

WRITTEN SUBMISSIONS RECEIVED AFTER THE PRINTING OF THE FINANCE COMMITTEE AGENDA OF JANUARY 31, 2011

NO.	NAME	PAGE #
1	Elin Maki Flora – “Stick to the Basics”	1
2	Christine Guillot – Affordable and Transitional Housing Initiatives	2
3	Rainbow Routes Association Board of Directors	3-4
4	Major David Carey, The Salvation Army Mens Hostel	5-6
5	Major David Carey, Salvation Army – SAY CEDAR	7-8
6	Major Barbara Carey – The Salvation Army Women & Family Shelter	9-10
7	Patty Cucullo – New Tourism Attractions	11
8	Jana Duncan – Bike Lanes	12
9	Sarah Williams – Bicycle Lanes	13
10	Lara, Sudbury Cyclists Union – Bike Lanes and Bike Racks	14
11	Darren Kleven, Sudbury Cyclists Union – Bicycle Lanes	15
12	Julie Dupuis – Make Downtown More Accessible	16-17
13	Benjamin Reitzel – Bike Lanes	18
14	Milfoil Focus Group, Greater Sudbury Watershed Alliance	19-48
15	Rita Murphy – Bike Lanes	49
16	Maurice Sanche – Rack & Roll on all Transit Buses	50
17	Cait Mitchell – Bike Lanes	51
18	John R. Lindsay, Minnow Lake CAN – Minnow Lake Place	52
19	Ross Kelly, Northern Lights Festival Boreal	53-55
20	David Reilly – Sidewalk Snowplowing, Huntington/Auger	56-57
21	Volunteer Sudbury – Programs and Budget	58-62
22	Christopher Parr – Assistance to start small business	63
23	Linda Makela – Various Items	64
24	Naomi Grant, Coalition for a Liveable Sudbury	65-70
25	Arthemise Camirand-Peterson, New Sudbury CAN – Bike Paths, New Sudbury to Downtown	71
26	David Courtemanche, City of Lakes Family Health Team – 4 th Clinic	72-73
27	Arthemise Camirand-Peterson, New Sudbury CAN – Bus Stops	74
28	The Wahnapiatae Recreational Committee – Wahnapiatae Community Centre	75-76
29	Stuart Greaves, President, Lake Panache Campers' Association Inc. – Improved Public Emergency Access to Helipad & Public Water Access to Lake Panache	77-84
30	Richard Munavish – Traffic Study on effects of connecting Montrose Boulevard to new Maley Drive Extension	85-86

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Friday, January 28, 2011 10:42 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Elin Maki Flora
Organization: none
Daytime phone: 705-692-5265
Email: elin@persona.ca

Oral presentation requested: no

Description of project/program to be funded:
not applicable

Projected benefits to the community:

I would hope that you "stick to the basics", like fixing roads and water/sewers etc. Let's leave non-essentials and frills for a later date in this time of fiscal restraint. I would hope that efficiencies are expected in all departments, and that managers (and employees) are held accountable. I appreciate the work of the auditor to date. Thank you.

Estimated one-time cost:
not applicable

Estimated on-going costs:
not applicable

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Friday, January 28, 2011 12:05 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Christine Guillot
Organization:
Daytime phone: 705-522-1133
Email: christineguillot@hotmail.com

Oral presentation requested: yes

Description of project/program to be funded:
n/a

Projected benefits to the community:
Investment in affordable and transitional housing initiatives. We all know just how the lack of affordable housing affects our city on many different scales. I know because of the different aspects that tie into affordable housing, that it is a very long and intense process to tackle the issue. As the finance committee you need to come up with a step by step action plan that will benefit both the landlords and the renters.

Estimated one-time cost:
n/a

Estimated on-going costs:
n/a

To: City of Greater Sudbury Budget Committee
From: Rainbow Routes Association Board of Directors
Date: January 28, 2011
Re: 2011 Budget Considerations

During the City's 2010 budget deliberations Rainbow Routes Association suggested that the municipality consider setting a percentage allocation of all new capital infrastructure spending towards City Council's goal of making Greater Sudbury the most pedestrian friendly city in Ontario by 2015.

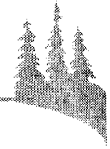
The Sustainable Mobility Plan for Greater Sudbury was presented to Council in June of 2010 as the first step toward reaching that 2015 goal; the recommendations in that document included infrastructure spending that would make walking and cycling safe, accessible and pleasant. These three characteristics are the demonstrated factors that encourage active transportation.

The popularity of the 2 km Ramsey Lake Path, only recently completed, clearly demonstrates the cliché that "if you build it they will come". Cyclists were literally following the paving machine down the path to Laurentian University, and since the paving was completed in August of last year there have been numerous positive reports of the multitude of walkers, runners, cyclists, wheelchair users, long boarders, snow shoers and yes even a uni-cyclist using the path to safely and actively travel the distance between the Sudbury Regional Hospital and Laurentian University.

We as a community are seeking solutions to traffic congestion, air pollution and high rates of obesity. Research consistently shows that shifting people from cars to non-motorized transportation reduces congestion, green house gases and the health implications of inactivity. In order to encourage this shift our city needs to have a plan and the appropriate budget in place to succeed in this area.

The City has a Sustainable Mobility Plan, and Rainbow Routes Association strongly urges the municipality to consider giving equitable consideration to the needs of pedestrians and cyclists by setting a yearly target of 3 to 5% of capital infrastructure spending over the next four years towards accomplishing the capital infrastructure recommendations made in the Sustainable Mobility Plan such as:

- Sidewalks
- Cycling lanes and paths
- Completion of the Junction Creek Waterway Park and Trans Canada Trail
- Safe pedestrian crossings and islands



Economic Growth: Rising health care costs limit the community's ability to grow economically. The economic burden of inactivity in Greater Sudbury is approximately \$25 million per year. These costs would likely be reduced if individuals had access to safe, well connected active transportation routes throughout the City. Furthermore, providing active and safe travel routes will foster growth in the local tourism industry, as has been demonstrated in both Ottawa and Niagara Falls.

Sustainable Mobility Plan for the City of Greater Sudbury 2010

Rainbow Routes wishes to work with the municipality and community partners to take deliberate action towards making active transportation a choice Sudburians can easily make thereby making us the most walkable community in Ontario.

Thank you for your consideration, we look forward to continuing our work with you.

*Rainbow Routes Association
Board of Directors*

London, Ontario Ten Year Capital Budget Plan

- Annual off road multi-used pathway project budget is \$2 million per year
- 10 year capital plan includes \$13 million toward the Thames Valley Parkway (40 km paved non-motorized path) and linkages and passive recreation opportunities along creeks, valleys and upland corridors

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Friday, January 28, 2011 4:08 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: David Carey
Organization: The Salvation Army Mens Hostel
Daytime phone: 705 673 1175
Email: david_carey@can.salvationarmy.org

Oral presentation requested: no

Description of project/program to be funded:

Goals and Objectives - To provide shelter and meals for homeless men in our community - To actively encourage community reintegration - To offer assistance in accessing resources - To participate with community partners in reducing chronic homelessness - To preserve and uplift human dignity We are the only existing residential shelter for men in Sudbury. Our work is in accordance with the standards, policies and procedures of The Salvation Army Canada. We have a capacity for 25 beds and is presently under renovations to improve the quality of service we can offer to our clients. The hostel is open 24 hours a day, 365 days a year. We serve 3 nutritious meals a day. Through the Hostel homeless men have access to a wide range of Salvation Army services including our Addictions treatment centre. As the only residential hostel in the City The Salvation Army remains an integral part of the City of Greater Sudbury's strategy to address homelessness.

