	received Green Initiative funding fr	om the City previously?
☐ Yes	☐Amount (\$) e / Description:	
•	the last year received:	(specify year)

If yes, for the last year that the grant was received, append a copy of a Post-Project Report. Please note that applicants can apply more than once a year, providing their last project post-project report has been submitted to and approved by the City. For grants given to assist in capital purchases or printed material, please append an example and/or colour photo of the item(s).

Submit the following required attachments with your application:

- i) Detailed project costs
- ii) Financing arrangements (e.g., equity, loans, etc.) and funding partners
- iii) In-kind contributions

- iv) Balance, Financial Statements, Cash flow projections (historical and projected), where appropriate
- v) Demonstrated need for assistance and supporting documentation and applications to other government assistance programs, etc.

# **Section 5: Environmental Benefits**

Description of how the project achieves environmental sustainability, such as a reduction in GHGs, improvement in water quality, energy efficiency, heathy and resilient ecosystems, including habitat restoration, active transportation and/or waste reduction.

The Algoma University invasive species sign project offers several environmental benefits. Invasive species have a negative impact on biodiversity. Consequently, by raising awareness about invasive species, the signs produced in this project spread information that promotes the conservation of biodiversity by empowering the public with information that allows them to make simple yet important changes to the way they garden. By making the public aware of these invasive species, this project also encourages the general public to contribute to their management through active removal of invasive species from their properties. Therefore, these signs have the potential to reduce the local spread of invasive species, improving the diversity, productivity, and resilience of local ecosystems.

Importantly, evidence has accumulated that more diverse systems are more resilient to disturbances and changes. Thus, by ensuring that our forests remain diverse, we are also increasing their ability to withstand environmental changes that are likely under climate change. For example, a diverse patch of vegetation is more likely to contain some species that are more resilient to drought conditions. This resilience in turn supports other less drought tolerant species (Craven et al. 2018, Anderegg et al. 2024).

Craven, D. and many other authors (including one of the applicants here). 2018. Multiple facets of biodiversity drive the diversity-stability relationship. Nature Ecology and Evolution, 10, 1579-1587.

Anderegg, Martinez-Vilalta, Mencuccini, and Poyatos (2024). **Community assembly influences plant trait economic spectra and functional trade-offs at ecosystem scales**. *Proceedings Of The National Academy Of Sciences Of The United States Of America*, 121(26).

## **Section 6: Community Benefits**

## How does the project compliment other local initiatives?

The Algoma University invasive species sign project complements broader invasive species initiatives undertaken by organizations like the Invasive Species Centre (ISC) and Clean North. The ISC focuses on research, education, and management strategies at a regional or provincial level. Clean North has undertaken extensive work within the community to promote awareness of invasive species and this project builds and expands upon it locally by engaging directly with students and users of the paths and wooded area behind Algoma University. The signs will be leveraged by Professors when conducting outdoor teaching in the woodlot.

## What is the anticipated impact on the community as a whole from your planned project?

The Algoma University Invasive Species sign project aims to raise awareness and increase education about the threats posed by invasive species and to provide the public with the information needed to reduce this threat going forward, and remove these species from their

properties where they may already grow. In this way, the project is intended to empower students and community members to take proactive steps in protecting their local ecosystems.

# If applicable, how does your project plan to increase environmental sustainability education and awareness in our community?

This project is about fostering environmental sustainability education and awareness within the community. Through both the informative signage and outreach efforts the project aims to empower individuals with the knowledge and tools needed to make environmentally friendly responsible decisions. By helping the public recognize common invasive plant species, and by promoting understanding of the impacts of invasive species and the importance of prevention, students and community members can actively participate in conservation efforts, contributing to the long-term health and resilience of local ecosystems.

#### Section 7

I UNDERSTAND that by signing this application, I agree that my project:

- Has a distinct start and end date within the year that the grant is provided.
- Has specific deliverables based on the project.
- · Will benefit the residents of Sault Ste. Marie.

I CERTIFY that to the best of my knowledge, the information provided in the Green Initiatives Program Fund application is accurate and complete and is endorsed by the organization society or City department, which I represent.

DATED in Sault Ste. Marie, this \_\_\_\_\_\_ day of \_\_\_\_\_\_\_, 2024\_

NAME	TITLE	Signature	Phone Number
Dr. Brandon Schamp	Professor of Biology	Bo Sop	705-949-2301 x4358

## PLEASE RETURN THIS FORM AND RELATED SUPPORTING DOCUMENTATION TO:

Tom Vair Deputy CAO, Community Development & Enterprise Services 99 Foster Drive, Second Level Sault Ste. Marie, ON P6A 5X6 Telephone inquiries: (705) 759-5308

Email: t.vair@cityssm.on.ca

# INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED.

#### FOR OFFICE USE ONLY

Application Received By:	Date:	

#### **Collection of Personal Information Notice**

Personal information of the <u>Green Initiative Fund Application</u> is collected under the authority of the Municipal Freedom of Information and Protection of Privacy ACT R.S.O. 1990 m c.M.56 and will be used solely to determine applicable information necessary for application. Questions about this collection should be directed to the address noted in the Competition Outline.

# **Audrey Verra**

107-125 Cambridge Place Sault Ste. Marie, ON P6A6E8 647-888-3303 averra@algomau.ca **QUOTE** 

Date: 10/23/2024

**Invasive Species Scientific Posters** 

CUSTOMER PROJECT

Dr. Brandon Schamp
Professor and Chair, Department of Biology
Algoma University
1520 Queen St E
Sault Ste. Marie, ON
P6A 2G4

DELIVERABLE	QUANTITY	REQUIRED HOURS	RATE PER HOUR	SUBTOTAL
High resolution poster design and research on 4 invasive species:				
<ul> <li>Lesser periwinkle (Vinca minor)</li> <li>Goutweed (Aegopodium podagraria)</li> <li>Garlic mustard (Alliaria petiolata)</li> <li>Yellow archangel (Lamium galeobdolon)</li> </ul>	4	60	\$25	\$1500
Includes: Biology, origin, description, facts, and pictures of each plant				

#### **EXPERIENCE IN RESEARCH AND DESIGN:**

Aquatic Biology Research Assistant | Algoma University | Sault Ste. Marie, ON | 09/2023 - Current

- · Help collate and summarize scientific papers
- Animal Husbandry (fish and leech culture)
- Assist in various projects in lab

Community Ecology Research Assistant | Algoma University | Sault Ste. Marie, ON | 05/2023 – 4/2024

- Help write and publish a scientific paper
- Design scientific posters
- Data entry and management of datasets
- Field work to collect data for experiments

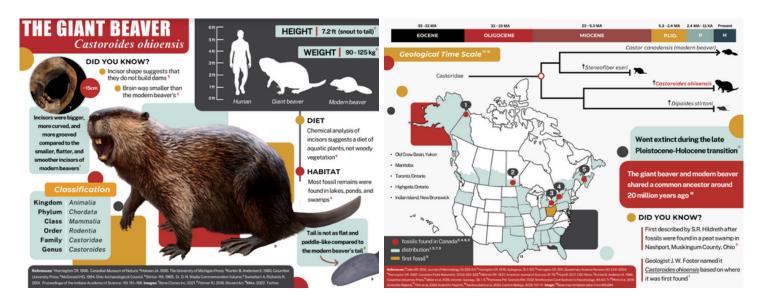
Supervisor | White River Tourist Information Center | White River, ON | 06/2022 - 8/2022

• Design posters for various events for the town festival

#### **SKILLS:**

- Basic Computer Skills including Microsoft Excel and Word
- · Scientific Writing Skills
- Experience in design through various projects
- Communication Skills
- Works well with others but can work independently
- Proficient Time Management

# **EXAMPLE OF PREVIOUS PROJECT:**





**ESTIMATE #30010** 10/11/2024

Prepared By:

Ron Dempster

Compass Imaging Group

Sault Ste Marie, Ontario P6B 5Y8 Canada

Fax:

500 Industrial Cresent

Phone: 705 946 4248

Alt. Phone: 800 461 2139

Email: ron@doiweb.com

Prepared For:

Algoma University 1520 Queen Street East Sault Ste Marie, Ontario P6A 2G4

**Phone:** 705-949-2301x

Fax: 705-949-6583

Alt. Phone: Email:

**Description:** 

**EXTERIOR SIGNAGE** 

**Estimated Time For Production:** 

8 working days

Quantity	Description	Each	Total	Taxable
4	24"X18" MAP SIGN PRINT AND LAMINATE WITH ANTI GRAFFITTI OVERLAMINATE TO 6MM DIBOND, INCLUDES POSTS, HARDWARE AND CEMENT PAD LAYOUT (WITH CLIENT PROVIDED CONTENT)	297.75	\$1,191.00	✓
3	Installation-2 INSTALLERS PER HOUR (Hours)	150.00	\$450.00	✓
		Subtotal	\$1,641.00	
		HST	\$210.23	
		Total	\$1,851.23	

Terms: ALL ARTWORK MUST BE PROVIDED AS FOLLOWS: HI RESOLUTION PDF, TIFF, JPEG (FOR PREPRESS) OR EPS FILE, CONVERTED TO CURVES WITH NO CROP MARKS. ALL SIGN PERMITS ARE THE RESPONSIBILITY OF THE CLIENT

By my signature, I authorize work to begin and agree to pay the above amount in full according to the terms on this agreement.

Signed by Amt. Paid Today **Date** 

# **Audrey Verra**

107-125 Cambridge Place Sault Ste. Marie, ON P6A6E8 647-888-3303 averra@algomau.ca **QUOTE** 

Date: 11/14/2024

**Invasive Species Scientific Posters** 

CUSTOMER PROJECT

Dr. Brandon Schamp
Professor and Chair, Department of Biology
Algoma University
1520 Queen St E
Sault Ste. Marie, ON
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DELIVERABLE	QUANTITY	REQUIRED HOURS	RATE PER HOUR	SUBTOTAL
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Includes: Biology, origin, description, facts, and pictures of each plant				

TOTAL: \$625

#### **EXPERIENCE IN RESEARCH AND DESIGN:**

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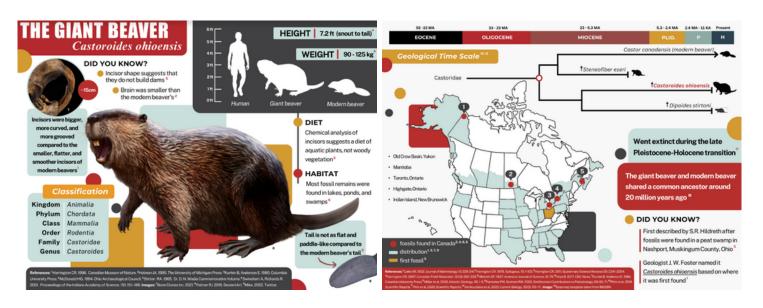
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# **EXAMPLE OF PREVIOUS PROJECT:**



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Community Development Fund

Green Initiatives Stream

- 4.4. All requests will be presented to Council in writing with supporting presentations by the applicant, if required. A copy of the application will be included in the Council package, which is public. Any confidential material to support the application should be contained in a separate document and marked confidential.
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# Community Development Fund Application Form

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Before filling out an application, please discuss your project and/or activity with Community Development and Enterprise Services (CD&ES) staff. Contact information is available in Section 7 of the application. Staff will help guide potential applicants through the process and answer any questions regarding the program and application form.

Please fill in each of the following sections:

#### Section 1: Intakes

Applications will be accepted quarterly every year and recommended for Council approval by the City's Environmental Sustainability Committee (ESC) at their quarterly meetings. Please select the intake round you wish to apply for funds.

Intake	Submission Period	Application Due	ESC and Council Review	Project Implementation
□ Q1	January 1 – March 31	Last Friday in March of each calendar year	April	After May 1
□ Q2	April 1 – June 30	Last Friday in June of each calendar year	July	After August 1
□ Q3	July 1 – September 30	Last Friday in September of each calendar year	October	After November 1
⊠ Q4	October 1 – October 31	Last Friday in October of each calendar year	November	After December

## Section 2: Applicant Information

	type of organization you rep	represent
--	------------------------------	-----------

☐ Incorporated Not-for-profit organization
☑ Unincorporated organization/collective – must be composed of at least 2 members and have
been active as a group for at least 1 year
☐ Local School or School Group / Committee
☐ City of Sault Ste. Marie (list Department):

Organization/Collection/School/School Group Name: Sault Ste. Marie Climate Hub

Address: 30 Curran Drive, Sault Ste. Marie, ON

Phone Number: 705 987-2844 Contact Name: Sandra Trainor Email: <u>sandratrainor1@gmail.com</u>

# Names of Organization Officers, Directors & Principals (if applicable):

- Danielle Hudson Co-Chair
- Ted McPherson Co-Chair
- Carmen Niessen Nelson Secretary
- Sandra Trainor Treasurer/Little Forest Coordinator

Community Development Fund

Green Initiatives Stream

# Briefly describe the function or purpose of your organization (e.g. include a short history, mandate, goals and objectives)

The Sault Climate Hub is a non-partisan group of concerned citizens advancing climate change mitigation and adaptation to align Sault Ste. Marie with scientific, aspirational, and global targets for greenhouse gas emission reductions through action, education, engagement and other activities. The Hub is part of The Climate Reality Project Canada that serves as the Canadian component of a global movement of millions of diverse and dedicated volunteers, from 154 countries around the world.

Contributing partners (elaborate on the partner (name), type of partnership (e.g. joint venture, in-kind organization) or proposed collaboration, and provide references):

Partners for the project include:

- Algoma District School Board joint venture partnership, by providing the land and the opportunity to work with the school community.
- Lisa Keranan Experiential Learning Lead ADSB, Jan Marellli ADSB
- Cole Barban Science Teacher, Environment Lead White Pines C & V.S. Algoma District School Board.
- Kyle Berry Teacher East View P.S.
- James Agnew Teacher East View P.S.
- Among the volunteers for this project, as well as members of the Sault Climate Hub, Dr. Paul Hazlett - Soil Scientist, Dr. Rob Fleming - Forest Scientist and Danielle Hudson - Hydrologist, will be lending their expertise. The teachers are the leads and contacts at each school who will be engaging the students and using the little forests directly in their curriculum in various ways.

# **Section 3: Project Information**

Please provide key information about your project including: project description, objectives, performance targets, impacts and limitations of project, methodology and timing (including key dates for progress reports and final report to council)

For generations, we have accepted turf monoculture in our urban landscapes. By initiating a "Little Forests" project in Sault Ste. Marie, we aim to address key environmental concerns for our city, including repurposing lawns and undeveloped areas that are ecological deserts that do not support native plants, insects, birds or other wildlife. We propose a citizen, and school community-led urban afforestation on Algoma District School Board (ADSB) property by converting unused and underutilized lands owned by the ADSB, by "rewilding" them with native trees and plants.