Projected benefits to the community:

Estimated one-time cost:

\$201,736.00

Estimated on-going costs:

\$201,736.00 in Operational Top Ups dispersed at a monthly allocation of \$16,812.00

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Friday, January 28, 2011 4:17 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: David Carey
Organization: Major
Daytime phone: 705 673 1175
Email: david_carey@can.salvationarmy.org

Oral presentation requested: no

Description of project/program to be funded:

Say Cedar exists to serve homeless and at high risk males aged 16 to 19 years of age. Our mission is to fill the gap in local support services for housing at risk homeless male youth, with behavior patterns that have led to social, emotional, and psychological instability.

Recognizing their value and potential the SAY CEDAR mission is to assist them in acquiring the basic skills they need to assist them in daily living, continuing their education or seeking meaningful employment. Counselors are available to help youth to understand the reasons behind their actions and to consider consequences. We help youth to consider the long term, help them establish personal goals, and assist them with the tools they need to realize them by: ☐

Providing emergency shelter ☐ Linking them to existing community services ☐ Advocating for them at school, at work or in the community ☐ Family counseling and reintegration (where possible) ☐ Life Skill Training ☐ Creating new services to address unmet needs ☐

Addressing spiritual, social, and emotional needs Say Cedar is the only residential hostel for young males in the City of Greater Sudbury. It is instrumental in keeping youth off the street. It plays an essential role

in The City of Greater Sudburys strategy to address the problems of homelessness.

Projected benefits to the community:

Estimated one-time cost:

\$200,000.00

Estimated on-going costs:

\$200,000.00 dispersed in monthly installments of \$16,666.00

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Friday, January 28, 2011 4:25 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Barbara Carey, Major
Organization: The Salvation Army Women & Family Shelter
Daytime phone: 705-673-1175 ext 226
Email: barbara_carey@can.salvationarmy.org

Oral presentation requested: no

Description of project/program to be funded:

The community continues to have need of a women & family shelter. Usage was again high in 2010 even with all of the efforts to prevent homelessness. The Salvation Army is working hard to get out of the motel which would provide some savings but until that time continues to require the support of The City of Greater Sudbury. Over 6,220 nights of accommodation were provided to homeless women and families in 2010. The support that the city gives is essential to continue to offer this service to the most vulnerable population of Sudbury.

Projected benefits to the community:

The annual funding is very much appreciated by The Salvation Army and the homeless population of Sudbury. In an ideal world homeless shelters would not be necessary but until proper supports for vulnerable populations are in place usage in shelters will continue to be high. A minimum number of staff is required just to offer security, food and shelter.

Estimated one-time cost:

\$278,000 No increase asked for since 2008. This request is for the budget year 2011.

Estimated on-going costs:

The esimated budget for 2011 is \$772,000. This covers \$260,000. in motel costs and \$445,000. in 24/7 staffing costs.

Dear Mayor Marianne Matichuk & Council

CC: Cindy Dent, Leisure Services

As a citizen of Greater Sudbury, I feel our City would benefit greatly from the addition of new tourist attractions. New “family-oriented” attractions would not only increase tourism both local and abroad, but create many new vacation opportunities within our City. In addition this will also create employment opportunities, less social assistance & ease the burden on tax payers. Sudbury’s beauty should be showcased, and our City should capitalize on this beauty. New attractions would help! Science North and Dynamic Earth are good pillars for our local tourism, but we need more. Great additions to our tourism roster might include:

- Great Wolf Lodge
- Outdoor wild-life& amusement park (SUDBURY ZOO)
- Laser Tag
- Outdoor/ Indoor Water Park
- Palladium→indoor/ outdoor amusement park
- Arena events → Disney on Ice & or Children’s live Show’s
- More Festivals (Snow Flake Festival)

Despite our growing population, we have seen very few new attractions added in our City.

With many Sudburians support a petition can be given at a later date

I look forward to discussing & hearing your views on this proposal.

I can be reached at 705-522-9090& or e-mailed at icepolar_paw@yahoo.com

Sincerely;
Patty.Cucullo

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Friday, January 28, 2011 11:10 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Jana Duncan
Organization:
Daytime phone: 705-674-8670
Email: janalaframboise@mail.com

Oral presentation requested: no

Description of project/program to be funded:

Bike lanes in Sudbury would give my family and I a safe way to bike to work, school, and other activities.

Projected benefits to the community:

Estimated one-time cost:

not a request

Estimated on-going costs:

not a request

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 1:14 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Sarah Williams
Organization:
Daytime phone: 705 521 5931
Email: sm_williams@laurentian.ca

Oral presentation requested: no

Description of project/program to be funded:

There are many cyclists here in Sudbury, and it would be great if we had the safety we need to be cyclists on the road and not pedestrians on wheels riding the side-walks. We would like to see bicycle lanes on all main roads, through Sudbury and its smaller communities in Greater Sudbury. The access to bicycle lanes would decrease vehicle traffic, be scenic and enjoyable as well as creating a place for residents to feel safe and partake in healthy activities.

Projected benefits to the community:

Estimated one-time cost:

I do not know.

Estimated on-going costs:

I do not know.

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 8:04 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Lara
Organization: Sudbury Cyclists Union
Daytime phone: (705) 670 8789
Email: ly_gardner@laurentian.ca

Oral presentation requested: no

Description of project/program to be funded:

Bike lanes in Sudbury. Cyclists who want to pursue an active lifestyle are in danger abiding the law and riding on the streets. Bike lanes would make the roads accessible for cyclists, without hindering drivers.

Projected benefits to the community:

More bike racks around the city would also be very useful

Estimated one-time cost:

unknown

Estimated on-going costs:

unknown

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 9:11 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Darren Kleven
Organization: Sudbury Cyclists Union
Daytime phone: 705 665 6786
Email: darrenkleven@hotmail.com

Oral presentation requested: no

Description of project/program to be funded:

This project would benefit the community slowly, subtly and over time by allowing cyclists to conceive of using their bicycles more as an occasional way to run errands and to get to work. There is a lot of fear among cyclists (and rightly so) of using our main arteries to cycle on. We unfortunately have to carry all of our traffic on a handful of main arteries due to our extreme geography. Specifically I would like to see a designated bike lane parallel the Bell park boardwalk once the work is completed on the new outdoor venue.

Projected benefits to the community:

As a person who lives in Lo-Ellen park and regularly walks or cycles to my downtown work, I (and my spouse) would very much appreciate 1) the installation of a cycle lane either on the roadway or 2) the official designation of the paved boulevards adjacent to sidewalks all over this city as bicycle lanes. Perhaps over time some improvements could be made to truly turn them into cycle lanes.

Estimated one-time cost:
minimal

Estimated on-going costs:
minimal

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 10:00 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Julie Dupuis
Organization:
Daytime phone: 705-507-1842
Email: julie.dupuis@gmail.com

Oral presentation requested: no

Description of project/program to be funded:

Projected benefits to the community:

One of my favourite things about Sudbury is how its downtown is bypassed by the nearest main artery, Notre-Dame/Paris. This keeps unnecessary traffic out of downtown. But I think we should be doing more to make downtown more accessible without inviting in more traffic. Benches along the streets for people to stop and sit would help, since it can be tiring to walk across all of the downtown area, especially for more elderly folks. For younger people, this would still be a welcome addition for people who'd like to have their lunch outside, for example, or for those who decided to walk or bike into the area and want a bit of a rest before heading to work or as they're shopping. Shelters at bus stops would help a lot, too. It might be the factor that lets people decide to take the bus versus the car (it's too cold to wait outside, but at least the shelters make it bearable). More bike racks would keep even more cars out of downtown. For people who do take their cars downtown, a parking lot at the periphery would keep cars out but let people access the area's commerce. Parking should be free

with proof of purchase and reasonably priced without any purchases. The heart of the city can't be blockaded with high parking rates. Many people downtown contribute to Sudbury's economy and culture without spending much money. Along the same lines, Sudbury should beautify downtown with trees, flowers, and local artwork such as sculptures and graffiti to ensure that it is always attractive. The City should hand out busking permits in the downtown area to encourage musical expression and cultural appreciation and to exercise some control over downtown busking while earning (minimum) dollars for it (buskers are usually broke). By reinvigorating downtown, Sudbury would be promoting a livable community we will all want to be a part of.