The establishment of a Little Forest on ADSB property will provide excellent opportunities for student experiential outdoor classroom learning environment within STEM (Science, Technology, Engineering, and Math) disciplines and provide an outdoor forested space for staff and student reflection. Studies show that this kind of nature therapy promotes mental and physical wellness. More specifically, creating a Little Forest on the White Pines property would provide STEM students with hands-on experience in a living laboratory that mirrors our natural forest environment. Students can participate in real-world tasks related to forestry, environmental science, and conservation careers. Activities such as forest and biodiversity monitoring, field data collection, and climate change research would allow them to use equipment relevant to these fields, including hydrometers, clinometers, and data management programs. Additionally,

establishing this forest within walking distance of our school greenhouse would enhance teachers' ability to connect the curriculum to experiential learning. This could include studies on the conservation of Canada's natural resources in geography, the types of trees used as lumber in construction, or plant development in environmental science and biology. Overall, this initiative would have a significant positive impact on education.

Little Forests are collaborations between plants, soil, organisms, climate, geology, land and people. They're an approach to rapidly regenerating Indigenous forests: human communities who help the land remember (decolonize the land) by restoring deforested land to the layered and diverse Indigenous Forest communities that once covered this land. Drawing inspiration from nature, our approach to planting forests introduces all the elements present in a healthy forest ecosystem — from the canopy of the tallest trees down to the underground city populating the soil, and all layers in between. We plant forests, not just trees.

Little Forests promotes a shift from planting trees from ornamental landscapes to planting forests as flourishing, biodiverse, Indigenous ecosystems. The approach is inspired by Dr. Akira Miyawaki, who has overseen the planting of more than 30 million trees in over 1,600 locations around the world. Miyawaki's method condenses the typical time it takes to create a forest from 150 years into 15-20 years. Little Forests Kingston has been undertaking this method successfully and there are several other cities in Ontario who are interested in following their example. https://littleforests.org/

PHASE ONE - Our objective for 2025, is to begin preparing the ground at **White Pines Secondary School** in collaboration with the Algoma District School Board, in May, 2025 with active participation of the school community.

PHASE TWO - By the Spring of 2026, the soil will be ready for planting. Partner volunteers will participate in the project from start to finish. By partnering with the ADSB, there is an excellent opportunity to incorporate Experiential Learning with the students during all phases.

Over the next 2-3 years, select stewards of the White Pines Little Forest will be tasked with maintaining the new plantings, until they are well established and thriving.

The core Sault Climate Hub Little Forest group evaluates the success of the project and reports to council after its first year, and because there has been enthusiastic buy in from this school community, we decided to go ahead and start a second location at White Pines Secondary School on property owned by the ADSB.

The first phase (preparing the soil for the forest floor) will be completed by May-June 2025. The reason for the two phases, is that the layers of the components (hay, compost, wood mulch,) added on top of the turf, need time to degrade and breakdown in order to provide best conditions for planting.

A report to council for this phase will take place well before the end of 2025.

Phase two will consist of tree planting in spring 2026. We will proactively order trees in fall 2025 to ensure we have sufficient stock. Another funding application will follow for phase 2. **OR** funding may be come from another source, as has happened with the <u>East View location</u> where *Your Neighbourhood Credit Union* has pledged to donate funds for purchase of the trees and plant material.

We will divide the site into two forest types with tree and plant species representing a "Native Forest", and a "Climate Change Adaptation Forest".

Final details will be made in conjunction with the ADSB. (Note, at the request of the ADSB, we will not be adding the "food forest" component to the little forest as it may attract bears once the trees start producing fruit. We have decided to increase the "climate change adaptation forest" instead.)

In addition to preparing the soil for planting and asking for funds for this task, we are also asking for funds to start a "Little Forests – Outdoor Laboratory Arm" to compliment the above ask.

Through conversations between SCH members and teachers at the Little Forest sites, we've determined that there is significant interest and value in building a community science component into the Little Forests project.

SCH members have the scientific expertise to guide teachers in installation of science equipment, collecting data and testing student-led hypotheses. Teachers bring their knowledge of curriculum connections and age-appropriate projects. Through this collaboration we can expand our Little Forests into 'living outdoor laboratories' for the school sites.

Our goal is to give students hands on learning opportunities with their Little Forest. We aim to inspire students to gather data and learn about the ecosystems in their own school yard, and potentially inspire the next generation of environmental scientists.

To provide an example, students at East View Public School are planning to collect soil moisture and rainfall data and use that information to tell them when the newly planted trees need to be watered.

Students at White Pines Collegiate and Vocational School will use similar equipment and apply it to higher level questions about climate change, tree planting as a nature-based climate solution, and flood risk mitigation.

As students move from elementary schools like East View, to high schools like White Pines, they will be able to continue their learning with the Little Forests and the types of scientific questions they can ask will grow along with the students and the trees!

Outline your communication strategy for promoting the project you are seeking GIF for (e.g., press release, social media post, community event, etc.) and any plans to ensure that the project is brought to the attention of the community. Please also include the target audience of your project and anticipated impact (e.g., education, awareness, reduced emissions, water quality improvement)

Our communication strategy is as follows:

- Appoint a spokesperson(s) for the Little Forests SSM project in collaboration with the ADSB.
- Write and distribute a press release outlining the project and the purpose for it, including funding sources
- Create social media graphics and text for the Little Forest SSM pilot project and distribute to partners for their own channels.

- Interpretative panels will be installed at the site describing the project and partners participating.
- Repeat sending out press releases and social media posts throughout the project.
- The target audience for the project is the general public, including home and property owners, and in particular young people and students.
- Our anticipated impact for the pilot project is education and awareness, along with hands-on learning opportunities for students. There could also be a calculation on reduction of emissions by no longer needing to use lawn equipment to maintain the area.

# **Section 4: Costs and Financing**

Total amount of assistance requested: \$11,233.97

Please specify as accurately as possible how the Green Initiatives Fund will be used if approved. Requests for capital purchases or printed material must include a minimum of one quote from a firm/business to provide the service/material.

We are applying for funding for PHASE ONE, plus funding for an outdoor laboratory portion of this project in this funding application for both East View and White Pines schools.

**PREPARING THE SOIL** (Forest Floor) - **300** square metres. (Based on the costs for the East View plot, which is 200 sq/m, we have come up with the costs for the White Pines plot – at 300 sq/m)

1st layer – round hay bales - 4-6 " depth - quantity 4 - cost \$65 /bale = \$260.00 + delivery \$150 = \$410.00 (verbal quote from Farmer, Dr. Keith Good on Government Rd, Desbarats)

2nd layer - compost/manure - 1" depth - 14 yards - \$40/yd = \$560 + delivery \$150 = \$710 (verbal quote from Matt Jerrell, 234 Watson Rd. Echo Bay)

**3rd layer** - mulch/wood chips - 4-6" depth - 50 cubic yards - cost  $$59 \times 50 = $2,950 + delivery $160 = 3,110.00 + tax = $3514.30 (Ideal Landscaping)$ 

Wooden sign cover structure materials cost (lumber, hardware, cement) - \$574.90 + tax = \$649.63

Labour costs to build sign structure by carpenter - \$520

Interpretive sign - \$528.12 + tax = \$596.77 – Laird Signs Designs

Total budget request for Phase one - \$6,400.71

# **Outdoor Laboratory Arm**

Total sensor and data logger quote (will attach official quote) = \$2730.51

Soil moisture sensor x4: https://www.onsetcomp.com/products/sensors/s-smc-m005

Soil temperature sensors x2: <a href="https://www.onsetcomp.com/products/sensors/s-tmb-m0xx">https://www.onsetcomp.com/products/sensors/s-tmb-m0xx</a>

Data logger x2: https://www.onsetcomp.com/products/data-loggers/h21-usb

Kestrel weather station x2 = \$1840

Source: https://kestrelinstruments.com/category-kestrel-advanced/kestrel-5500-weather-meter

# Precipitation collector and graduated cylinder

We will build the precipitation collectors ourselves so there's no official quote but this is the price breakdown.

X 1 PVC pipe = \$33.90

https://www.homedepot.ca/product/ipex-ecolotube-4-inch-x-10-feet-pvc-sewer-solid-pipe/1000421825

x 2 Nalgene sample bottle = \$33.90

https://nalgene.ca/products/32oz-wide-mouth-hdpe-uvpe-water-bottles

4 pack of funnels = \$62

https://www.fishersci.ca/shop/products/long-stem-analytical-funnels/p-130281#?keyword=

x 2 graduated cylinder = \$33.90

https://www.amazon.ca/100ml-Plastic-Graduated-Cylinder-

Beaker/dp/B0728C224F?crid=7LEC6YDX93OH&dib=eyJ2IjoiMSJ9.Q3abkgZR9OmyVtParX4B

R5h1JN5zUofnbdB72DZw6BZ2boBksPytDGCQGPxKnzLQmZZ0

Zs-cis8UOJY1sRONyZzc-ISGUGGPTyqdgiKqUf-

<u>UgBDyvSwnecnhy</u> B6rqsfr38hap6HTuVm7aijeP9TOzoYCXCOdpBPerq-Wp-

<u>BeLuuCsBzbvKCta-fy</u> 17qDejuugh2xj-8eHRd-oEyNl9D-IHILACBkDnrZVBJLRNCA2ONu-VX DvlxV-

<u>I\_v36xisHXtbn\_JuklfHMiQQoo5Q7VrVvcNlQqOHA5akg\_1zkoc.2Inyaumld3hcbOOWrnIR0kTcJ5</u> 3DNG\_g\_XHKoOfk-

<u>&dib\_tag=se&keywords=100%2Bml%2Bgraduated%2Bcylinder&qid=1730384796&sprefix=100%2BmL%2Bgraduated%2Caps%2C178&sr=8-6&th=1</u>

### Snow survey equipment

Plastic meter sticks x2 = \$17.70

https://www.flinnsci.ca/meter-stick-plastic/ap5383/#variantDetails

X 2 cords for downloading data = \$22.60

https://www.amazon.ca/AmazonBasics-USB-2-0-Cable-

<u>Male/dp/B00NH13S44?crid=2EJJRXCL255ND&dib=eyJ2IjoiMSJ9.VLuLxnbeX0qYKMQDQoMgz8GbOVjN9yZ1CxRLMDVIXSiPzZj-XWRSyOMrPmBWpEmuPOuA</u>HJD-

n1j4xmzkgJkzXhlnKuQBCEbqAOC7p86FfsblMTxolF79amNY3VROMS5aeDMX2MRt1uqNjwCjGO-FWBLjXlefGcawYqmqku-G54q2htSG1DFxuxy0grZle287s-3CEPV0cSbpdBPy0DvZPQx-K-

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m f GZRdZVtQ5F9ILcfWiEN6OZwul 8foLHIBT Qat3w ogCJFBVoCQpBUmTU.W sOc2CgoQ RdkzOBNq4au814NjLKrqOhGH4JT lxo3l&dib tag=se&keywords=mini+usb+to+regular+usb&qi d=1730385149&sprefix=mini+usb+to+regular+us%2Caps%2C219&sr=8-5

x 1 - 12 pack of AA lithium batteries = \$58.75

https://www.amazon.ca/Energizer-Ultimate-Lithium-Battery-

Super/dp/B0044P3J2I?crid=39YU4JR74MV60&dib=eyJ2IjoiMSJ9.EgHsGjHpCxGuQBlroosnX3 1f79S-7JvU DqtWcslmTie4ZcoAlSysAKX2ljzgOESlyX-keZsAx6

<u>UERXDENQmnKeri8yK2bvrb60JevJbrlKUpul2FY8nybfFUYKe9kWYE6dPAhmpkgLug1x4OH4kF6UzetZlGFkYIO7PX88JYmZGMr1i54S-hJp\_vEHLLGiMQ8aE6eMZrAw5jdvmBCOoahz9rh-wMfG52Hh8ABZ3HGQ\_rkBSKI</u>

UZo4fjbOtUKWjh6J-5SnKKI1k5sO6mL-

RAAfeYjldgn76QfMkGLUE4r0.QRY3MC93\_jpdpllqhdq0DX20zsWrtPnmesjuls9Nl\_4&dib\_tag=s\_e&keywords=AA+lithium+batteries+energizer&qid=1730385220&sprefix=aa+lithium+batteries+energizer%2Caps%2C184&sr=8-5

#### In-Kind

Software for downloading data = \$0 (free)

Photography stand to track growth of trees through time, will use scrap and free material = \$0

Budget Request Total: \$4,833.26 for Outdoor Laboratory for little forests.

All values are totals and include Tax and shipping. This is a total value for equipment and materials for both East View and White Pines schools.

#### Total funds requested: \$11,233.97

If you are a City Department, please elaborate on how you plan to use this this request to build a pathway into future operating and/or capital budgets. Please also tie this into the environmental sustainability section of the corporate strategic plan.

N/A	
	rganization currently receive other financial assistance from the City, either
☐ Yes	
⊠ No	
If yes, please	e specify:
N/A	
Have you red	ceived Green Initiative funding from the City previously?
⊠Yes	⊠Amount (\$) <u>5,280.44</u>

**Project Title / Description**: Pilot Little Forest project at East View Public School. See attached post-grant report.

# What was the last year received: 2024 (specify year)

If yes, for the last year that the grant was received, append a copy of a Post-Project Report. Please note that applicants can apply more than once a year, providing their last project post-project report has been submitted to and approved by the City. For grants given to assist in capital purchases or printed material, please append an example and/or colour photo of the item(s).

Submit the following required attachments with your application:

- i) Detailed project costs
- ii) Financing arrangements (e.g., equity, loans, etc.) and funding partners
- iii) In-kind contributions
- iv) Balance, Financial Statements, Cash flow projections (historical and projected), where appropriate
- v) Demonstrated need for assistance and supporting documentation and applications to other government assistance programs, etc.

#### **Section 5: Environmental Benefits**

Description of how the project achieves environmental sustainability, such as a reduction in GHGs, improvement in water quality, energy efficiency, heathy and resilient ecosystems, including habitat restoration, active transportation and/or waste reduction.

We believe that by rewilding these dead spaces in school yards, it will not only beautify the neighbourhoods with native plantings, it will decrease the greenhouse gas pollution emitted by lawn maintenance equipment when ADSB staff cut and trim the grass in these areas on a regular schedule throughout the season.

This initiative will connect children and other people to nature and at the same time, sequester carbon, contribute to urban cooling, water regulation and biodiversity.

With this project we are striving to plant 218 trees on a single plot of land, all of which will directly sequester greenhouse gas emissions from the atmosphere as they grow. Furthermore, by taking a sufficient amount of time to prepare our site in Phase 1 we are improving the chances of tree survival and we are also improving soil quality, both of which will support ecosystem resilience.

By improving soil quality and increasing vegetation cover on this plot of land (and all future Little Forests) we will improve water infiltration and reduce stormwater and snowmelt runoff. Finally, a significant ecosystem service of forests is their ability to improve water quality. Healthy soils filter out contaminants such as heavy metals and pesticides, and forest cover reduces erosion and subsequent sediment inputs into local waterways.

# Carbon sequestration:

One tree absorbs or sequesters between 10 - 40 kg of carbon per year. In this project, there will be approx 218 canopy trees planted which equals to approx 2,180 – 8,720 kg of carbon absorbed. This number does not include understory trees and brush, nor does it include the carbon absorbed by the soil. Source: <a href="https://ecotree.green/en/how-much-co2-does-a-tree-absorb">https://ecotree.green/en/how-much-co2-does-a-tree-absorb</a>

## **Section 6: Community Benefits**

# How does the project compliment other local initiatives?

The Little Forest project directly aligns with the City's Community Greenhouse Gas Reduction Plan by implementing nature-based solutions to mitigate climate change impacts. By creating small pockets of green space within urban environments, the Little Forest project promotes carbon sequestration, reduces heat island effects, and enhances biodiversity. Through the planting of trees, shrubs, and native vegetation, the project helps absorb carbon dioxide from the atmosphere, thereby offsetting greenhouse gas emissions. Overall, the Little Forest project contributes to the City's goals of reducing greenhouse gas emissions and building resilient, sustainable communities.

This project also compliments the recently introduced "Blooming Boulevard Bylaw" initiative because either or both types of plantings in areas of the city that are currently ecological deserts will create a network of vital refuges for native plants, pollinators and wildlife.

# What is the anticipated impact on the community as a whole from your planned project?

We believe that this project initiative, when promoted well, will also encourage private property owners and homeowners to look at their own carbon footprint and inspire them to duplicate this idea because it's doable and inclusive.

Little Forest project started at East View P.S. in 2024, has already been the catalyst for more forest planting/rewilding projects throughout the City and surrounding areas. White Pines Secondary School has been very keen to have their own, even bigger, Little Forest at their location to also use it as a real life, natural learning opportunity.

# If applicable, how does your project plan to increase environmental sustainability education and awareness in our community?

This joint project between the Sault Climate Hub and the ADSB provides a multitude of opportunities for environmental sustainability education as students will be involved throughout the Little Forest establishment and growth. The Little Forest will provide an outdoor classroom to build on concepts including but not limited to: soil and plant biology, forest species and growth, ecosystem function, food systems, natural resource management, the global carbon cycle and climate change. With the added outdoor laboratory and scientific equipment, it will give both schools the tools to teach even more. These tools which will be owned by Sault Climate Hub, can and will be shared with other schools who want to duplicate this experience.

#### Section 7

I UNDERSTAND that by signing this application, I agree that my project:

- Has a distinct start and end date within the year that the grant is provided.
- · Has specific deliverables based on the project.
- Will benefit the residents of Sault Ste. Marie.
- City of Sault Ste. Marie property held by the organization must have a current and up-to-date tax payments upon the City's receipt of application. Through the grant period, tax payments must be maintained and up-to-date. Organizations whose property taxes are in arrears will not be considered for this program. Organizations who default on their property taxes through the grant period will not receive any payment from the City of Sault Ste. Marie, and the grant agreement may be terminated immediately.

I CERTIFY that to the best of my knowledge, the information provided in the Green Initiatives Program Fund application is accurate and complete and is endorsed by the organization society or City department, which I represent.

DATED in Sault Ste. Marie, this 7th day of November, 2024

NAME	Title	Signature	Phone
Number		_	
Sandra Trainor	Volunteer with Sault Climate Hub		705 987-2844

# PLEASE RETURN THIS FORM AND RELATED SUPPORTING DOCUMENTATION TO:

Emily Cormier Sustainability Coordinator, Community Development & Enterprise Services 99 Foster Drive, Level 1 Sault Ste. Marie, ON P6A 5X6

Community Development Fund

Green Initiatives Stream

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DATED in Sault Ste. Marie, this 7th day of November, 2024

NAME

Title

**Signature** 

Phone

Number

Sandra Trainor

Volunteer with Sault Climate Hub

,705 987-2844

# PLEASE RETURN THIS FORM AND RELATED SUPPORTING DOCUMENTATION TO:

Emily Cormier Sustainability Coordinator, Community Development & Enterprise Services 99 Foster Drive, Level 1 Sault Ste. Marie, ON P6A 5X6

Community Development Fund

Green Initiatives Stream

Telephone inquiries: (705) 989-8748 Email: e.cormier2@cityssm.on.ca

# INCOMPLETE APPLICATIONS WILL NOT BE CONSIDRED.

FOR OFFICE USE ONLY

Application Received By: Emil Comie Date: 3024 11 08

## **Collection of Personal Information Notice**

Personal information of the <u>Green Initiative Fund Application</u> is collected under the authority of the Municipal Freedom of Information and Protection of Privacy ACT R.S.O. 1990 m c.M.56 and will be used solely to determine applicable information necessary for application. Questions about this collection should be directed to the address noted in the Competition Outline.

Line No.	Item	Unit Cost Un	it S	ubtotal	Delivery	HST	Total	Qu	ote	
	Little Forest	Olik Gook   Gli	10	ubtotui	Denvery	1101	roun	190	olo	
1	Round Hay Bales	\$ 65.00	4 \$	260.00	\$ 150.00	\$ -	\$ 4	410.00 Ve	rbal quote received	
2	Manure	\$ 40.00	14 \$	560.00	\$ 150.00	\$ -	\$ 7	710.00 Ve	rbal quote received	
3	Mulch/Wood Chips	\$ 50.00	59 \$	2,950.00	\$ 160.00	\$ 404.30	\$ 3,5	514.30 Se	e attached	
4	Wooden sign (lumber, hardware, cement)	\$ 574.90	1 \$	574.90	S -	\$ 74.74	\$ 6	649.64 Se	e attached	
5	Carpentry Costs	\$ 520.00	1 \$	520.00	\$ -	\$ -	\$ 5	520.00 Se	e attached	
6	Interpetive Sign	\$ 528.12	1 \$	528.12	\$ -	\$ 68.66	\$ 5	596.78 Se	e attached	
						Tota	ıl \$ 6,4	400.71	·	
East View a	nd White Pines Outdoor Laboratory *All prices	include tax and sh								
7	Sensor and Data Loggers			2,416.38	\$ -	\$ 314.13		730.51 Se		
8	Kestral Weather Station		2 \$	-		\$ -	\$ 1,8	840.00 http	os://kestrelinstruments.com/category-kestrel-advanced/kestrel-5	500-weather-meter
	Precipitation Collector and and graduated cy	linder								
	1 x PVC pipe		1 \$	- 8		\$ -			os://www.homedepot.ca/product/ipex-ecolotube-4-inch-x-10-feet	
9	2 x Nalgene sample bottles		2 \$	-		\$ -			tps://nalgene.ca/products/32oz-wide-mouth-hdpe-uvpe-water-bo	
	4 pack of funnels		1						os://www.fishersci.ca/shop/products/long-stem-analytical-funnel	
	2 x granulated cylinder		2				\$	33.90 http	os://www.amazon.ca/100ml-Plastic-Graduated-Cylinder-Beaker/	(dp/B0728C224F?crid=7LEC6YDX93OH&dib=eyJ2ljoiMSJ9.Q3abkgZR9OmyVtParX4BR5h1JN5zUofnbdB72DZw6BZ2boBksPytDGCOGPxKnzLOmZZ0Zs-cis8UOJY1sROI
Snow surve	y equipment									
10	Plastic Metre Sticks		2 5			s -	s	17.70 htt	ps://www.flinnsci.ca/meter-stick-plastic/ap5383/#variantDet	ails
11	2 x cords for donwloading		2 \$			\$ -	\$	22.60 http	os://www.amazon.ca/AmazonBasics-USB-2-0-Cable-Male/dp/B0	00NH13S44?crid=2EJJRXCL255ND&dib=eyJ2ljoiMSJ9.VLuLxnbeX0qYKMQDQoMgz8GbOVjN9yZ1CxRLMDVlXSiPzZj-XWRSyOMrPmBWpE_muPOuAHJD-n1j4xmzkgJk;
12	12 pack of AA lithium batteries		1 \$	-		\$ -	\$	58.75 http	os://www.amazon.ca/Energizer-Ultimate-Lithium-Battery-Super/o	dp/B0044P3J2l?crid=39YU4JR74MV60&dib=eyJ2ljoiMSJ9.EgHsGjHpCxGuQBIroosnX31f79S-7JvU_DqtWcsImTie4ZcoAlSysAKX2ljzgOESlyX-keZsAx6_UERXDENQmnKe
In Kind			•							
13	Software for downloading data (Free)						\$			
14	Photography stand to track growth of trees through	gh time, will use scra	ap and free	materials			\$	-		
	*									
						Total	\$ 4.8	833.26		
						1	1 7			
			TOT	TAL PROJE	CT COSTS /	REQUESTS	8 \$ 11 2	233 97		
			101	AL I KOJE	.01 003137	NEWDEST	2,11 ب س	233.31		

# Little Forests – Outdoor Laboratory Arm

- Through conversations between SCH members and teachers at Little Forest sites, we've determined that there is significant interest and value in building a community science component into the Little Forests project.
- SCH members have the scientific expertise to guide teachers in installation of science equipment, collecting data and testing student-led hypotheses. Teachers bring their knowledge of curriculum connections and age-appropriate projects. Through this collaboration we can expand our Little Forests into 'living outdoor laboratories' for the school sites.
- Our goal is to give students hands on learning opportunities with their Little Forest. We aim to inspire students to gather data and learn about the ecosystems in their own school yard, and potentially inspire the next generation of environmental scientists.
- To provide an example, students at East View Public School are planning to collect soil moisture and rainfall data and use that information to tell them when the newly planted trees need to be watered. Students at White Pines Collegiate and Vocational School will use similar equipment and apply it to students at White Pines Collegiate and Vocational School will use similar equipment and apply it to higher level questions about climate change, tree planting as a nature-based climate solution, and flood risk mitigation.
- As students move from elementary schools like East View, to high schools like White Pines, they will be able to continue their learning with the Little Forests and the types of scientific questions they can ask will grow along with the students and the trees!



# Connections to bigger picture concepts

- Are we having to water the trees more or less as the climate changes?
- Are rainfall trends changing? Are snow trends changing?
- How does tree planting act as a nature-based climate solution? Can the trees mitigate changes in water availability and changes in temperature?
- How do trees help schools and communities adapt to climate changes?
- How can trees mitigate the urban heat island effect? Why are trees beneficial to have in urban centres?
- Consider how knowledge about the soil moisture and tree water stress, or lack thereof, plays a role in how vulnerable these trees are to wildfire
- How can tree planting reduce flood risk? But can tree planting increase drought risk because they are using water?
- Do we need to think about where exactly we plant trees, from a water perspective?

# Research Question Starting Points

- Monitor soil moisture data
- When do the trees need to be watered?
- What happens to the soil moisture after rainfall?
- How does soil moisture differ at different soil depths, does that make sense? How much rainfall is needed to cause soil moisture to increase? How about at different soil depths?
- Monitor rainfall with a manual rain gauge
- Go out after each rain event and note the amount of precipitation, or go out weekly etc.
- Monitor snow accumulation
- Use manual measurements to measure snow depth and snow density
- How does snow accumulation differ between the forested site and a non-forested site somewhere else in the school yard? Within the little forest site, consider snow accumulation before/after tree planting.
- Monitor soil temperature data
- How does soil temperature differ at different soil depths?
- How does soil temperature differ between area planted with trees and bare, open area?
- Also use sensors from the climate action kit and compare data & results



# Learning Opportunities

- Installation of scientific equipment & develop scientific methods
- Learn how to install soil sensors and data logger, rain gauge, and snow stakes
- Decide how often they want to measure and download the data
- Decide on their 'research questions' and their hypotheses
- Decide on what data and information they need to test their hypotheses
- Data collection and monitoring
- Download the data loggers at a frequency the students decide on, maintain sites by ensuring memory isn't full and
- Measure the amount of water in the rain gauge after each event, or weekly, however they decide when developing their methods. Maintain the rain gauge. Record manual measurements and observations in a useful manner. batteries remain full.
- Go out and measure snow depth and collect snow samples for snow density measurements. Again, at frequency they decide on above. Record manual measurements and observations in a useful manner.
- Data analysis & draw some initial conclusions
- Use basic coding and/or Excel software to look at the data, consider if there are any possible errors and remove those
- Could access continuous rain data from Sault airport for additional information if desired
- Graph the different data sources
- Perform basic statistics to try and answer their research questions and test their hypotheses, draw some conclusions
- Note: this can of course all be tailored by the teacher for the grade level of interest





The Corporation of the City of Sault Ste. Marie 99 Foster Drive, Sault Ste. Marie, Ontario P6A 5X6 saultstemarie.ca | 705.759.2500 | info@cityssm.on.ca

## **Post Grant Report**

The purpose of the Post Grant Report is to provide accountability to the City of Sault Ste. Marie for the financial assistance that was received.

Date of Grant: May 13, 2024						
Amount: \$5,280.44		-				
Or In-Kind Service Provided:						
Type of Grant: Cultural/Arts Organ Sports Organization Other						
Purpose of Grant as per original application: The purpose of the grant was to help fund phase one of a little forest initiative at East View Public School. We have started to prepare the ground/forest floor by spreading down hay, composted manure and wood chips. These layers will interact with micro-organisms over the next several months and create ideal growing conditions for planting native trees and shrubs Did the use of the Grant deviate from original purpose? If so, please explain what grant was used for.						
No, the grant did not deviate from the original Please provide details how the grant affected						
The grant was instrumental in getting the Little Forest at East View Public School started. If it wasn't for the Green Initiatives Program grant, we would not have been able to purchase the materials for phase one of preparing the forest floor or make the interpretive signage that will be erected at the site. The students were able to participate in spreading the materials and received a lesson inside and outside of the classroom. If grant was for a one-time event, please provide a summary of expenditure and copies of invoices supporting the grant amount.						
Name: Sandra Trainor	Title:	Sault Climate Hub Little Forest Coordinator				
Signature:	Date:	July 11, 2024				
Name: Danielle Hudson	Title:	Co-Chair, Sault Climate Hub				
Signature:	Date:	July 11, 2024				

Corporate Services - Finance: Revised August 02, 2016

<sup>\*</sup> A Post Grant Report must be submitted no later than <u>September 1st</u> for financial assistance that was received in the current year, if applicable. No further grants will be awarded until Post Grant Report is received.