Estimated one-time cost:

Estimated on-going costs:

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 4:32 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Benjamin Reitzel
Organization:
Daytime phone: 7055225989
Email: ben.reitzel@gmail.com

Oral presentation requested: no

Description of project/program to be funded:

These sharrows would be particularly effective along Paris Street that would connect the current bike lanes that exist between Laurentian University and Paris Street that go from Science North towards the former St. Joseph's hospital.

Projected benefits to the community:

Where bike lanes cannot be integrated into the city's current infrastructure. Sharrows would facilitate reminding motorists that cyclists are permitted on the road however it would also remind cyclists where they are supposed to be on the road.

Estimated one-time cost:

I am not apprised of the cost of hiring road crews to paint these sharrows.

Estimated on-going costs:

I am not familiar with current city bylaws regarding the required repainting of street lines.

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 6:23 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Milfoil Focua Group
Organization: Greater Sudbury Watershed Alliance
Daytime phone: 705-866-2312
Email: lesleyf@xplornet.com

Oral presentation requested: yes

Description of project/program to be funded:

Eurasian Water Milfoil Abatement Program for 8 Sudbury Lakes, we are the city of lakes.

Projected benefits to the community:

Estimated one-time cost:

2011- \$94,000

Estimated on-going costs:

2012 - \$46,000 2013 - \$34,000

Conceptual Project Outline: Biological Control of Eurasian Watermilfoil with the Milfoil Weevil, *Euhrychiopsis lecontei* in Eight Greater Sudbury Lakes

Prepared for the Greater Sudbury Watershed Alliance

by EnviroScience, Inc.

December, 2010

Introduction

A number of lakes in the Great Sudbury area have been impacted by the invasive aquatic weed Eurasian watermilfoil (hereafter referred to as EWM) since at least 2001. EWM was first introduced in North America in the 1930s and has since spread to virtually every state in the U.S. and half of Canada. This aggressive invader interferes with all forms of recreation in the lake and chokes out desirable native vegetation, often resulting in a dense monoculture.

EWM spread rapidly in broad areas of most of the affected Sudbury lakes, converting large areas into a monoculture and crowding out desirable native species. In response to this and other threats to our lakes, the Greater Sudbury Watershed Alliance (GSWA) was formed to organize the lake, river and creek stewardship committees of Greater Sudbury to educate and advocate for healthy watersheds.

Need a paragraph here describing the two watersheds that encompass the participating lakes?

The various member organisms and individuals making up the GSWA have investigated various control methods for dealing with the Eurasian watermilfoil problem in our lakes. These have traditionally been grouped into either herbicide-based or mechanical. It is recognized that any herbicide-based control strategy provides a relatively short term solution. Herbicides are not only impractical for the broad scale infestations in our lakes, they are inconsistent with the principles of environmental sustainability which are important to our member organizations and citizenry. Mechanical control methods such as mechanical harvesting create fragments and can actually increase the rate of spread of this nuisance within the watershed. In response to the continuing spread of Eurasian watermilfoil and a desire for a more environmentally sound solution, GSWA is interested in exploring the potential of biological control to provide long-term, sustainable control of EWM in eight of the Greater Sudbury lakes.

The milfoil weevil was first identified as a likely biocontrol agent for EWM in the late 1980s. Over the next decade extensive university research confirmed that this native insect is highly specific to watermilfoils, and strongly prefers EWM over native milfoils, including its native host, *Myriophyllum sibiricum* (Northern watermilfoil) (see Sheldon and Creed, 1995). This specificity, coupled with the fact that the weevil is native to much of North America, makes the weevil nearly an ideal biocontrol agent. Based on this research, EnviroScience, Inc. in cooperation with Middlebury College (VT) began making the weevil commercially available in 1998. Since that time, more than 200 lakes in 14 U.S. states and two Canadian Provinces have successfully used the weevil to obtain long-term, lake-wide control.

In particular, several Ontario project lakes have had well-publicized success with the milfoil weevil. Of particular interest is Clear Lake in Espanola which completed its third year of a stocking program in 2010. The program was designed and implemented by EnviroScience, an Ohio-based ecological consulting firm.

This document provides an outline to explore the potential for the milfoil weevil (*Euhrychiopsis lecontei*) to provide long-term control of EWM in the Greater Sudbury Lakes. We proposed to stock the weevils in eight of the most severely affected Greater Sudbury lakes. The project scope for this project is described below.

Project Objectives

Two major objectives have been established for this proposed project. These objectives include:

1. Demonstrate the potential for milfoil weevils to provide sustainable and low-maintenance control of EWM in eight Greater Sudbury area lakes. This objective will be accomplished by stocking a total of approximately 145,000 milfoil weevils in approximately 32 locations over a three year period beginning in July of 2011.
2. Collect sufficient, rigorous data to support publication of the findings in one or more peer-reviewed journal articles. This will require pre- and post-application monitoring surveys annually throughout the term of the project.

Anticipated Outcomes/Benefits

We anticipate that this project will result in large, well-established populations of milfoil weevils in each of the project lakes, ultimately reducing existing populations of Eurasian watermilfoil by 80% within five years. Depending on the lake, we would expect lake-wide reductions of more than 60% by the end of the project term in 2013.

As noted, it is expected that the benefits of this program will extend well beyond the term of this project. By establishing a long-term, sustainable population of this native insect in each of the participating lakes, we expect to take Eurasian watermilfoil from a dominant species to a relatively small part of the overall macrophytes community. In addition, this project will demonstrate the feasibility of a community-based approach to sustainable, environmentally-responsible control of this exotic invasive species.

Technical Considerations

There are many technical considerations that must be taken into account for this project. Several of the most important of these are described below.

1. **Host Specificity-** *E. lecontei* has been well documented as being extremely specific to watermilfoils (Solarz and Newman, 1996). In fact, work by Sheldon and Creed (1995) has demonstrated that the weevil can survive on only two of the many species of milfoil found in North America. These are EWM (*M. spicatum*) and Northern watermilfoil (*M. sibiricum*). In more than one hundred project lakes, EnviroScience has confirmed this host specificity and documented

that the population of weevils declines as the quantity of milfoil is reduced. In other words, the weevil is incapable of shifting to alternate aquatic or terrestrial food sources.

- 2. Number of Sites and Weevils-** EnviroScience is proposing to implement an aggressive treatment program in 2011 at a limited number of sites within each of the participating project lakes. The number of sites and the total number of weevils to be stocked varies depending on the relative size of the lake and the degree of infestation. Each stocking site will consist of an isolated, approximately 1,000 m² section of lake dominated by EWM into which no less than 4,000 milfoil weevil eggs and larvae will be simultaneously stocked. In general, no lake will have fewer than two stocking sites and 8,000 weevils. The largest lake in the project, Long Lake will be stocked during each year of the project and will have a total of 34,000 weevils stocked in a total of seven locations. Table 1. provides details on the proposed sites and numbers of weevils per lake.

This approach will demonstrate the potential of weevils to control milfoil throughout the lake, and in fact, we would expect that as the initial stock of weevils increases, they will move out and rapidly begin to colonize the lake as a whole.

- 3.** Within each lake, the placement of the sites, as well as the number of weevils to be stocked in each location, will be determined shortly before stocking in mid-summer when the milfoil is high in the water column. No less than 4,000 individuals will be stocked in any given site. To ensure maximum reproductive success, the culturing and stocking will be performed so that the weevils used in a particular site will be all the same age cohort and stocked at the same time.
- 4. Source of Weevils and Location of Culturing-** To eliminate the possibility of transporting unwanted and potentially harmful 'hitchhiker' organisms from other parts of the U.S., EnviroScience will establish a regional culturing operation in Ontario, most likely in the Greater Sudbury area. Weevils used to start the cultures will be collected from indigenous populations known to exist in Ontario areas. Milfoil plants used in the culturing process will also be collected locally.

Table 1. Greater Sudbury Watershed Alliance Schedule for Milfoil Weevil Stocking

		2011	2012	2013	Total Weevils
Richard Lake	No. of Sites	2	1	1	18,000
	No. of Weevils	10,000	4,000	4,000	
McFarlane Lake	No. of Sites	3	2	1	28,000
	No. of Weevils	15,000	7,000	6,000	
Grant Lake	No. of Sites	0	1	1	8,000
	No. of Weevils	0	4,000	4,000	
Long Lake	No. of Sites	3	2	2	34,000
	No. of Weevils	18,000	8,000	8,000	
St. Charles Lake	No. of Sites	1	1	0	9,000
	No. of Weevils	5,000	4,000	0	
Simon Lake	No. of Sites	2	1	1	18,000
	No. of Weevils	10,000	4,000	4,000	
Middle Lake	No. of Sites	2	1	1	16,000
	No. of Weevils	8,000	4,000	4,000	
Hannah Lake	No. of Sites	2	1	0	14,000
	No. of Weevils	9,000	5,000	0	
Total		75,000	40,000	30,000	145,000

5. Monitoring and Data Collection- A critical component of this project is a monitoring program which will measure the impact of the weevils and allow for the quantitative comparison of the treatment sites with untreated sites. We recognize that a project of this nature provides tremendous educational opportunities and numerous opportunities for collaboration with local institutions such as Living with Lakes and Laurentian University.

It is our intent to identify a qualified independent investigator to conduct independent monitoring and reporting. Due to time constraints we have not yet secured agreements for this monitoring. In addition to local researchers at Living with Lakes and Laurentian University, possible collaboration with Dr. Eric Sager

at Trent University, Peterborough will be explored. Dr. Sager manages the University's Oliver Ecological Centre and has an active graduate research program researching milfoil weevils.

For the purposes of the budget, we are assuming that costs associated with monitoring and reporting will be assumed by the participating institution. Given the time constraints involved and to provide Environment Canada with assurance that the monitoring will be performed, EnviroScience, Inc., the contractor supplying the weevils has agreed to provide the monitoring and reporting as an in-kind donation should it be necessary.

Although it is our strong preference to have the monitoring conducted by a third party, EnviroScience's willingness to perform the monitoring will ensure that rigorous data are collected as part of the project. EnviroScience is committed to working with the selected researcher(s) to develop appropriate and technically rigorous monitoring protocols. The following paragraphs provide a brief outline of the technical approach that EnviroScience uses as part of its routine monitoring protocol. We expect that the researcher(s) participating in the GSWA project will use similar protocols to ensure consistency.

Stocking, Monitoring and Reporting

Before milfoil weevil application, each proposed weevil stocking site will be circumnavigated to determine and map the location and size of watermilfoil beds with differential GPS. During mapping, the milfoil species, size of the population, and presence of native species will be noted. For each site, three transects will be located within the stocked milfoil beds. Transects run perpendicular from the shoreline to the edge of the milfoil bed collecting the top 50 cm of EWM stems as follows: 3 transects/bed x 5 sampling points/transect x 2 stems/sampling point = 30 stems/site with transects approximately equidistant from one another: one through the center of the bed, and one on each side of the bed. In addition, milfoil weevil effects within each project site will be measured by determining the percent damage to three sets of ten randomly selected stems. This type of data collection will occur in milfoil beds at various points around that lake. In addition to the locations, one or two untreated monitoring locations will be established in each lake to provide data that can be used for comparative purposes. These monitoring (control) sites, not stocked with weevils, will also help track the movement of weevils throughout the lake.

Changes in the aquatic plant community will be monitored by visual inspections and biomass sampling. Ten plant biomass samples (0.1 m²) will be collected at each watermilfoil site prior to stocking, and again in late August in both years, to estimate watermilfoil density per area (m²). All samples collected in the lake will be placed in a cooler on ice and refrigerated immediately upon returning to the lab for processing within 1 week of collection. The transect plant material will be observed under a microscope for the identification of weevil life stages (eggs, larvae, pupae, adults and distinctive larval damage). Counts will be used to

estimate abundance of weevils on watermilfoil stems. Plant biomass samples will be separated by plant species. Wet and dry weights will be measured.

After the initial survey is completed, EnviroScience, Inc. will apply weevils to the sites established. The company is currently the only entity engaged in the commercial production and release of the milfoil weevil. The first follow-up monitoring event will be conducted six to eight weeks after weevil application.

The milfoil weevil can lay an average of two eggs per day (Sheldon and O'Bryan 1996a) and has from three to five generations per summer (Mazzei et al. 1999). This fecundity provides a tremendous potential for the milfoil weevil population to rapidly increase and reduce EWM populations. As a biological control agent, the milfoil weevil should return to the watermilfoil beds every year, thereby creating a long-term control option for the Greater Sudbury are lakes.

Both stocking and untreated monitoring sites will at a minimum be analyzed twice times each summer for a period of two years. This includes an event immediately prior to stocking and, one in late summer (late August or early September). These surveys will, at a minimum, utilize sampling transects to evaluate the following parameters or features:

- Milfoil stem density;
- Enumeration of all weevil life stages;
- Identification and relative abundance of all macrophytes along the transects;
- Plant biomass; and
- Average plant height or 'freeboard'.

Data from these surveys will be compiled and an annual report will be produced

With these data, we will be able to directly compare the effect of the milfoil weevil on stocked milfoil beds vs. unstocked beds. Results from year one will provide information on the effect of the milfoil weevil immediately after stocking. Monitoring the second and third years will provide information on possible long-term effects of weevil stocking on milfoil populations and the ability of the milfoil weevil to survive over winter and re-establish large populations. By providing biomass of watermilfoils and native plants, we will be able to determine whether native plants are coming back into a milfoil-dominant bed. Scientific monitoring of milfoil beds and weevil populations before and after a 'high-density' weevil application is greatly needed to demonstrate the ability of the milfoil weevil to control milfoil populations in a whole-lake setting by using the techniques used by EnviroScience. Presentation of the results at regional and national meetings along with publications in peer-reviewed journals will communicate this information to relevant audiences.

Estimated Costing

The projected costs associated with this project include expenses associated with weevil culturing, stocking, and pre- and post-application monitoring and reporting. The following paragraphs briefly describe these tasks and costs for each are approximated.

- 1. Task One: Culturing- \$145,000** Preparatory tasks associated with weevil culturing include identifying a suitable space for the culturing activities (must be temperature-controlled), hiring a temporary staff of approximately 9 people, identifying adequate collection locations for the starter organisms, and hand collection of approximately 8,000 adult *E. lecontei* from dozens of potential collection sites scattered around southern Ontario. The actual culture operation will require approximately nine full-time employees for a minimum of four weeks. A total of 145,000 weevils will be produced in weekly batches and stocked within 36 hours of being removed from the culture tanks.

Included in this cost are all expenses associated with project-related travel, labor, materials needed for culturing and the purchase price of the weevils.

Note: the \$145,000 quoted for the weevils represents a 20% discount from the normal fee of \$1,200.00 per thousand weevils. This translates to a \$29,000 in-kind donation by the contractor EnviroScience, Inc.