594 Second Line East Sault Ste. Marie, ON P6B 4K1 Phone: 705-759-5101 Fax: 705-759-9029 GST #: 818951907

3478 Hwy 17B, PO Box 100 Echo Bay, ON POS 1C0 Phone: 705-248-2931 Fax: 705-248-1641 GST #: 876793027

68 Main St, RR 2 Bruce Mines, ON POR 1C0 Phone: 705-785-3471 Fax: 705-785-3351 GST #: 100671478

HST #818951907

10/07/24 12:22 01

CASH

CASH

S-3 P-84 A-1

> W-27 C-1

P-1

CUST#:

.000C DEL DATE:10/07/24

TERMS: NET - CASH

FROM: T 5054187

L#	QTY	DESCRIPTION	CATALOG		UNITS	PRICE	AMOUNT
1	6 CEME	NT, FENCE+POST 30KG	2622335	A	6	11.49 EA	68.94

Forust @ East Visco



PAID BY: DEBIT

77.90

SUBTOTAL

68.94

SAULT STE. MARIE

MON-FRI 8:00-6:00

SAT 8:00 - 5:00 SUN 10:00 - 5:00

H.S.T. 8.96 TOTAL 77.90

Account due and payable 20th of month following invoice date. If not paid in full by the end of the month, a finance charge of 2% per month, 26.82% per annum will be added to your account.

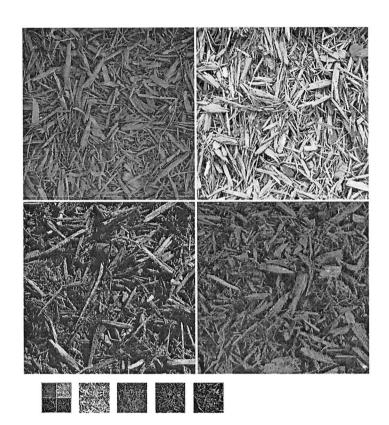
RECEIVED BY

SIGN:

D

PRINT:

Cliffe Printing Inc.



Mulch helps create a barrier for weeds, deters certain parasites and animals, and cleans up the look of your garden and landscaping!

## **Bulk Mulch**

## C\$59.00

Excluding Sales Tax

Mulch Type

Select

Quantity

1

## Add to Cart

## DELIVERY INFO

We will contact you within one business day to confirm the delivery date and time. Spring is our busy season so we appreciate your understanding!

@ f w 0



## Sandra Trainor <sandratrainor1@gmail.com>

## Sault climate hub little forest project sign

1 message

Mike Morris <mikeitright1@gmail.com>
To: Sandra Trainor <sandratrainor1@gmail.com>

Thu, Jul 11, 2024 at 5:09 PM

Mike It Right
Sault climate hub little forest project sign construction
Labor costs and shop supplies
\$520.00

Paid cash by Sandra Trainor 2024/ 07/11 to Mike Morris



594 Second Line East Sault Ste. Marie, ON P6B 4K1 Phone: 705-759-5101 Fax: 705-759-9029 GST #: 818951907

3478 Hwy 17B, PO Box 100 Echo Bay, ON POS 1C0 Phone: 705-248-2931 Fax: 705-248-1641 GST #: 876793027

68 Main St, RR 2 Bruce Mines, ON POR 1C0 Phone: 705-785-3471 Fax: 705-785-3351

11:49

GST #: 100671478

CASH SALE

07/08/24 HST 100671478

CASH

P-59 A-1 W-34 C-1 P-1

S-

01

2

CUST#:

.000C DEL DATE:07/04/24

TERMS: NET - CASH

FROM: Q 3007022

L#	QTY	DESCRIPTION	CATALOG		UNITS	PRIC	E	AMOUNT
1	2	4 X 4 - 12 TREATED	4412PT	A	2	24.89	EA	49.78
2	4	2 % 6 - 08 TREATED PREMIUM	2608PT	A	4	12.24	EA	48.96
3	8	2 X 4 - 08 TREATED PREMIUM	2408PT	A	8	7.50	EA	60.00
4	4	2 X 4 - 12 TREATED PREMIUM	2412PT	A	4	11.30	EA	45.20
5	5	5/4 × 6 - 08 SPF TREATED	54608PT	A	5	8.58	EA	42.90
6	2	1/2" STD. SPRUCE 4'X8'	12SP	A	2	36.58	SH	73.16
7	2	MARATHON AR DUAL GREY (D)	2744113	A	2	39.99	BD	79.98
8	4	ALUM PREFIN EAVESTARIER 10' WHI	2751745	A	4	7.99	EA	31.96
9	2	BOLT, CARR L/N SLV HB 1/2X8 (20)	2115825	A	2	5.99	EA	11.98
10	4	WASHER, LOCK GLV TPY =2191-840	2191842	A	4	.35	EA	1.40
11	4	NUT, HEX#2 GLV DNC 1/2-13 133	2146063	A	4	.79	EA	3.16
1.2	2	BOLT, CARR L/N GLV HB 1/2%6 20	2115823	Α	2	3.39	EA	6.78
1.3	4	WASHER, FLAT GIV HE 1/2 137	2190240	A	4	.59	EA	2.36



PAID BY: VISA 517.11

SUBTOTAL H.S.T. D TOTAL

457.62 59.49 517.11

BRUCE STATION

MON - FRI 8:00 - 5:30

SATURDAY 9:00 - 3:00

Account due and payable 20th of month following invoice date. If not paid in full by the end of the month, a finance charge of 2% per month, 26.82% per annum will be added to your account.

RECEIVED BY

SIGN:

PRINT:

Cliffe Printing Inc.



## **Estimate #14195**

7/11/2024

Fax: 1 705 843 2656

Prepared For:

Sault Climate Club Sandra Trainor Sault Ste Marie, ON

sandratrainor1@gmail.com 705-987-2844

Phone:

Alt. Phone:

Email:

Fax:

Phone: 705 843 2514

Iron Bridge, ON POR 1H0

Prepared By:

Mark Pinkse

P.O. Box 520

Laird Signs

Alt. Phone: 1 877 766 7446

Email: info@lairdsigns.com

Description: Sault Climate Club - "Little Forest" interpretive sign

Quantity	Description	Each	Total	Taxable
1	42.00 in x 40.00 in "Little Forest" interpretive sign mounted on 3mm ACM with design and layout.	495.56	\$495.56	✓
1	PLUS (if required)	0.00	\$0.00	✓
1	Shipping and Handling or L&B Courier	32.56	\$32.56	<b>√</b>

Terms: 1. Estimate good for 30 days. 50% deposit due upon signing, balance upon completion. We accept Visa and Mastercard. Proof of tax exemption is required if requested. F.O.B. Iron Bridge. Shipping, installation, and final electrical hook-up extra unless otherwise stated.

By my signature, I authorize work to begin and agree to pay the above amount in full according to the terms on this agreement.

Signed by Date Amt. Paid Today



## DSKIN SCIENTIFIC LIMITE







**ENVIRONMENTAL Monitoring** 

TEST & MEASUREMENT Instrumentation GEOTECHNICAL & MATERIALS Testing

Quote: 332956

> Contact: Danielle Hudson

> > - danielle.hudson@nrcan-rncan.gc.ca

Bill to: Natural Resources Canada

1219 Queen Street East Cfs Great Lakes Forestry Center

Sault Ste. Marie, ON P6A 2E5

Attn: Danielle Hudson

danielle.hudson@nrcan-rncan.gc.ca

Date: 2024-10-31

Ship to: Natural Resources Canada

1219 Queen Street East

Cfs Great Lakes Forestry Center Sault Ste. Marie, ON P6A 2E5

Attn: Danielle Hudson

Here is the quote you requested.

#	Item	Des	cription	Qty	Unit Price	Extended
	100439 E348-S-SMC-M005	(Onset/HOBO) Soil Moisture -	EC-5	4	\$326.89	\$1,307.56
	100352 E348-H21-USB	(Onset/HOBO) USB Micro Station Logger. Weatherproof datalogger (IP66) rated from -20° to 50°C with alkaline batteries & -40° to 70°C with lithium batteries. 512K memory. 1 second to 18hr logging interval, user-specified. Logger comes with 5 smart sensor inputs. Can record 15 channels. Powered by 4 AA batteries (4 alkaline batteries included).		2	\$386.06	\$772.12
	100443 E348-S-TMB-M002	Smart Temp Sensor 12-bit w/ 2m Cable		2	\$168.35	\$336.70
		Supply Arrangement #:	E60PV-19EQUI/008/PV			
		Supply Arrangement Title: Supply Arrangement Period:	Lab Sci Equipment 2020-04-01 to 2025-03-29			

Available Levels: (including freight and taxes)

Simple: <\$100K Medium Complexity: \$100K-\$750K High Complexity: >\$750K

Subtotal \$2,416.38

**HST 13 %** \$314.13

**Total with Taxes** \$2,730.51

continued on next page ...

Lease-to-Own financing options available - please contact us for details.

Unless otherwise stated:

1. All items quoted in Canadian Dollars.

2. Quote valid for 15 days.

3. Taxes extra - if applicable.

4. F.O.B. Hoskin Scientific Ltd. Oakville, ON

5. Terms net 30 days O.A.C.

Page 1 of 2

3280 South Service Road | Oakville, ON | L6L 0B1 | t. 800.665.5871 | f. 905.333.5510 1 of 3

## CDF - Green Initiatives Program Fund Overview

## 1.0 Purpose

The purpose of the Green Initiatives Program of the Community Development Fund (CDF) is to support green initiatives that result in improved environmental sustainability in Sault Ste. Marie.

## 2.0 Policy

The City of Sault Ste. Marie's (the City) Environmental Sustainability Committee (ESC) may recommend the allocation of funds for eligible projects or programs that support of the City's environmental plans and practices, in particular the reduction of greenhouse gas (GHG) emissions and other community environmental sustainability activities.

Funding applications will be reviewed by the ESC in accordance with the CDF – Green Initiatives Program guidelines and will be recommended to Council for approval.

Total funds available for all projects under the CDF – Green Initiatives Program is \$50,000. This amount will be reviewed on an annual basis.

## 3.0 Definitions

- 3.1 "Environmental sustainability" means: projects that support reducing our community GHG emissions and reducing pollution, maintaining our natural environment and managing the use of natural resources in a way that ensures their availability for future generations.
- 3.2 "Eligible Applicant" means either a:
  - i. Incorporated Not-for-profit organization
  - ii. Unincorporated organization/collective must be composed of at least 2 members and have been active as a group for at least 1 year
  - iii. Local School or School Group / Committee
  - iv. City of Sault Ste. Marie Department
- "Eligible Project" means any project or activity that demonstrates environmental benefits or improvements and is consistent with City policies, and may include, but is not limited to greenhouse gas (GHG) reduction, improving water quality / rehabilitation, increases energy efficiency, heathy and resilient ecosystems, including habitat restoration active transportation or waste reduction.

## 3 Processing for Evaluating Proposals

- 4.1 The Community Development and Enterprise Services Department (CD&ES) will provide the resources to support the intake of applications and support the proponent(s) in the development of their proposal.
- 4.2 City Finance and CD&ES will provide recommendations regarding economic resources available and related concerns (e.g., due diligence collaboration, risk management, etc.)
- 4.3 Once an application has been deemed eligible and complete by City staff, applications will be reviewed with the Environmental Sustainability Committee for recommendation to City council.

Green Initiatives Stream

- 4.4. All requests will be presented to Council in writing with supporting presentations by the applicant, if required. A copy of the application will be included in the Council package, which is public. Any confidential material to support the application should be contained in a separate document and marked confidential.
- 4.5 City Council will make the final decision regarding the approval of financial contributions.
- 4 Accountability, Monitoring and Reporting of Results
  The following will be expected from the successful applicants:
- 5.1 Recognition of the Community Development Fund contribution to the project in reports and appropriate marketing products, including the City logo.
- 5.2 Progress reports for longer duration projects as outlined in their application timetable and proposal to City Council.
- 5.3 A final project report containing an evaluation of the success of the initiative in meeting its goals and key performance targets as well as the benefits to the community is required within 60 days of project completion.
- 5.4 A complete report of all revenues and disbursements for the project within 6 months of completion of the project. The City Finance Department will require supporting financial documentation (e.g. paid invoices, etc.) and has the right to review or audit projects.

The Green Initiatives funds are provided on a re-imbursement basis, i.e., an organization incurs the cost, provides invoices to the City in a claim report and the City's contribution level to the project is then provided. Where other levels of government or other funding programs are involved, the City will receive claim packages as submitted to the other funding agencies and pay their proportional share of approved and eligible project costs.

## **Community Development Fund Application Form**

### **Green Initiatives Stream**

Before filling out an application, please discuss your project and/or activity with Community Development and Enterprise Services (CD&ES) staff. Contact information is available in Section 7 of the application. Staff will help guide potential applicants through the process and answer any questions regarding the program and application form.

Please fill in each of the following sections:

## Section 1: Intakes

Applications will be accepted quarterly every year and recommended for Council approval by the City's Environmental Sustainability Committee (ESC) at their quarterly meetings. Please select the intake round you wish to apply for funds.

Intake	Submission Period	Application Due	ESC and Council Review	Project Implementation
□ Q1	January 1 – March 31	Last Friday in March of each calendar year	April	After May 1
□ Q2	April 1 – June 30	Last Friday in June of each calendar year	July	After August 1
□ Q3	July 1 – September 30	Last Friday in September of each calendar year	October	After November 1
⊠ Q4	October 1 – December 31	Last Friday in December of each calendar year	January	After February 1

## **Section 2: Applicant Information**

Please select wi	hich type of organization you represent:
☐ Incorporated	l Not-for-profit organization
□ Unincorpora	ted organization/collective – must be composed of at least 2 members and
have been activ	ve as a group for at least 1 year
☐ Local Schoo	ol or School Group / Committee
	Ste. Marie (list Department): Community Services Department, Recreation and
Culture Division	

Legal name of business and/or organization: The City of Sault Ste. Marie

Address: 72 Tancred Street, Sault Ste. Marie, ON, P6A 2W1
Phone Number: 705-949-3333 ext 2234 Fax: 705-949-2341

Contact Name: Mathew Depatie Email: m.depatie@cityssm.on.ca Phone: 705-949-3333 ext 2234

Names of Organization Officers, Directors & Principals (if applicable): City Council

Briefly describe the function or purpose of your organization (e.g. include a short history, mandate, goals and objectives)

Community Development Fund

Green Initiatives Stream

The City of Sault Ste. Marie was incorporated in 1912.

## Our Vision

To be the leading innovative, dynamic and efficient municipal corporation in the Province of Ontario.

## Mission Statement

To promote, encourage and lead economic and social growth within our community through the effective provision of municipal services and the development of community partnerships.

Contributing partners (elaborate on the partner (name), type of partnership (e.g. joint venture, in-kind organization) or proposed collaboration, and provide references):

None

## **Section 3: Project Information**

Please provide key information about your project including: project description, objectives, performance targets, impacts and limitations of project, methodology and timing (including key dates for progress reports and final report to council)

**Project Description:** City of Sault Ste. Marie Fire Services Snow Blower Electrification Project 2.0

## **Objectives:**

The purpose of this project is to further reduce emissions from the snow removal equipment that fire services uses.

## Performance targets and impacts:

Replace one (1) snow blower with one (1) with electric model.

Project Limitations: Budget constraints on the City (shortfall of 100% of total project costs)

**Project Methodology: Purchase** the new equipment in advance of the 2025 winter snow plowing season.

Project Timing: As soon as possible

Outline your communication strategy for promoting the project you are seeking GIF for (e.g., press release, social media post, community event, etc.) and any plans to ensure that the project is brought to the attention of the community. Please also include the target audience of your project and anticipated impact (e.g., education, awareness, reduced emissions, water quality improvement)

This project will be promoted via Fire Services social media platforms to promote the equipment improvement and also that battery powered equipment has greatly improved for commercial use.

## **Section 4: Costs and Financing**

Total amount of assistance requested: \$2,391.36

Please specify as accurately as possible how the Green Initiatives Fund will be used if approved. Requests for capital purchases or printed material must include a minimum of one quote from a firm/business to provide the service/material.

The City of Sault Ste. Marie Fires Services is looking to continue to electrify their snow removal equipment. They have already purchased two electric snowblower and would like to purchase a third in preparation for next years snow season. They are approaching the committee for assistance to replace one (1) snowblower that is reaching its end of life, with an electric model. The quote obtained for the electric models show a total cost of \$2,350 + 1.76% non-rebatable HST (\$2,391.36). If no additional funding from the Green Initiatives Fund is available, Fire Services will be purchasing internal combustion snow removal equipment because of a shortfall in operating budget funding and equipment reaching its end of life.

If you are a City Department, please elaborate on how you plan to use this request to build a pathway into future operating and/or capital budgets. Please also tie this into the environmental sustainability section of the corporate strategic plan.

Fire Services operates multiple fire halls around Sault Ste. Marie. Using battery powered commercial equipment for a smaller site makes sense. The purchase will further reduce snow equipment requests and reduce fuel consumption allowing the existing budget funds towards other more capital intensive upgrades. As well, going forward all small engine equipment from Fire Services will be electric and this project will be used in the City's capital and operating budget requests in lieu of gas equipment.

requests in itea of gas equipment.
Does your organization currently receive other financial assistance from the City, either in-kind or direct funding?  ☑ Yes □ No
If yes, please specify:
We are a department of the City of Sault Ste. Marie
Have you received Green Initiative funding from the City previously? □No
What was the last year received:(specify year)
If yes, for the last year that the grant was received, append a copy of a Post-Project Report. Please note that applicants can apply more than once a year, providing their last project post-project report has been submitted to and approved by the City. For grants given to assist in capital purchases or printed material, please append an example and/or colour photo of the item(s).
Submit the following required attachments with your application:

i)

ii)

iii)

Detailed project costs

In-kind contributions

Financing arrangements (e.g., equity, loans, etc.) and funding partners

- iv) Balance, Financial Statements, Cash flow projections (historical and projected), where appropriate
- v) Demonstrated need for assistance and supporting documentation and applications to other government assistance programs, etc.

## Section 5: Environmental Benefits

Please select the category that your project best falls under (check all that apply)

Description of how the project achieves environmental sustainability, such as a reduction in GHGs, improvement in water quality, energy efficiency, heathy and resilient ecosystems, including habitat restoration, active transportation and/or waste reduction.

Fire Services do not currently track the volume of gasoline and oil that is used to run their current snow blower maintenance equipment so calculating current emissions in comparison to projected emissions by using electricity was not possible. It is known that they operate each snowblower for approximately 2 - 4 hours on heavy snowfall days throughout the winter months (6 months of the year). of internal combustion mowers compared to electric mowers indicate an emissions reduction of approximately 84% by switching to electric machinery from internal combustion machinery<sup>1</sup>.

Gas-powered snow blowers are said to emit 1 pound of CO2 equivalent emissions per hour, and that the average snow blower runs for 8 hours every winter.<sup>2</sup> In addition, the United States Environmental Protection Agency has said that an average two-stroke snowblower emits about a pound of carbon monoxide per hour of its usage<sup>3</sup>.In addition, electric snow blowers are lightweight, making for easier storage and also require less long-term maintenance (no winterization or gas and oil to replace).

In addition, batteries are interchangeable with the other electric small engine equipment that Fire Services has purchases so can be used between machines.

## **Section 6: Community Benefits**

## How does the project compliment other local initiatives?

This project contributes to the corporate fleet electrification objective of the Sault Ste. Marie Greenhouse Gas Reduction Plan. Electrifying fire services snow removal equipment will help the city in its transition of purchasing vehicles that run on electricity.

In addition, at the January 31, 2022 Council meeting a resolution was passed by Council for staff to report on the feasibility of replacing any small engine equipment with electric small engine equipment with electric small engine equipment as the existing equipment reaches the end of its useful life.

What is the anticipated impact on the community as a whole from your planned project?

<sup>1</sup> https://emsmastery.com/2020/05/23/how-do-lawn-mowers-impact-climate-change/

<sup>&</sup>lt;sup>2</sup> https://www.electricity.ca/knowledge-centre/journal/electrify-this-snow-blowers/

<sup>3</sup> https://edenapp.com/blog/the-effects-of-snow-removal-on-the-environment/

The City is committed to not only being fiscally responsible, but also a government that values environmental stewardship and minimizing the footprint of its activities. The City of Sault Ste. Marie's vision is to be a leader in the provision of efficient, affordable and quality services supporting a progressive and sustainable community. The City values environmental stewardship through the wise use of resources to maintain and create a liveable city for future generations, minimizing the footprint of our activities on the environment.

The electrification of fire services snow removal equipment will lower the departments operational emissions, as well as fuel and maintenance costs and aligns to the City's net zero emissions target by 2050.

## If applicable, how does your project plan to increase environmental sustainability education and awareness in our community?

This project will increase visibility of electric equipment use at Fire Services. Staff will be easily seen using this equipment and this will also promote the City's green initiatives fund and purchases.

## Section 7

I UNDERSTAND that by signing this application, I agree that my project:

- Has a distinct start and end date within the year that the grant is provided.
- Has specific deliverables based on the project.
- · Will benefit the residents of Sault Ste. Marie.
- City of Sault Ste. Marie property held by the organization must have a current and up-to-date tax payments upon the City's receipt of application. Through the grant period, tax payments must be maintained and up-to-date. Organizations whose property taxes are in arrears will not be considered for this program. Organizations who default on their property taxes through the grant period will not receive any payment from the City of Sault Ste.
   Marie, and the grant agreement may be terminated immediately.

I CERTIFY that to the best of my knowledge, the information provided in the Green Initiatives Program Fund application is accurate and complete and is endorsed by the organization society or City department, which I represent.

DATED in Sault Ste. I	Marie, this	8	day of	November,	, 2024_
NAME	Title			Signature  M. Rypotes	
Matt Depatie	ASSISTANT F	FIRE CHIEF SU	PPORT SERVICES	M (Mysole)	

Phone 705-759-5312

## PLEASE RETURN THIS FORM AND RELATED SUPPORTING DOCUMENTATION TO:

Emily Cormier Sustainability Coordinator, Community Development & Enterprise Services 99 Foster Drive, Level 1 Sault Ste. Marie, ON P6A 5X6 Telephone inquiries: (705) 989-8748

Email: e.cormier2@cityssm.on.ca

## INCOMPLETE APPLICATIONS WILL NOT BE CONSIDRED.

## FOR OFFICE USE ONLY

Application Received By: Imiß Comu Date: 2024 11 08

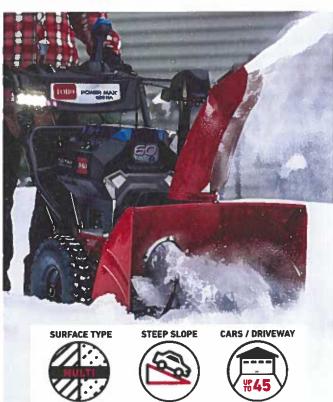
## **Collection of Personal Information Notice**

Personal information of the <u>Green Initiative Fund Application</u> is collected under the authority of the Municipal Freedom of Information and Protection of Privacy ACT R.S.O. 1990 m c.M.56 and will be used solely to determine applicable information necessary for application. Questions about this collection should be directed to the address noted in the Competition Outline.



## EVERY SINGLE JOB. ONE SINGLE BATTERY.





## **POWER CLEAR®**

Gives you the edge in speed, quality, and convenience.



## 60V POWER CLEAR SELF-PROPEL POWER CURVE TECHNOLOGY

Delivers a self-propelled experience with a ground engaging paddle powering through compacted snow with ease. Select models.



### SNOWDRIFT STRENGTH

Bust through 2-9" of heavy, wet snow, throwing it up to 12 m / 40 feet.



### **CRUSH SNOW TO THE CURB**

60V Flex-Force Power System\* - one powerful battery system, 75+ unbeatable tools.

## **POWER MAX®**

Three battery ports where the gas tank used to be.



## POWER UP

All the features you love – Quick Stick\* chute control, rugged 15\* / 38 cm tires, anti-clogging system, and more.



### GO THREE ROUNDS WITH OLD MAN WINTER

The only snow blower with three battery ports, this machine has all the power you need to get the job done right.



### ZERO COMPROMISES

Same rugged, heavy-duty steel construction as Toro gas-powered snow blowers, with LED lights, hardened gears and no shear pins to break.



			60V MAX' B	ATTERY SNO	W BLOWERS		
	SINGLE-STAGE POWER CLEAR 60V E21	SP SINGLE-STAGE POWER CLEAR 60V E21	SNOWMASTER POWER CLEAR 60V E24	SNOWMASTER POWER CLEAR 60V E24	TWO-STAGE POWER MAX 60V E24	TWO-STAGE POWER MAX 60V E24	TWO-STAGE POWER MAXHA 60V E26
MODEL.	39901	39921	NEW! 39914	39915	39924	39925	39926
CLEARING WIDTH	≈ 21° / 53.3 cm	21° / 53.3 cm	24 <sup>-</sup> / 61 cm	24" / 61 cm	» 24" / 61.0 cm	• 24" / 61.0 cm	≈ 26" / 66.0 cm
CLEARING CAPACITY"	» Up to 12 parked cars	Up to 15 parked cars	Up to 20 parked cars	Up to 30 parked cars	Up to 24 parked cars (12 cars per battery) Up to 15 cars more with additional 3rd battery	» Up to 20 parked cars	• Up to 30 parked cars (15 cars per battery) Up to 15 cars more with additional 3rd battery
SNOW CUT DEPTH	» 12" / 30.5 cm	12° / 30.5 cm	18" / 30.5 cm	18" / 30.5 cm	» 20° / 50.8 cm	≈ 20° / 50.8 cm	20° / 50.8 cm
BATTERY	- 1 x 7.5 ah	1 x 7.5 ah + 1 x 2.5 ah	1 x 10.0 ah	1 x 10.0 ah + 1 x 5.0 ah	2 x 6.0 ah	1 x 10.0 ah	₩ 2 x 7.5 ah
CHARGE TIME	180 min	180 min	300 min	300 min	150 min	150 min	180 min
THROWING DISTANCE"	Up to 40" / 12.2 m	Up to 30' / 9.1 m	Up to 40' / 12.2 m	Up to 40° / 12.2 m	» Up to 45° / 13.7 m	» Up to 45' / 13,7 m	Up to 45' / 13,7 m
AUGER SYSTEM	Patent Pending Power Edge*	» Power Curve" Self-Propel	» In-Line Two Stage	» In-Line Two Stage	Power Max Anti-Clogging System	» Power Max Anti-Clogging System	Power Max Anti-Clogging System
AUGER DIAMETER	+ 7° / 17.8 cm	≈ 8.5° / 21.6 cm	10° / 25.4 cm	10° / 25.4 cm	→ 11" / 27.9 cm	⇒ 11" / 27.9 cm	11" / 27.9 cm
IMPELLER DIAMETER	100	*	-		11° / 27.9 cm	11" / 27.9 cm	11*/27.9 cm
AUGER GEARBOX	2)	100	10%	42	» Hardened Gears; No Shear Pins	» Hardened Gears; No Shear Pins	Hardened Gears; No Shear Pins
HANDLE	Adjustable	Ergonomic	» Personal Pace®	» Personal Pace®	Standard	Standard	» Heavy-Duty
DEFLECTOR	Locking	Locking	Single	Single	Single	Single	Single
CHUTE CONTROL	Quick Turn	Chute Mounted	» Quick Stick®	🦦 Quick Stick®	» Quick Stick®	» Quick Stick®	Quick Stick
CHUTE CONSTRUCTION	Sub Zero Curved Chute	» High Capacity Chute	» High Capacity Chute	» High Capacity Chute	» Steel	» Steel	Steel
TIRES	6 7/8° x 2° 17.5 cm x 5.1 cm	<b>→ 7° / 17.8 cm</b>	→ 11 <sup>-</sup> / 27.9 cm	» 11" / 27.9 cm	» 15" / 38.1 cm	» 15" / 38.1 cm	15" / 38,1 cm
HAND WARMERS	-			-	-	-	» Standard
LIGHT	Panoramic LEO	Panoramic LEO	-	Panoramic LED	LEO	LED	LED
WARRANTY"	2-Year Limited, 3-Year Battery	2-Year Limited, 3-Year Battery	2-Year Limited, 3-Year Battery	2-Year Limited, 3-Year Battery	3-Year Limited, 3-Year Battery	3-Year Limited, 3-Year Battery	3-Year Limited, 3-Year Battery
BARE TOOL MODEL #	39901T	399217	-	39915T	-	-	39926T

--- Enhanced or step-up feature

\*Battery manufacturer rating = 60V maximum and 54V typical usage. Actual voltage varies with load. \*\*Threw distance and clearing capacity will vary with conditions, \*\*See retailer for complete warranty details.



## **POWER SHOVEL®**

Easy to maneuver, convenient, cordless and complete snow clearing.

# Specifications

# **Auger Diameter**

11 in / 28 cm

# **Auger Gearbox**

Hardened Gears, No Shear Pins Needed

# **Auger System**

# be Anti-Clogging System (ACS) by Battery Charge Time (min) **Battery Charge Time (min)**

180

# **Battery Power**

60V Max L324 (6.0Ah, 324Wh)

# **Battery Product Type**

Full Tool (battery included)

# **Battery Run Time**

Up to 70 minutes

# **Box Dimensions**

50 in x 26.5 in x 32 in / 127 cm x 67.3 cm x 81.3 cm

# Capacity per Minute

2000 lbs / 907 kg

# **Chute Control**

Quick Stick®, Single Deflector

# **Chute Material**

Steel

# Chute Turning Radius (deg)

200

# Clearing Surface Type / Incline

Gravel, Paved

# **Clearing Width**

24 in / 61 cm

## **Fuel Type**

Battery

Page 59 of 95

# **Ideal Snow Depth**

12 in / 30 cm

## Impeller

11" / 28 cm Dia.