- 2. Task Two: Stocking- \$6,360 (\$2,120 per year)** These costs include labor and expenses associated with EnviroScience's placement of the organisms in the participating lakes.
- 3. Task Three: Three Years of Monitoring and Reporting by EnviroScience, Inc.**

As noted, EnviroScience has agreed to perform monitoring and reporting should agreements not be reached with local institutions. EnviroScience will donate these services, and estimates that its actual costs for three years of monitoring total approximately \$22,500. These costs include travel, equipment rental, GIS mapping, and labor associated with conducting pre-application surveys, one follow-up survey each year, and the preparation of an annual project reports from 2011 to 2013.

Schedule for Payment

Anticipated agreements with the contractor EnviroScience, Inc. will likely require full payment of each year's project costs at the time stocking is completed. A likely payment schedule is outlined below:

Year	Cost for Weevils	Stocking Cost	Total for the Year	Due Date
2011	\$75,000.00	\$2,120.00	\$77,120.00	01/08/2011
2012	\$40,000.00	\$2,120.00	\$42,120.00	01/08/2012
2013	\$30,000.00	\$2,120.00	\$32,120.00	01/08/2013
Totals	\$145,000.00	\$6,360.00	\$151,360.00	

Qualifications and Experience of the Contractor

EnviroScience has provided biomonitoring services to federal, state, and municipal governments, as well as industrial and private clients since 1988. Our attention to detail and personalized service has allowed us to rapidly grow to one of the regions largest and most respected toxicity laboratories. Likewise, our successful completion of projects ranging from small studies on intermittent streams to major surveys throughout the eastern U.S. has given our aquatic survey group a reputation for excellence and made us a leader in this specialized field. EnviroScience has also conducted a large number of wetland delineations, endangered species and terrestrial surveys for a number of satisfied clients. These include projects for the U.S. Army, Departments of Transportation and Natural Resources in states throughout the Midwest, municipalities, commercial developers and private land owners.

NAME: EnviroScience, Inc.

SERVICE: Ecological and Biomonitoring Services

ORGANIZATION: Small Business, Incorporated 1988 in the State of Ohio

PERSONNEL: 3 Principals, 45 Employees
36 Scientists (6 Ph.D., 10 M.S., 20 B.S.)
6 Technicians
3 Laboratory Assistants

	1 Certified Wastewater Treatment Operator (Ohio)
	9 Certified SCUBA & 4 ADC Certified Commercial Divers
LOCATION:	Stow, Ohio with Ontario Culturing Facilities in a location to be determined
	(800) 940-4025
KEY CAPABILITIES:	Endangered Mussel, Fish, Bat and Reptile Surveys
	Wetland Delineation and Mitigation Services
	Underwater Inspection and Dive Services
	Natural Resource Planning and Monitoring
	Biological Control of Eurasian Watermilfoil
	GIS / GPS Services
	Water and Sediment Toxicity Testing

EnviroScience specializes in providing high quality biomonitoring services both in the laboratory and in the field. Because biomonitoring is our only business, we strive to stay at the forefront of the regulatory and scientific developments in this rapidly changing field. The company has three divisions corresponding to the major areas of emphasis: Aquatic and Ecological Survey, Lake Management, and Laboratory Services. The first of these provides a full range of biological surveys, with aquatic surveys and wetlands surveys being the specialties. The Lake Management group provides complete lake and reservoir services including treatment using Milfoil Solution®, a biological process for Eurasian watermilfoil control. Laboratory Services includes water and sediment bioassay testing and TIE/TRE projects.

In addition to its core staff, the company draws on a network of consulting employees with particularly high levels of expertise in one or more disciplines ranging from archaeology to vertebrate zoology. Our consulting employees are generally Ph.D. scientists having on average 20 years of experience in their respective disciplines. By bringing in experts on an as needed basis who have literally 'written the book' in a particular field, we can support our clients with world-class expertise and resources at a reasonable cost.

A detailed list of services and capabilities, including project summaries is available on our website: www.enviroscienceinc.com

References

- Sheldon, S. P., and R. P. Creed. 1995. Use of a native insect as a biological control for an introduced weed. *Ecological Applications* 5: 1122-1132.
- Mazzei, K.C., R.M. Newman, A. Loos, and D.W. Ragsdale. 1999. Developmental rates of the native milfoil weevil, *Euhrychiopsis lecontei*, and damage to Eurasian watermilfoil at constant temperatures. *Biological Control* 16:139-143.
- Sheldon, S. P., and L. M. O'Bryan. 1996a. Life history of the weevil *Euhrychiopsis lecontei*, a potential biological control agent of Eurasian watermilfoil. *Entomological News* 107: 16-22.
- Solarz, S. L., and R. M. Newman. 1996. Oviposition specificity and behavior of the watermilfoil specialist *Euhrychiopsis lecontei*. *Oecologia* 106: 337-344.

Stewart Meikleham
485 Clear Dr.
Espanola ON
P5E 1N6

Jan 25, 2010

Dear Mr. Hodge

There is nothing more satisfying than having a project that helps not only people, but the environment, succeed.

This was the case for me last summer when I truly realized that the years of watching a lake I love slowly dying because of an invasive plant were over. That the hard work and support not just from a few people but from an entire community was more successful than imagined.

I understand that you are embarking upon a similar journey to save your lakes. This is a noble cause and from my experience a likely successful outcome.

The company, EnviroScience, are the professionals in this field. They will work with you and your community all the way through the project. They will provide yearly reports, an example of which I have attached. They are also, I have the lake to prove it, the best choice and environmentally friendly solution to this invasive plant that is attacking our lakes.

I welcome you and your community to visit Clear Lake in Espanola to see the success for yourselves.

Please feel free to contact me at any time if you have any questions or concerns.

Thank you,

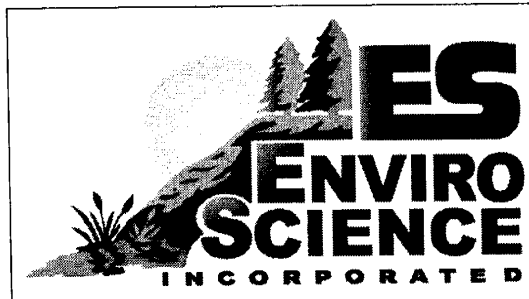
Stewart Meikleham BSc., BA., BEd., PEng
Councillor of Espanola
705-869-6988

**2010 Progress Report & Summary of the
Milfoil Solution[®] Program
in
Clear Lake**

Prepared for:

Town of Espanola

Prepared by:



EnviroScience, Inc.,
3781 Darrow Road, Stow, Ohio 44224
(800) 940-4025 · www.enviroscienceinc.com

October 18, 2010

I. Introduction

Clear Lake, Espanola, Ontario, has been infested with the exotic aquatic plant, Eurasian watermilfoil, (*Myriophyllum spicatum*) for a number of years. In 2008, the Town of Espanola contracted with EnviroScience Inc., to implement a biological control program to manage the Eurasian watermilfoil (EWM), using the native milfoil weevil (*Euhrychiopsis lecontei*). This report is a final summary of the Milfoil Solutions® (formerly MiddFoil®) program which the Town of Espanola and the residents of Clear Lake began in the summer of 2008. The program was conducted in a similar manner each year, beginning with initial surveys at the program sites and stocking of the milfoil weevil (*Euhrychiopsis lecontei*) in June or July and followed by additional surveys in the late summer. The surveys entailed both quantitative and qualitative measurements at each site, including EWM and milfoil weevil densities, presence and extent of weevil damage to the EWM, weevil life stages present, and identification of native aquatic plants.

The table below reviews the Milfoil Solution® program for Clear Lake, including site establishment and number of weevils stocked.