# **Intake Height**

20 in / 50 cm

## Lights

LED Headlights

## **Motor Type**

**Brushless DC** 

# **Number of Batteries Included**

# **Number of Chargers Included**

# **Number of Forward Speeds**

9

Page 60 of 95

# **Number of Reverse Speeds**

## **Product Type**

Two-Stage Snow Blowers

## **Product Use**

Residential

# **Snow Equipment Product Type**

Electric Snow Blower

# **Snowblower Stage**

Two-Stage

## Start Type

Electric

# **Throw Distance**

Up to 45 ft / 13.7 m

## **Tire Height**

15 in / 31.8 cm

Page 61 of 95

## Tire Width

4 in / 10.1 cm

## Tires

 $15" \times 4" (39 \text{ cm} \times 10 \text{ cm})$ 

# **Type of Snow**

Heavy, Wet

## Voltage

**60V** 

## Watt Hours

324Wh

## Weight

172 lbs / 78 kg

## Disclaimer

\*\*Throw distance will vary with conditions.

\*\*\*See retailer for warranty details.

Page 62 of 95



The Corporation of the City of Sault Ste. Marie 99 Foster Drive, Sault Ste. Marie, Ontario P6A 5X6 saultstemarie.ca | 705.759.2500 | info@cityssm.on.ca

Post Grant Report The purpose of the Post Grant Report is to provide accountability to the City of Sault Ste. Marie for the financial assistance that was received. November 2023 Date of Grant: \$2250.93 Amount: Or In-Kind Service Provided: Cultural/Arts Organization Type of Grant: Sports Organization Other Purpose of Grant as per original application: The purpose of this grant was to purchase an electric snowblower and replace the existing gas powered snowblower. Did the use of the Grant deviate from original purpose? If so, please explain what grant was used for. N/A Please provide details how the grant affected the activities of your organization. This grant has enabled Sault Ste. Marie Fire Services to provide our personnel with electric equipment and tooling which will make a positive impact on our carbon footprint. This equipment has been proven to be more than sufficient for Fire Services. This equipment has proven to be reliable, which in turn directs more users to go green at If grant was for a one-time event, please provide a summary of expenditure and copies of invoices supporting the grant amount. Assistant Fire Chief, Support Services Name: Mathew Depatie Title: Signature: Title: Name: Date: Signature: \_

\* A Post Grant Report must be submitted no later than <u>September 1st</u> for financial assistance that was received in the current year, if applicable. No further grants will be awarded until Post Grant Report is received.

Corporate Services - Finance: Revised August 02, 2016

## CDF - Green Initiatives Program Fund Overview

## 1.0 Purpose

The purpose of the Green Initiatives Program of the Community Development Fund (CDF) is to support green initiatives that result in improved environmental sustainability in Sault Ste. Marie.

## 2.0 Policy

The City of Sault Ste. Marie's (the City) Environmental Sustainability Committee (ESC) may recommend the allocation of funds for eligible projects or programs that support of the City's environmental plans and practices, in particular the reduction of greenhouse gas (GHG) emissions and other community environmental sustainability activities.

Funding applications will be reviewed by the ESC in accordance with the CDF – Green Initiatives Program guidelines and will be recommended to Council for approval.

Total funds available for all projects under the CDF – Green Initiatives Program is \$50,000. This amount will be reviewed on an annual basis.

## 3.0 Definitions

- 3.1 "Environmental sustainability" means: projects that support reducing our community GHG emissions and reducing pollution, maintaining our natural environment and managing the use of natural resources in a way that ensures their availability for future generations.
- 3.2 "Eligible Applicant" means either a:
  - i. Incorporated Not-for-profit organization
  - ii. Unincorporated organization/collective must be composed of at least 2 members and have been active as a group for at least 1 year
  - iii. Local School or School Group / Committee
  - iv. City of Sault Ste. Marie Department
- "Eligible Project" means any project or activity that demonstrates environmental benefits or improvements and is consistent with City policies, and may include, but is not limited to greenhouse gas (GHG) reduction, improving water quality / rehabilitation, increases energy efficiency, heathy and resilient ecosystems, including habitat restoration active transportation or waste reduction.

## 3 Processing for Evaluating Proposals

- 4.1 The Community Development and Enterprise Services Department (CD&ES) will provide the resources to support the intake of applications and support the proponent(s) in the development of their proposal.
- 4.2 City Finance and CD&ES will provide recommendations regarding economic resources available and related concerns (e.g., due diligence collaboration, risk management, etc.)
- 4.3 Once an application has been deemed eligible and complete by City staff, applications will be reviewed with the Environmental Sustainability Committee for recommendation to City council.

Green Initiatives Stream

- 4.4. All requests will be presented to Council in writing with supporting presentations by the applicant, if required. A copy of the application will be included in the Council package, which is public. Any confidential material to support the application should be contained in a separate document and marked confidential.
- 4.5 City Council will make the final decision regarding the approval of financial contributions.
- 4 Accountability, Monitoring and Reporting of Results
  The following will be expected from the successful applicants:
- 5.1 Recognition of the Community Development Fund contribution to the project in reports and appropriate marketing products, including the City logo.
- 5.2 Progress reports for longer duration projects as outlined in their application timetable and proposal to City Council.
- 5.3 A final project report containing an evaluation of the success of the initiative in meeting its goals and key performance targets as well as the benefits to the community is required within 60 days of project completion.
- 5.4 A complete report of all revenues and disbursements for the project within 6 months of completion of the project. The City Finance Department will require supporting financial documentation (e.g. paid invoices, etc.) and has the right to review or audit projects.

The Green Initiatives funds are provided on a re-imbursement basis, i.e., an organization incurs the cost, provides invoices to the City in a claim report and the City's contribution level to the project is then provided. Where other levels of government or other funding programs are involved, the City will receive claim packages as submitted to the other funding agencies and pay their proportional share of approved and eligible project costs.

## Community Development Fund Application Form

## **Green Initiatives Stream**

Before filling out an application, please discuss your project and/or activity with Community Development and Enterprise Services (CD&ES) staff. Contact information is available in Section 7 of the application. Staff will help guide potential applicants through the process and answer any questions regarding the program and application form.

Please fill in each of the following sections:

## Section 1: Intakes

Applications will be accepted quarterly every year and recommended for Council approval by the City's Environmental Sustainability Committee (ESC) at their quarterly meetings. Please select the intake round you wish to apply for funds.

Intake	Submission Period	Application Due	ESC and Council Review	Project Implementation
□ Q1	January 1 – March 31	Last Friday in March of each calendar year	April	After May 1
□ Q2	April 1 – June 30	Last Friday in June of each calendar year	July	After August 1
□ <b>Q</b> 3	July 1 – September 30	Last Friday in September of each calendar year	October	After November 1
⊠ Q4	October 1 – December 31	Last Friday in December of each calendar year	January	After February 1

## Section 2: Applicant Information

Phone Number: 705-759-5310 Contact Name: Rick Borean

Please select which type of organization you represent:						
<ul> <li>□ Incorporated Not-for-profit organization</li> <li>□ Unincorporated organization/collective – must behave been active as a group for at least 1 year</li> <li>□ Local School or School Group / Committee</li> <li>☑ City of Sault Ste. Marie (list Department): Commu Culture Division</li> </ul>						
Organization/Collection/School/School Group Nam Bondar Park Address: 65 Foster Drive	e: The City of Sault Ste. Marie, Roberta					

Names of Organization Officers, Directors & Principals (if applicable): City Council

Briefly describe the function or purpose of your organization (e.g. include a short history, mandate, goals and objectives)

Fax: 705-949-6605

Email: r.borean@cityssm.on.ca

Green Initiatives Stream

The City strives to promote, encourage and lead economic and social growth within our community through the effective provision of municipal services and the development of community partnerships. We aim to be the leading innovative, dynamic and efficient municipal corporation in the Province of Ontario

Contributing partners (elaborate on the partner (name), type of partnership (e.g. joint venture, in-kind organization) or proposed collaboration, and provide references):

None

## **Section 3: Project Information**

Please provide key information about your project including: project description, objectives, performance targets, impacts and limitations of project, methodology and timing (including key dates for progress reports and final report to council)

This project will support of the City's environmental plans and practices, in particular the reduction of greenhouse gas (GHG) emissions by replacing 1 aging gas powered I with 1 new ECHO DLM-2100 Electric Lawnmower, charger, rapid charger and an additional electric battery. The charger and spare battery can be used interchangeably with existing electric lawn equipment that are used frequently during the week while the site is in operation.

## <u>Objectives</u>

- Reduce greenhouse gas emissions associated with maintenance equipment.
- · Lower noise pollution during city maintenance activities.

## Performance Targets

- Complete procurement of electric lawnmower by the end of 2024.
- Train staff on the proper use and maintenance of electric equipment for 2024/2025 season.
- Achieve a 100% reduction in carbon emissions from the lawn mower by summer 2025.

## Impacts

- Decreased carbon emissions and noise pollution, contributing to the City's sustainability goals.
- · Cost savings on fuel and maintenance of equipment.
- Demonstrates commitment to environmental stewardship and innovation in municipal operations.

### Methodology

- 1. Procurement Purchase electric lawnmower from approved vendors.
- 2. Training Conduct training sessions for staff on the proper use, maintenance, and charging of equipment.
- 3. Implementation Phase out existing gas-powered equipment and integrate electric models into daily operations.
- 4. Monitoring and Reporting Regularly monitor performance metrics (emissions) and report progress in City's annual sustainability report.

Outline your communication strategy for promoting the project you are seeking GIF for (e.g., press release, social media post, community event, etc.) and any plans to ensure that the project is brought to the attention of the community. Please also include the target audience of your project and anticipated impact (e.g., education, awareness, reduced emissions, water quality improvement)

This project will be promoted via The City's social media platforms and also the Roberta Bondar Park Facebook page that will promote the equipment improvement and also that battery powered equipment has greatly improved for commercial use.

## **Section 4: Costs and Financing**

Total amount of assistance requested: \$1,201.16

Please specify as accurately as possible how the Green Initiatives Fund will be used if approved. Requests for capital purchases or printed material must include a minimum of one quote from a firm/business to provide the service/material.

The funds will be used for a capital purchase of 1 electric lawnmower and charger,1 x rapid charger and one (1) additional battery. The charger and batteries will be interchangeable with the other electric lawn equipment.

DLM-2100 c2 mower(with battery and charger): \$690.10 + tax. Ic-56vaab rapid charger. \$150.09 + tax. Ibp-56v250a 5.0a battery: \$340.20 +tax Subtotal: \$1,180.39 Total with non-rebateable HST (1.0176): \$1,201.16

If you are a City Department, please elaborate on how you plan to use this this request to build a pathway into future operating and/or capital budgets. Please also tie this into the environmental sustainability section of the corporate strategic plan.

Roberta Bondar Park (RBP) operates with summer staff and continuing the transition to electric lawn equipment supports the City's plans to electrify small engine equipment at a smaller site.

This will reduce the RBP equipment requests and reduce fuel consumption allowing the existing budget funds to be used in maintaining other areas of the park. As well, going forward all small engine equipment from RBP will be electric and this project will be used in the City's capital and operating budget requests in lieu of gas equipment.

Does your organization currently receive other financial assistance from the City, either in-kind or direct funding? ☑ Yes □ No
If yes, please specify:
We are a department of the City of Sault Ste. Marie
Have you received Green Initiative funding from the City previously? □No
⊠Yes □Amount (\$) <u>1,274</u> Project Title / Description: <u>Electric lawn equipment.</u>
What was the last year received:(specify year)

If yes, for the last year that the grant was received, append a copy of a Post-Project Report. Please note that applicants can apply more than once a year, providing their last project post-project report has been submitted to and approved by the City. For grants given to assist in capital purchases or printed material, please append an example and/or colour photo of the item(s).

Submit the following required attachments with your application:

- i) Detailed project costs
- ii) Financing arrangements (e.g., equity, loans, etc.) and funding partners
- iii) In-kind contributions
- iv) Balance, Financial Statements, Cash flow projections (historical and projected), where appropriate
- v) Demonstrated need for assistance and supporting documentation and applications to other government assistance programs, etc.

## Section 5: Environmental Benefits

Please select the category that your project best falls under (check all that apply)

Description of how the project achieves environmental sustainability, such as a reduction in GHGs, improvement in water quality, energy efficiency, heathy and resilient ecosystems, including habitat restoration, active transportation and/or waste reduction.

Though small, Roberta Bondar Park uses regular gas to fuel its commercial maintenance equipment. By transitioning from gas-powered to electric equipment, the project directly reduces emissions of carbon dioxide (CO2) and other pollutants associated with the combustion of fossil fuels. This reduction helps mitigate the City's carbon footprint and supports local air quality improvement efforts. As well, by changing out the gas lawn mower to electric will reduce facility operations to only 1 piece of equipment using gas. This will also increase staff awareness and want to use the equipment as quite often some staff are apprehensive to use powerful gas equipment due to weight, difficulty starting or just nervousness. This will further reduce the need to store so much gas on site for lawn maintenance.

This will also improve the serenity of the park as park users come to sit and enjoy the natural beauty and this can be disturbed when equipment is operating.

## Section 6: Community Benefits

## How does the project compliment other local initiatives?

The City aims to be a leader in GHG reduction and through these actions help to promote this awareness to building a healthier, green future community. The changes made today directly impact tomorrow's operations. In addition, at the January 31, 2022 Council meeting a resolution was passed by Council for staff to report on the feasibility of replacing any small engine equipment with electric small engine equipment with electric small engine equipment as the existing equipment reaches the end of its useful life. This project aligns directly with that request.

## What is the anticipated impact on the community as a whole from your planned project?

This impact will directly remove 1 piece of gas-powered equipment from asset of the corporation and provide more environmentally friendly equipment that will last many years. Specifically, by

reducing emissions from gas-powered equipment, the project contributes to cleaner air in the community. This improvement is particularly beneficial in urban areas where air quality can be compromised by pollutants from combustion engines. Additionally, electric equipment operates more quietly than gas-powered counterparts, leading to reduced noise levels during maintenance activities. This contributes to a quieter and more peaceful urban environment for residents and workers alike. The project demonstrates the City's commitment to environmental stewardship and sustainability. Lastly, over time, electric equipment will result in cost savings due to lower fuel and maintenance expenses compared to gas-powered models. These savings can potentially be reinvested into other community initiatives or services.

## If applicable, how does your project plan to increase environmental sustainability education and awareness in our community?

This project will increase visibility of electric equipment use as Roberta Bondar Park is a prime waterfront site that many people utilize daily. Staff will be easily seen using this equipment and this will also promote The City's green initiatives.