Year/Option	Survey Dates	Sites Established	Number of weevils
2008	Initial: 6/27 Follow-up: 8/21	S1; S2	10,000
2009	Initial: 7/16 Follow-up: 8/26	--	10,000
2010	Initial: 7/8 Follow-up: 9/2	--	16,000

II. 2008-2009 Summary

EnviroScience biologists first visited Clear Lake in June 2008. Two dense beds of EWM were selected at that time as weevil stocking sites. Site 1 (S1) is located approximately 100 feet west of the public beach on the eastern end of the lake, and Site 2 (S2) is in a bay just east of where a small peninsula extends into the lake (Figure 1). The EWM at both sites was mostly healthy with numerous red meristems (the growing tips of the plant). Weevil life stages and weevil damage to the plants were discovered in both areas. This finding indicated that Clear Lake had an indigenous population of milfoil weevils. The field team performed surveys at the sites, taking three EWM transects and density measurements from the beds as well as recording the native plant species. The EWM samples collected were analyzed in the laboratory, where weevil life stages and

Clear Lake Milfoil Solution® Stocking Locations

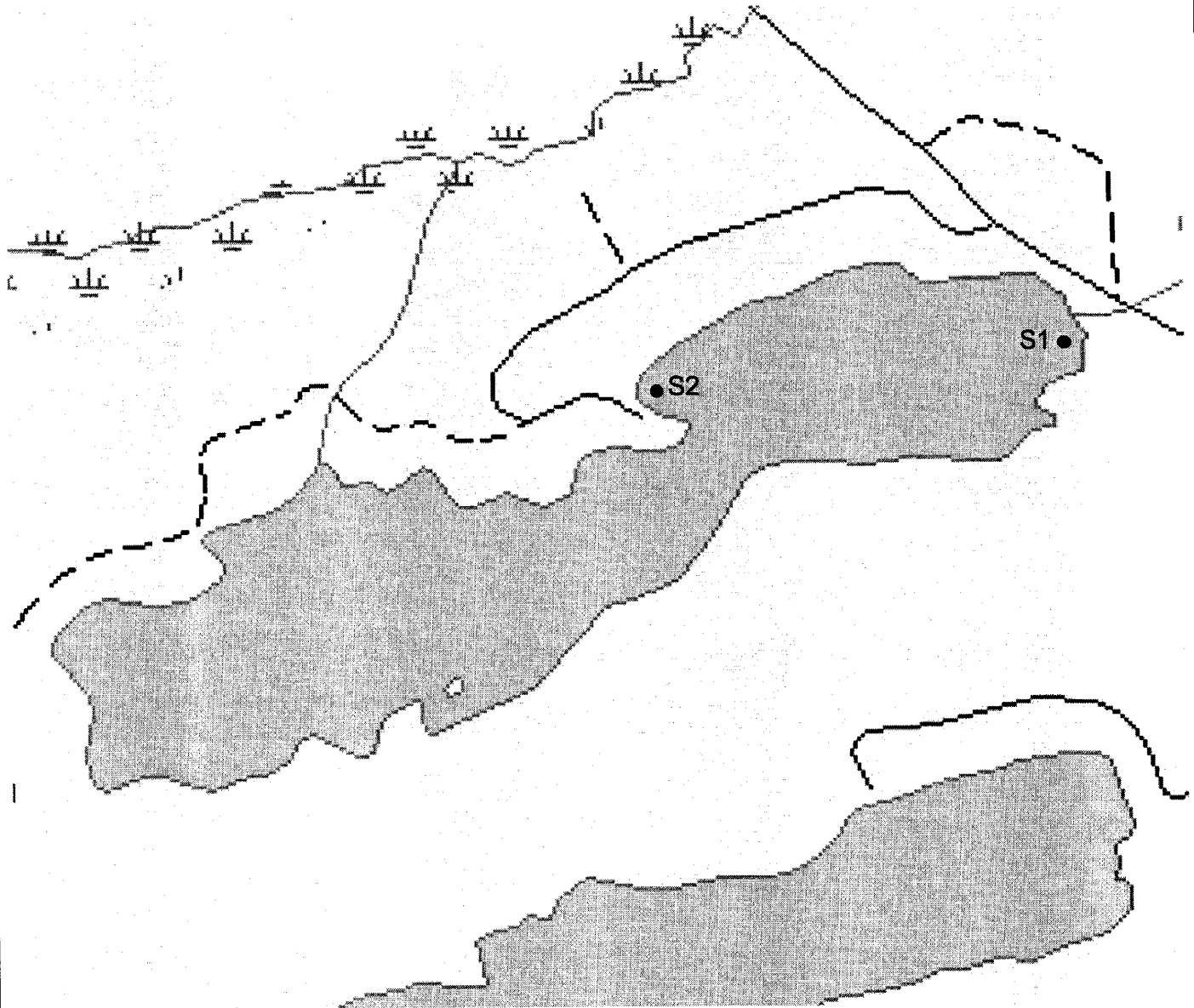


Figure 1.

Clear Lake, ONT, Canada

1000 500 0 1000 ft

● 2008-2010 Stocking Location



weevil damage were found (Table 1). After completing the surveys, 5,000 weevils were stocked at each site. Biologists returned in August 2008 to conduct follow-up surveys.

Surveys were again conducted in Clear Lake at S1 and S2 in July 2009, followed by stocking 5,000 more weevils at each site. The milfoil bed at S1 had shifted out beyond the buoy, extending deeper into the lake to the west of the beach. The plants were dense and comprised about 90% of the plant community. Other native plants were observed, along with weevil adults, eggs, larvae, and damage on the EWM. The milfoil at S2 was moderately dense, comprising around 75% of the plant community in the site. Weevil eggs, larvae, and damage were observed in this site as well. The bed did not appear to have changed shape since 2008. By the end of the summer 2009, the EWM follow-up density measurements from both sites remained well below the 2008 follow-up surveys.

III. 2010 Results

The Milfoil Solution® surveys measure both qualitative and quantitative information at each weevil stocking site. Quantitative data measured includes analyses of a total of 30 stems from three transects (Table 1) along with EWM densities (Table 2). The densities were calculated by collecting EWM stems from a 0.09 m² PVC quadrat. The number of milfoil stems was then counted and converted to a number of plants per square meter. Qualitative information includes native aquatic plant identification, EWM condition, and presence and extent of weevils and weevil damage. These measurements help to track fluctuations in density of the milfoil beds over time.

Initial Survey

S1

The EWM bed at S1 no longer extended as far into the lake as it had in 2009. The original buoy is no longer present, but the EWM stretches along in a lateral bed parallel to the shoreline approximately 100 feet from shore. The EWM was moderately dense and comprised 50% of the aquatic plant community at the site. The plants appeared to be heavily damaged; many of the meristems were missing and the stems were weak and crumbling. Weevil adults, eggs, larvae, and pupae were all observed in the field, in addition to weevil damage to 90% of the EWM. Weevil larvae were also found in the transects taken from S1. The average EWM density was 114.78 stems/m² (Table 2). Upon completion of the survey, EnviroScience biologists stocked 9,000 weevils in the site.

S2

The milfoil bed surrounding the buoy at S2 was also moderately dense at the time of the initial survey and stocking this year. It made up 50% of the aquatic plant community in the site. The EWM stems in this site appeared to be somewhat sturdier than those in S1, but weevil damage was found on 80% of the plants. Weevil adults, eggs, pupae, and larvae were all observed in the field. Eggs, pupae, and larvae were all found in the transect stems analyzed in the lab. The average EWM density for the site was 118.56 stems/m² (Table 2). 7,000 weevils were stocked in S2.

Follow-up Survey

S1

The EnviroScience field team returned to Clear Lake on September 2, 2010, for the final follow-up surveys. The EWM bed at S1 was moderately dense, comprising approximately 70% of the aquatic plant community at the site. The milfoil was unhealthy; most of the stems had turned brown and were bent over, falling out of the water column. Weevil larvae were observed in the field and on the transects taken back to the lab. The average EWM density was 88.89 stems/m². Virtually none of the EWM stems in the bed were found topped out above the surface of the water.

S2

The milfoil in S2 was relatively sparse. The bed was mainly concentrated east of the buoy (toward the main body of the lake), and the EWM made up 50% of the aquatic plant community. The plants were severely damaged and the bed appeared to have thinned out since the beginning of the summer. Several weevil adults were seen in the field, and many of the plants taken back to the lab were too heavily damaged to be analyzed for weevil life stages. The average EWM density was 107.44 stems/m². None of the EWM stems were topped out.

The new EWM bed referenced in the 2009 Clear Lake report had disappeared and was not seen again this year. This bed was approximately 25 feet south of S2, just where the edge of the bay starts to open back up into the rest of the lake. A large slab of rock just below the surface divided this new bed from S2. This area should continue to be monitored and could be considered as a potential future treatment site.

IV. Discussion

The purpose of the Milfoil Solution® is to control the rapid growth and spread of EWM using the milfoil weevil. When utilizing a biocontrol organism such as the weevil, it is important to keep in mind that the rate of control of the EWM can vary from lake to lake.

Many factors influence the success rate of the weevil, including lake size, presence and type of shoreline habitat, amount and condition of the EWM, number of weevils stocked in the lake, and the amount of recreation on the lake. Clear Lake has shown that it has the necessary conditions present to support a weevil population year-round as supported by the existence of a native milfoil weevil population. Density variation between the EWM and the weevil population are natural and to be expected, as the EWM has the ability to reproduce and spread at a much faster rate than the weevil. However, as the weevil population begins to control the EWM, the weevil numbers will decline with less and less milfoil. If seasonal conditions promote rapid milfoil growth in a particular year, the weevil population may take an extra season to “catch up” with the EWM before they can bring the milfoil back down. We have been observing this exact pattern occurring in lakes in the northern United States and southern Canada that implement the Milfoil Solution® program.

Weevil density measurements made during a Milfoil Solution® program are taken at two distinct times and provide information for only a small window of the entire season. Thirty stems are typically removed for analysis of the weevil population in a particular milfoil bed and are a minute fraction of the total number of stems in that area. With this in mind, it is important to understand that a zero weevil density measurement does not mean the population in that area is zero. A review of the weevil density data from the entire program reveals that higher numbers of weevils are present during the early season when initial surveys and weevil stocking are completed (Table 1.). This is consistent with research conducted at Middlebury College, Vermont (Sheldon and O'Bryan, 1996). Their study of the life history of a natural population of weevils in a lake found that adult weevils make up the lowest percentage of the population through the course of a summer with their numbers peaking in mid July. Their research also shows significant declines in all life stages in mid- to late August with some annual variation.

As the weevil population increases over the course of a Milfoil Solution® program, EWM density tends to increase between the initial and follow-up survey, with the change becoming less each year (Figure 2.). Once the weevil population is high enough the follow-up survey density tends to be less than the initial. This trend is typical for the third year of a program and is the exact pattern that was realized between 2008 and 2010 at Clear Lake.

In summary, the Milfoil Solution® program at Clear Lake, Espanola, Ontario, is a valuable model for the successful use of a biological control. The results of the three-year program demonstrate measurable control of EWM in the following ways:

1. EWM density decreased by 80% in S1 and 70% in S2 between the 2008 and 2010 follow-up surveys;
2. Weevil damage found on the milfoil in 2010 in both S1 and S2 was 90% and 80% respectively;
3. Weevil densities recorded in 2009 in S2 (Table 1) were within the range that caused declines in EWM in lakes, 0.5 -1.5 weevils/stem (Newman and Biesboer 2000);
4. The ratio of native plants to EWM in both sites increased by 30-40%;
5. A healthy mix of native plants exists in both of the sites (Table 3.) with 12 species found to date;
6. No surface matting occurred and with less than 1% of milfoil at the water's surface only at S1, in 2010;
7. Curly leaf pondweed (*Potamogeton crispus*), another aggressive invasive aquatic plant, was not observed in either the initial or follow-up surveys in 2010.
8. Weevil numbers are increasing and reaching effective levels lake wide as demonstrated by the disappearance of a site in front of the Parker residence, where no weevils had been stocked. According to Mr. Parker, a prominent milfoil bed spread out from his dock in 2009. He ordered a unit of weevils to be stocked in 2010. When the biologists arrived, they found only a few heavily damaged, unhealthy milfoil stems.

V. Future Recommendations

Multiple year biological control management using weevils leads to long-term sustainable EWM control. As the weevils reduce the amount of EWM in a lake, their population also decreases and will remain at a low level for an extended period of time. At some point, environmental and climatic conditions may cause a sudden resurgence of the EWM. To remain proactive and protect the investment the Town of Espanola has already made in a management program at Clear Lake, it is the recommendation of EnviroScience that regular surveys of the lake be conducted to monitor the weevil population, the distribution of EWM, and the appearance of new invasive aquatic plant species. A monitoring survey should be performed annually for the next two years at a minimum. Due to our strong relationship with the Town of Espanola and commitment to

the continued preservation of Clear Lake, we are pleased to provide quality service at reasonable rates for any future projects. Should you have any questions or comments, please do not hesitate to call Nancy Cushing at (800) 940-4025 or email, ncushing@envirosienceinc.com.

Sincerely,

A handwritten signature in black ink that reads "Nancy L. Cushing". The script is cursive and fluid, with the first name "Nancy" being more prominent than the last name "Cushing".

Nancy L. Cushing
Lake Management Program Director

Literature Cited

Newman, R.M. and Biesboer, D.D. 2000. A Decline of Eurasian Watermilfoil in Minnesota Associated with the Milfoil Weevil *Euhrychiopsis lecontei* J Aquat. Plant Manage. 38: 105-111.

Table 1. Summary Data from Site Transect Analysis of EWM during the 2008-2010 Initial and Follow-up Surveys of Clear Lake

Site #	Parameter measured	6/27/08	8/21/08	7/16/09	8/26/09	7/8/10	9/2/10
S1	Total weevils	3.00	3.00	7.00	0.00	4.00	1.00
	Total stems	30.00	30.00	30.00	30.00	27.00	25.00
	Avg. weevils/stem	0.10	0.10	0.23	0.00	0.15	0.04
	Avg. meristems/stem	1.53	1.73	1.70	2.50	1.52	1.96
S2	Total weevils	0.00	1.00	25.00	20.00	11.00	0.00
	Total stems	30.00	30.00	30.00	30.00	28.00	20.00*
	Avg. weevils/stem	0.00	0.03	0.83	0.67	0.39	0.00
	Avg. meristems/stem	1.63	1.73	1.70	2.03	1.93	2.27

* Due to heavy weevil damage, the stems from Transect 3 were too destroyed to accurately assess.

Table 2. Average Density data of Eurasian Watermilfoil Collected During the 2008-2010 Initial and Follow-up Surveys of Clear Lake

Site #	6/27/08	8/21/08	7/16/09	8/26/09	7/8/10	9/2/10
S1	177.77	451.11	148.11	181.44	114.78	88.89
S2	103.66	344.44	103.72	140.67	118.56	107.44

Figure 2. EWM densities from initial and follow-up surveys, 2008-2010, Clear Lake, Ontario.