### Section 7

I UNDERSTAND that by signing this application, I agree that my project:

- Has a distinct start and end date within the year that the grant is provided.
- Has specific deliverables based on the project.
- Will benefit the residents of Sault Ste. Marie.
- City of Sault Ste. Marie property held by the organization must have a current and up-to-date tax payments upon the City's receipt of application. Through the grant period, tax payments must be maintained and up-to-date. Organizations whose property taxes are in arrears will not be considered for this program. Organizations who default on their property taxes through the grant period will not receive any payment from the City of Sault Ste. Marie, and the grant agreement may be terminated immediately.

I CERTIFY that to the best of my knowledge, the information provided in the Green Initiatives Program Fund application is accurate and complete and is endorsed by the organization society or City department, which I represent.

DATED in Sault Ste. I	Marie, this	29	day of		October,	2024_
NAME Number	Title			Signature	Phone	
				Plann	705-759-5312	
Rick Borean	Supervisor of 0	Community Ser	vices	1	<u>705-759<b>-</b>5312</u>	

## PLEASE RETURN THIS FORM AND RELATED SUPPORTING DOCUMENTATION TO:

Emily Cormier
Sustainability Coordinator, Community Development & Enterprise Services
99 Foster Drive, Level 1
Sault Ste. Marie, ON P6A 5X6
Telephone inquiries: (705) 989-8748
Email: e.cormier2@cityssm.on.ca

## INCOMPLETE APPLICATIONS WILL NOT BE CONSIDRED.

Community Development Fund Green Initiatives Stream

### FOR OFFICE USE ONLY

Application Received By: 🏒	miB Comi	_ Date:	2024	11	08
	//				

### **Collection of Personal Information Notice**

Personal information of the <u>Green Initiative Fund Application</u> is collected under the authority of the Municipal Freedom of Information and Protection of Privacy ACT R.S.O. 1990 m c.M.56 and will be used solely to determine applicable information necessary for application. Questions about this collection should be directed to the address noted in the Competition Outline.

We are having trouble with sending e mail quotes. Here is a breakdown at least for now.

DLM-2100 c2 mowe(with battery and charger): \$690.10 + tax. lc-56vaab rapid charger. \$150.09 + tax. lbp-56v250a 5.0a battery: \$340.20 +tax

Must order. Please let me know.

Mike 705 253 7828



### The Corporation of the City of Sault Ste. Marie 99 Foster Drive, Sault Ste. Marie, Ontario P6A 5X6 saultstemarie.ca | 705.759.2500 | info@cityssm.on.ca

### Post Grant Report

Post Gran	it Repor	<u>t</u>
The purpose of the Post Grant Report is to Ste. Marie for the financial assistance that wa	•	•
Date of Grant: 2024 09 20		<u>-</u>
Amount: \$1,274		_
Or In-Kind Service Provided:		
Type of Grant:  Cultural/Arts Organ  Sports Organization  Other		
Purpose of Grant as per original application: Roberta Bondar Park Electric Lawn Maintena support the City's environmental initiatives by equipment at Roberta Bondar Park with elect cordless U-handle trimmers/brush cutters and	replacin ric altern	g aging gas-powered maintenance atives, specifically 2 Echo 56v
Did the use of the Grant deviate from original was used for. No	purpose	? If so, please explain what grant
Please provide details how the grant affected. This purchase is expected to reduce greenhor associated with park maintenance, while incremaintenance costs. This project aligns with the Initiatives Fund, as well as the resolution broadeveloping a multi-year replacement plan for If grant was for a one-time event, please provof invoices supporting the grant amount.	ouse gas easing op ne GHG F ught to C the elect	emissions and noise pollution perational efficiency and reducing Reduction pillar of the Green ouncil in 2022 regarding rification of small engine
Name: Rick Borean	Title:	Supervisor Community Services
Signature: Rick Borean Digitally signed by Rick Borean Date: 2024.09.20 15:24:41 -04'00'	Date:	2024 09 20
Name:	Title:	
Signature:	Date:	

\* A Post Grant Report must be submitted no later than <u>September 1st</u> for financial assistance that was received in the current year, if applicable. No further grants will be awarded until Post Grant Report is received.

### CDF - Green Initiatives Program Fund Overview Terms of Reference

### 1.0 Purpose

The purpose of the Green Initiatives Program of the Community Development Fund (CDF) is to support green initiatives that result in improved environmental sustainability in Sault Ste. Marie.

The City of Sault Ste. Marie (the City), whose municipality is in the heart Of Robinson Huron/Superior Treaty Territory, unsurrendered lands of the Anishinaabeg peoples, known to them as Bawating - the place of the rapids. The City was historically a centre for trade and knowledge sharing, for which the City acknowledges at the start of each of their public meetings. As such considerations of Anishinaabe perspectives are included in the CDF Green Initiatives Program Fund terms of reference.

### 2.0 Policy

The City of Sault Ste. Marie's (the City) Environmental Sustainability Committee (ESC) may recommend the allocation of funds for eligible projects or programs that support of the City's environmental plans and practices, in particular the reduction of greenhouse gas (GHG) emissions and other community environmental sustainability activities.

Funding applications will be reviewed by the ESC in accordance with the CDF – Green Initiatives Program Fund (GIPF) guidelines and will be recommended to Council for approval.

Total funds available for all projects under the CDF – Green Initiatives Program is \$50,000. This amount will be reviewed on an annual basis.

### 3.0 Definitions

- 3.1 "Environmental sustainability" means: projects that support reducing our community GHG emissions and reducing pollution, maintaining our natural environment and managing the use of natural resources in a way that ensures their availability for future generations.
- 3.1 "Sustainability" means: a broad, interconnected understanding of environmental stewardship. It is not just about preserving resources for future generations but ensuring that all life forms continue to thrive in balance. The Anishinaabeg emphasize that sustainability decisions must consider the following nine essential "relatives," ensuring that their health, survival, and interconnectedness are maintained:
- Minerals are the foundational elements of life, from the earth's crust to the resources needed to sustain for all life and modern times to sustain technological and agricultural systems.
- Weather patterns are the natural forces that influence the seasons, seasonal change and migration patterns of the growth of plants, and the migration patterns of animals.
- Plants and Trees are vital for air, food, and medicinal needs medicine, as well as the spiritual
  connection to the land are integral to spirituality.
- Trees are seen as powerful relatives, providing shelter, food, and oxygen, and maintaining the balance of ocosystems.
- Fungi and their mycelium are essential for breaking down organic matter and forming symbiotic relationships with plants and trees, contributing to soil health.
- Birds are important for pollination andn, seed dispersal, and maintaining the balance of ecosystems.

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- Mammals are central to the land's ecosystems, contributing to biodiversity and often playing roles in cultural practices.
- Fish are essential to aquatic ecosystems, representing an integral part of both the natural food chain and cultural traditions.
- 9. Reptiles are a foundational aspect of the food chain
- 10. and Arthropods are key players in ecosystem health, contributing to soil health, pest control, and plant pollination.

The nine-essential "relatives" outline a whole and circular appreach to sustainability. All applications are encouraged to detail the ways in which their proposed project considers these relatives. The can be considered for environmental projects as they consider the wellbeing of all species and elements are essential in maintaining a balanced and sustainable ecosystem on that share the Earth, with an understanding that the health of one affects the health of all.

- 3.2 "Eligible Applicant" means either a:
  - i. Incorporated Not-for-profit organization
  - Unincorporated organization/collective must be composed of at least 2 members and have been active as a group for at least 1 year
  - iii. Local School or School Group / Committee
  - iv. City of Sault Ste. Marie Department
- "Eligible Project" means any project or activity that demonstrates environmental benefits or improvements and is consistent with City policies, and may include, but is not limited to greenhouse gas (GHG) reduction, improving water quality / rehabilitation, increases energy efficiency, heathy and resilient ecosystems, including habitat restoration active transportation or waste reduction.
- 3.3 "Long-term impact" refers to: the lasting effects of a project on the environment, communities, and economy, extending beyond immediate carbon reduction. It involves assessing the sustainability of materials used, the ethical practices of suppliers, and the environmental and social consequences of resource extraction and production. The goal is to ensure that decisions made today foster a sustainable, equitable future, with consideration for both ecological health and community well-being over the long term.
- 3.4 Sustainable supply chains refers to: materials used for the project addresses long-term impact, with a comprehensive and integrated plan for sustainable materials, ethical sourcing, and positive environmental and social outcomes (present and future).

### 4.0 Processing for Evaluating Proposals

- 4.1 The Community Development and Enterprise Services Department (CD&ES) will provide the resources to support the intake of applications and support the proponent(s) in the development of their proposal.
- 4.2 City Finance and CD&ES will provide recommendations regarding economic resources available and related concerns (e.g., due diligence collaboration, risk management, etc.)
- 4.3 Once an application has been deemed eligible and complete by City staff, applications will be reviewed with the Environmental Sustainability Committee for recommendation to City council.

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- 4.4. All requests will be presented to Council in writing with supporting presentations by the applicant, if required. A copy of the application will be included in the Council package, which is public. Any confidential material to support the application should be contained in a separate document and marked confidential.
- 4.5 City Council will make the final decision regarding the approval of financial contributions.

The following will be expected from the successful applicants:

- 5.1 Recognition of the Community Development Fund contribution to the project in reports and appropriate marketing products, including the City logo.
- 5.2 Progress reports for longer duration projects as outlined in their application timetable and proposal to City Council.
- 5.3 A final project report containing an evaluation of the success of the initiative in meeting its goals and key performance targets as well as the benefits to the community is required within 60 days of project completion.
- 5.4 A complete report of all revenues and disbursements for the project within 6 months of completion of the project. The City Finance Department will require supporting financial documentation (e.g. paid invoices, etc.) and has the right to review or audit projects.

The Green Initiatives funds are provided on a re-imbursement basis, i.e., an organization incurs the cost, provides invoices to the City in a claim report and the City's contribution level to the project is then provided. Where other levels of government or other funding programs are involved, the City will receive claim packages as submitted to the other funding agencies and pay their proportional share of approved and eligible project costs.

Community Development Fund

### **Community Development Fund Application Form**

#### **Green Initiatives Stream**

Before filling out an application, please discuss your project and/or activity with Community Development and Enterprise Services (CD&ES) staff. Contact information is available in Section 7 of the application. Staff will help guide potential applicants through the process and answer any questions regarding the program and application form.

Please fill in each of the following sections:

### Section 1: Intakes

Applications will be accepted quarterly every year and recommended for Council approval by the City's Environmental Sustainability Committee (ESC) at their quarterly meetings. Please select the intake round you wish to apply for funds.

Intake	Submission	Application Due	ESC and	Project
	Period		Council Review	Implementation
□ Q1	January 1 – March 31	Last Friday in March of each calendar year	April	After May 1
□ Q2	April 1 – June 30	Last Friday in June of each calendar year	July	After August 1
□ Q3	July 1 – September 30	Last Friday in September of each calendar year	October	After November 1
□ Q4	October 1 – October 31	Last Friday in October of each calendar year	November	After December 1

### **Section 2: Applicant Information**

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lease select which type of organization you represent:
☐ Incorporated Not-for-profit organization ☐ Unincorporated organization/collective — must be composed of at least 2 members and have een active as a group for at least 1 year ☐ Local School or School Group / Committee ☐ City of Sault Ste. Marie (list Department):
Organization/Collection/School/School Group Name:
hone Number: Fax:
Phone Number: Fax: Contact Name: Email:
hone:
lames of Organization Officers, Directors & Principals (if applicable):

Briefly describe the function or purpose of your organization (e.g. include a short history, mandate, goals and objectives)
Contributing partners (elaborate on the partner (name), type of partnership (e.g. joint venture, in-kind organization) or proposed collaboration, and provide references):
Section 3: Project Information
Please provide key information about your project including: project description, objectives, performance targets, impacts and limitations of project, methodology and timing (including key dates for progress reports and final report to council)
Outline your communication strategy for promoting the project you are seeking GIF for (e.g., press release, social media post, community event, etc.) and any plans to ensure that the project is brought to the attention of the community. Please also include the target audience of your project and anticipated impact (e.g., education, awareness, reduced emissions, water quality improvement)
Section 4: Costs and Financing
Total amount of assistance requested \$
Please specify as accurately as possible how the Green Initiatives Fund will be used if approved. Requests for capital purchases or printed material must include a minimum of one quote from a firm/business to provide the service/material.
Community Development Fund Green Initiatives Stream

f you are a City Department, please elaborate on how you plan to use this this request to build a pathway into future operating and/or capital budgets. Please also tie this into the environmental sustainability section of the corporate strategic plan.
Does your organization currently receive other financial assistance from the City, either in-kind or direct funding? ☐ Yes ☐ No
f yes, please specify:
Have you received Green Initiative funding from the City previously? □No □Yes □Amount (\$) Project Title / Description:
Vhat was the last year received:(specify year)
f yes, for the last year that the grant was received, append a copy of a Post-Project Report. Please note that applicants can apply more than once a year, providing their last project post-project report has been submitted to and approved by the City. For grants given to assist in capital burchases or printed material, please append an example and/or colour photo of the item(s).
Submit the following required attachments with your application:  i) Detailed project costs  ii) Financing arrangements (e.g., equity, loans, etc.) and funding partners
<ul> <li>iii) In-kind contributions</li> <li>iv) Balance, Financial Statements, Cash flow projections (historical and projected), where appropriate</li> </ul>
<ul> <li>Demonstrated need for assistance and supporting documentation and applications to other government assistance programs, etc.</li> </ul>
Community Development Fund Green Initiatives Stream

### Section 5: Environmental Benefits

	Commented [EC1]: This sh
Description of how the project achieves environmental sustainability, such as, but not limited to-a	last update so just removing i
eduction in GHGs, improvement in water quality, energy efficiency, heathy and resilient	
cosystems, including habitat restoration, active transportation and/or waste reduction.	
<del></del>	
low does your project impact local ecosystems and their interdependencies? Please consider,	
where applicable, the nine essential "relatives" outlined in the sustainability definition (3.1) of the	
erms of Reference (minerals, weather, plants, trees, fungi, birds, mammals, fish, reptiles and	
rthropods).	
toes your project consider the supply chain of the goods you are seeking funding for? This includes but is not limited to the materials used in their production, transportation. If so please,	
xplain the ways you have considered local supply chains and the materials of the goods you are	
eeking and their sustainability.	

nould have been omitted in the it now.

If applicable, does your project seek to support local businesses with the and/or services that you are applying for funding for?	e purchase of goods
How does the project compliment other local initiatives?	
What is the anticipated long term impact on the community as a whole from Please refer to section 3.3 of the Terms of Reference.	your planned project?
If applicable, how does your project plan to increase environmental sustain awareness in our community?	nability education and
<ul> <li>Section 7</li> <li>I UNDERSTAND that by signing this application, I agree that my project:</li> <li>Has a distinct start and end date within the year that the grant is provide</li> <li>Has specific deliverables based on the project.</li> <li>Will benefit the residents of Sault Ste. Marie.</li> <li>City of Sault Ste. Marie property held by the organization must have a date tax payments upon the City's receipt of application. Through the grayments must be maintained and up-to-date. Organizations whose pro</li> </ul>	current and up-to- rant period, tax

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arrears will not be considered for this program. Organizations who default on their property taxes through the grant period will not receive any payment from the City of Sault Ste. Marie, and the grant agreement may be terminated immediately. I CERTIFY that to the best of my knowledge, the information provided in the Green Initiatives Program Fund application is accurate and complete and is endorsed by the organization society or City department, which I represent. DATED in Sault Ste. Marie, this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 20\_\_\_\_ NAME Title Signature Phone Number PLEASE RETURN THIS FORM AND RELATED SUPPORTING DOCUMENTATION TO: **Emily Cormier** Sustainability Coordinator, Community Development & Enterprise Services 99 Foster Drive, Level 1 Sault Ste. Marie, ON P6A 5X6 Telephone inquiries: (705) 989-8748 Email: e.cormier2@cityssm.on.ca INCOMPLETE APPLICATIONS WILL NOT BE CONSIDRED. FOR OFFICE USE ONLY Application Received By: \_\_\_\_\_\_ Date: \_\_\_\_\_ **Collection of Personal Information Notice** Personal information of the Green Initiative Fund Application is collected under the authority of the Municipal Freedom of Information and Protection of Privacy ACT R.S.O. 1990 m c.M.56 and will be used solely to determine applicable information necessary for application. Questions about this collection should be directed to the address noted in the Competition Outline.

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Each of the four assessment criteria will count for one quarter (1/4) of the applicant's overall rating. Applicants will be scored on a rating scale from 1 (poor) to 5 (excellent) in each of the assessment criteria for a maximum rating of 20.

1. Environmental	Poor (1)	Fair (2)	Good (3)	Very Good (4)	Excellent (5)	Score
Sustainability Merit	Poor history and achievements.	Vague or incomplete history and achievements.	Defined history and achievements.	Clear and defined history and achievements.	Clear and compelling history and achievements.	
	Missing or irrelevant environmental sustainability influences and no consideration, if relevant, of the priorities of the Green Initiatives Fund Program Guidelines Terms of Reference	Imprecise     environmental     sustainability     community influences,     with no consideration,     if relevant, of the     priorities of the Green	Clear environmental sustainability community influences with consideration, as relevant to project, of the priorities of the Green Initiatives Fund	Relevant environmental sustainability influences with consideration, as relevant to project, of the priorities of the priorities of the Green Initiatives Fund Program GuidelinesTerms of	Vital and relevant environmental sustainability influences with consideration, as relevant to project, of the priorities of the Green Initiatives Fund Program	
	and the City's Greenhouse Gas Reduction Plan	Initiatives Fund Program GuidelinesTerms of Reference and the City's Greenhouse Gas Reduction Plan	Program GuidelinesTerms of Reference and the City's Greenhouse Gas Reduction Plan	Reference and the City's Greenhouse Gas Reduction Plan	GuidelinesTerms of Reference and the City's Greenhouse Gas Reduction Plan	
	Unclear or irrelevant intended activity; poor support materials that don't show quality of work nor demonstrate skills, knowledge or process relevant to the project.	General intended activity; insufficient support materials that don't show quality of past work nor demonstrate skill, knowledge and process relevant to the project.	Distinctive intended activity; good quality support materials that relate to the project, and demonstrate skill, knowledge and process relevant to the project.	Distinctive and interesting intended project	Distinctive and compelling intended project; high-quality support materials that clearly relate to the project, and demonstrate the skills, knowledge and process required to realize the project.	
	Unclear sustainability goals and rationale, with undefined project outcomes.	Unclear sustainability goals and rationale, with poorly-defined project outcomes.	Clear environmental sustainability goals and rationale, with reasonably-defined project outcomes.	Clear environmental sustainability goals and rationale, with well-defined project outcomes.	Distinct sustainability goals and rationale, with robustly-defined project outcomes.	
2. Community and Long-Term Impact	Poor (1)	Fair (2)	Good (3)	Very Good (4)	Excellent (5)	Score
Long-term Impact	Poorly-defined goals, plans and impacts on intended audiences, participants.	Vaguely-defined goals, plans and impacts on on intended audiences, participants.	Goals, plans and impacts on applicant, community and other audiences, participants are included.	Clear and achievable goals, considered plans and defined impacts on applicant and other community groups	Clear and relevant goals, precise plans and well-defined impacts on applicant, community stakeholders and other participants	
	No discernible contribution to fulfilling applicant's development or achievement of objectives.	Unclear contribution to fulfilling applicant's development or achievement of objectives.	Explicit contribution to fulfilling applicant's development or achievement of objectives.	Clear and appropriate contribution to fulfilling applicant's development or achievement of objectives.	Unique and compelling contribution to fulfilling applicant's development or achievement of objectives.	

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Commented [EC1]: The Terms of Reference now includes a revised definition of sustainability and overview of the 9 Anishinaabeg "relatives"

	No service to community      If the project has partners and collaborators, they are insufficiently described and their involvement in the project is not defined.	Little service to community stakeholders with few or missing plans to reach them.     If the project has partners and collaborators, they are named but their involvement in the project is unclear.	Some service to one or more community stakeholders with plans to reach them.      If the project has partners and collaborators: there are detailed interactions, and clear contributions for each partner involved in the project.	Service to one or more community groups with clar plans to reach them.      If the project has partners and collaborators, they are well-chosen, very involved in and relevant to the project.	Service to one or more community stakeholders with strong communication plans to reach them.  If the project has partners and collaborators, they are well-chosen, deeply involved in and highly relevant to the project.	
	The application fails to address the long-term impact or provides minimal consideration of environmental, community, or economic effects. There is no discussion of material sourcing, supply chain ethics, or the broader consequences (present and future) of the project.	The application addresses long-term impact in a limited way, with some mention of sustainability or ethics but lacks depth. Material sourcing and supply chain practices are not fully explained, and the environmental or social consequences (present and future) are minimally considered.	The application provides a solid understanding of long-term impact, considering sustainability in materials, ethical sourcing, and the broader environmental and social effects (present and future). Some details are provided, but a more integrated or comprehensive approach would strengthen the proposal.	The application clearly addresses long-term impact, demonstrating thoughtful consideration of sustainable materials, ethical supply chains, and the environmental and social consequences (present and future) of the project. The approach is well-developed but could benefit from additional detail or clarity in certain areas.	The application thoroughly and clearly addresses long-term impact, with a comprehensive and integrated plan for sustainable materials, ethical sourcing, and positive environmental and social outcomes (present and future). The proposal demonstrates a strong commitment to creating an equitable, sustainable future.	
3. Financial Analysis	Poor (1)     There is little past history of project and budget management, and no indicators of the probability of success.	Past history of project and budget management is not relevant to the current project and doesn't indicate probability of success.	Past history of project and budget management is relevant to the current project and indicates some probability of success.	Very Good (4)     Past history of project and budget management is clear, relevant to the current project and indicates a probability of success.	Past history of project and budget management is clear, relevant to the current project and indicates a high probability of success.	Score
	The work plan is unrealistic, is incomplete, and has insufficient time and resources dedicated to each phase.	The work plan has missing elements, and has not dedicated appropriate time and resources to one or more phase of the project.	success.  • The work plan is realistic, includes general categories of activity, and has sufficient time dedicated to each phase.	The work plan is realistic, includes all the major activities required, and has sufficient time and resources dedicated to each phase.	The work plan is coherent and realistic, includes all the major activities required, and has sufficient time, resources and contingency plans dedicated to each.	

	There are no plans for raising sufficient funds to realize the project, including in-kind donations if relevant, and there is no appropriate mix of revenues (appropriate to the project, applicant and community).	Plans for raising sufficient funds to realize the project, including in-kind donations if relevant, are unrealistic, and don't include an appropriate mix of revenues (appropriate to the project, applicant and community); there is an unrealistic contingency plan.	Plans for raising sufficient funds to realize the project, including in-kind donations if relevant, are realistic, and include and appropriate mix of revenues (appropriate to the project, applicant and community); there is a contingency plan.	Plans for raising sufficient funds to realize the project, including in-kind donations if relevant, are appropriate and realistic, and include an appropriate mix of revenues (appropriate to the project, applicant and community); there is a realistic contingency plan.	Plans for funds to realize the project, including in-kind donations if relevant, are clear and realistic and well detailed	
	Projections of fees and other expenses are not backed up by research and planning.	Some projections of fees and other expenses are backed up by research and planning.	Most projections of fees and other expenses are backed up by research and planning.	Projections of fees and other expenses are backed up by research and planning.	Projections of fees and other expenses are backed up by careful research and planning (e.g. cost estimates and quotes provided)	
4. Project Innovation	Poor (1)	Fair (2)	Good (3)	Very Good (4)	Excellent (5)	Score
and/or Collaboration	No partnerships are mentioned.	Partnerships are mentioned, but they are weak or not well- defined.	Demonstrates partnerships, but they may be limited in number or strength.	Shows partnerships with at least one organization or stakeholder that significantly contributes to the project's goals.	Demonstrates strong partnerships with multiple organizations or stakeholders, each contributing significantly to the project's goals.	
	Lack of clarity on how the project will collaborate with others or innovate.	Roles and responsibilities within partnerships are unclear.	Roles and responsibilities within partnerships are mentioned but may lack clarity.	Roles and responsibilities within partnerships are generally clear, though may lack some detail.	Partnerships are clearly defined, with roles and responsibilities outlined, and evidence of collaboration is provided.	
	No evidence of awareness regarding existing services within the community or efforts to avoid duplication.	Limited evidence of collaboration is provided, with little detail on how partners are involved.	Some evidence of collaboration is provided, but it may be minimal or not thoroughly demonstrated.	Evidence of collaboration efforts is provided, but may be slightly lacking in depth or scope.	The project shows innovative approaches in its collaborations, such as novel ways of problem-solving or resource-sharing.	
	The project demonstrates little to no innovation or collaboration efforts.	Awareness of existing services within the community is lacking, with no effort to address duplication.	Shows awareness of existing services within the community but may not actively address duplication.	Demonstrates awareness of existing services within the community and takes some steps to avoid duplication.	Demonstrates proactive efforts to avoid duplication of services by collaborating with existing organizations within the community.	

The project demonstrates minimal innovation or fails to differentiate itself from existing initiatives.	The project shows some level of innovation, though it may not be particularly groundbreaking.	The project's innovation and collaboration efforts are commendable and likely to have a positive impact.	The project's innovation and collaboration strategies are likely to lead to long-term sustainability and impact.	
			Total	0

### Calculation for City Staff

Organization/Applicant	Project Name:	Committee Member	1.	2. Community	<ol><li>Financial</li></ol>	<ol><li>Project</li></ol>	Total
Name:	-		Environmental	and Long-	Analysis	Innovation	Committee
			Sustainability Merit	Term Impact		and/or Collaboration	Scores Combined
			WEIIL			Collaboration	Combined



# **Environmental Sustainability**Committee Meeting

Monday November 18, 2024 4:00 - 5:30 PM

\*NB: ESC meetings are fast paced. Please come prepared by reviewing the materials in advance.



# 7. Terms of Reference Task Force Update

### <u>Update Overview (TOR)</u>

- Added a statement about Anishinaabeg worldviews emphasizing the interconnectedness of living things and explained the significance of viewing these elements as "relatives" within the Anishinaabe culture
- Revised definition of sustainability, nine (9) relatives, long-term impact, and sustainable supply chains

### **Grant Application Questions**

- 4 questions added (3 under Environment and 1 under community impact)
- 1 question amended

### **Next Steps**

- Discuss proposed edits to date with the committee today (feedback and discussion)
- Meet as a Working Group one more time and bring back the draft to the committee in January
- Once approved by the committee must go to the Council for final approval (NOTE: They have the final say)
- If approved by Council we will look at organizing an information session. Details to be shared at the January meeting



# 7. Terms of Reference Task Force Update

Comments received from committee members to consider as part of Terms of Reference Update

### **Scoring Method Concerns**

- Scoring helps determine the quality of the project, but the committee can also provide a lens above that on how to prioritize the \$.
- Committee members could score all these projects with 20s and then the decision will be to fund them all.

### Other Comments

- Concerns about not needing to fund everything that comes across the table (Staff note: we do not currently have a glut of applications)
- Discuss considering who has received previous funding (and potentially have a -1 if we
  weigh the score so heavily) the community would gain more benefit by spreading the
  funding across multiple organizations and not just to those that keep coming back
  without a plan for sustainable funding in their proposals. (Staff note: Current TOR
  allows more than 1 application a year and is designed on a first come first served. The
  fund has been active in SSM for 4 years and is well known)
- FYI remaining funds are allocated to tree planting and not carried over to the following year due to a Council resolution



# 8. Staff Update

- October 16, 2024 ADSB Speakers Summit Presentation (update on City's Sustainability Portfolio and promotion of Green Initiatives Fund)
- Deep Energy Retrofit (DER) Audit Project the audit of the City's top six

   (6) emitters of community buildings (John Rhodes Community Centre, GFL, Transit Building, Public Works Building, Fire Hall 4, and the East End Wastewater Treatment Plant. The full DER project is expected to be completed by the end of November 2024.
- Battery Electric Bus Study Work is ongoing in the City of Sault Ste. Marie's Battery Electric Bus Study. This study will provide the city with costing, technology, and timelines to support the electrification of its bus fleet.
- John Rhodes Roof Replacement tender development is in progress.
- Transit Administration Building Solar Project Work is ongoing in the City of Sault Ste. Marie's Transit Administration Building Solar Project, it's first solar project.



## 8. Staff Update

- Ecological Corridor Project Kickoff The Sault Ste. Marie and Garden River national priority area for ecological corridors represents an opportunity to delineate and characterize existing protected areas and unprotected natural habitats to develop a consolidated ecological corridor to enhance connectivity between Lake Superior and Lake Huron.
- 2023 Sustainability Report WIP (will include Corporate GHG update, community GHG update, and sustainability report – ETA Fall 2024)
- City EV Charger Project Kickoff September 13, 2024 Supply and Services for five (5) corporate EV chargers (2 at Public Works, 2 at the Civic Centre and 1 at Transit)
- John Rhodes Public EV Charger Project 50% of project funding received from MTO

   more details to come (waiting on ZEVIP application for remaining 25% of project costs)
- BNZ Project Update: Scope of Work developed, working on identifying key stakeholders from City and Community (building mainly) for first discussion meeting (reminder – the goal of this project is to develop a Green Development Standard in SSM)
- November 15, 2024 Sault College BSc Nursing Students Presentation on City's Sustainability Portfolio



# 9. Next Meeting

- Is everyone still good with meeting on the first Tuesday of the month at 4PM next year?
- Due to holidays, I propose Tuesday January 14, 2024, 4:00 5:30
   PM
- Regular Meeting Hybrid (In-personal and virtual)

### **Notes**

Please make every attempt to join <u>in person</u>



### Thank You. Questions?