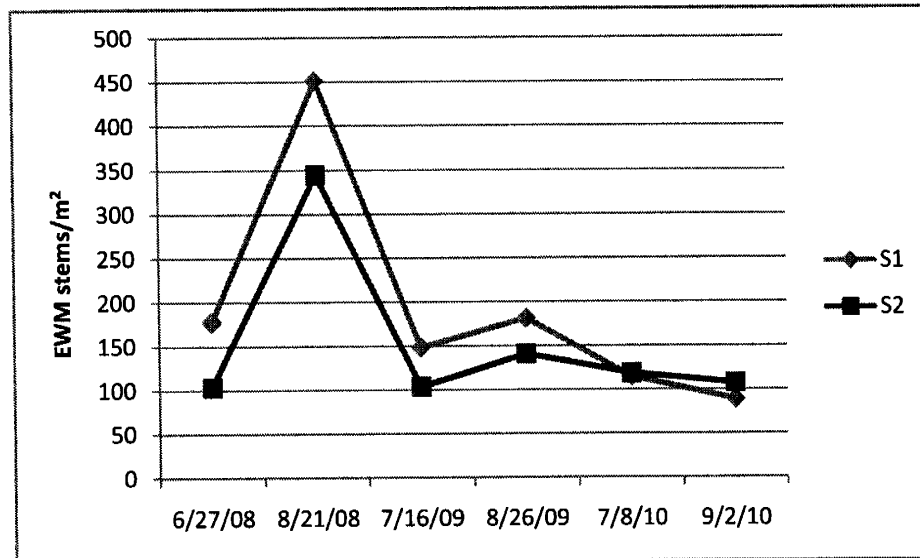


Table 3. Native plant species observed during 2008 – 2010 surveys, Clear Lake, Ontario. (*Potamogeton*, genus of Pondweed species, abbreviated as *P.*)

Common Name	Species Name	6/27/08	8/21/08	7/16/09	8/26/09	7/8/10	9/2/10
Common waterweed	<i>Elodea canadensis</i>		X	X	X	X	
Eel grass	<i>Vallesnaria americana</i>		X		X	X	X
Flat-stem pondweed	<i>P. zosteriformis</i>	X		X	X		
Illinois pondweed	<i>P. illinoensis</i>	X	X	X		X	
Large leaf pondweed	<i>P. amphifolius</i>	X		X	X		X
Leafy pondweed	<i>P. foliosus</i>					X	
Robbins pondweed	<i>P. robbinsii</i>	X	X	X	X	X	X
Sago pondweed	<i>P. pectinatus</i>	X				X	X
Small-leaf pondweed	<i>P. pusillus</i>					X	
White-stem pondweed	<i>P. praelongus</i>						X
Slender naiad	<i>Najas flexilis</i>		X		X	X	X
Water lily species	<i>Nuphar spp.</i>			X	X		X

Invasive Alien Species Partnership Program - Proposal Submission Form

To control and reduce Eurasian Milfoil in 8 Greater Sudbury Lakes 2011IASPP1925**1. Proponent Information****1.1 Project Management Team and Contact Information****a) Organization:** Long Lake Stewardship**b) Organization Description:**

The Greater Sudbury Watershed Alliance is an independent grassroots, collaborative partnership of the lake, river and creek stewardship committees of Greater Sudbury and other concerned citizens working together to promote and advocate for a healthy watershed.

Where possible, the work of the GSWA will complement the work of the Greater Sudbury Lake Improvement Advisory Panel, to most benefit watershed health in the City of Greater Sudbury.

Within the GSWA, is a cooperative of 8 stewardship committees working to rehabilitate their lakes which, over the last 2 years have seen significant growth of Eurasian Milfoil which has severely impacted 1) water intake lines, 2) a significant variety of recreational possibilities as well as having 3) the potential to reduce property assessments.

c) Principal Applicant:

Butcher, Stephen
butchersm@bell.net

P: 705-692-5025
 F: 705-692-5025

d) Project Manager:

Hodge, Dave
dkhodge@eastlink.ca

P: 705-522-1775
 F:

e) Address:

63 West End Road
 Sudbury, ON P3Y1H8

f) Web Site Address: <https://sites.google.com/site/sudburywatershed/>**1.2 Organization Type:** Private Sector Organization (corporation/association/utilities)**1.3 Background****a) Experience:**

We are a highly motivated volunteer organisation. Our experience with Eurasian watermilfoil (EWM) is so recent that it is quite limited. We have educated ourselves by inviting two EWM experts which included the Ontario Environmental Commissioner and Martin Hilovsky, a EWM control specialist, to address our group. Additionally we have local resources at Laurentian University (Dr Charles Ramcharan) which is home to the Living With Lakes Centre and Dr. Eric Sager at Trent University.

We are working with with EnviroScience Inc. and together we have developed a comprehensive plan on how to control EWM in the eight lakes to be addressed over the next three years.

There is not enough space here to show our plan in detail, please refer to our web site for the complete plan.

Our project leader is Stephen Butcher a semi-retired businessman. Stephen is chair of the Long Lake Stewardship and is the owner of Mid-North Water Purification. Stephen's most recent work experience was with the Sudbury Neutrino Observatory where he was responsible for the assembly of the detector itself (1.2 million pieces), under extreme clean conditions and which was delivered on time and under budget, to the main site one mile underground.

b) Has your organization applied for IASPP funding in the past? No**c) Has your organization been a partner in or affiliated with other IASPP projects?** No

2. Proposal Background

2.1 Location

a) Province/Territory in which the Project will be undertaken: Ontario

b) Project Target Area:

Panache Lake watershed lat42 21.6N long81 6.1W (sometimes referred to as Whitefish river watershed), St Charles, Hannah and Middle Lakes are in the Ramsey watershed lat46 26.8N long81 0.8W (Spanish river watershed), Simon Lake (46.23'41.43N 81.11'43"N) falls into the Lower Junction Creek watershed.

Project will occur within eight lakes which are governed by the Federal Oceans and Fisheries Act. All eight lakes fall within the municipality of the City of Greater Sudbury and have permanent and seasonal homes on them. Many residents use the lake water for potable water for their homes.

We have had a public information session (over 250 attended) and provided mailouts to educate the public of our plans re the EWM. Feedback has been positive.

2.2 Goal

a) Project Activity Type	b) Directly Addressed?	c) % of Project
Prevention through targeted awareness	Yes	6
Early detection of new invaders	Yes	2
Rapid response to new invaders	Yes	90
Coordination	Yes	2
Total:		100

2.3 Target Invasive Alien Species

a) What will be the focus of your project?

a) Project Species	b) Directly Addressed?	c) % of Project
Aquatic Invasive Species	Yes	100
Terrestrial Invasive Species	No	0
Total:		100

b) If applicable, list any specific invasive alien species that you will address in this project.

a) Species Name	b) Species Type
Eurasian water milfoil (EWM) <i>Myriophyllum spicatum</i>	Aquatic Plant (including algae)

2.4 Target Pathway(s) of Invasion

a) Species Type	a) Type of Pathway Addressed by Project
Aquatic Invasive Species	recreational boating aircraft

3. Project Overview

3.1 Overview:

EWM was first introduced in North America in the 1930s and has since spread to virtually every state in the U.S. and half of

Canada. According to the experts it should not be able to survive in Sudbury but it is flourishing here.

Activities will include:

1. Public Education
2. Implementation of weevil program (over three years)
3. Assessment of program after each year
4. Follow-up to ensure invasive species prevention/detection/reaction program is working and implement what corrective steps are required

We anticipate that this project will result in large, well-established populations of milfoil weevils in each of the project lakes, ultimately reducing existing populations of EWM by 80% within five years. Depending on the lake, we would expect lake-wide reductions of more than 60% by the end of the project term in 2013.

As noted, it is expected that the benefits of this program will extend well beyond the term of this project. By establishing a long-term, sustainable population of this native insect in each of the participating lakes, we expect to take EWM from a dominant species to a relatively small part of the overall macrophytes community. In addition, this project will demonstrate the feasibility of a community-based approach to sustainable, environmentally-responsible control of this exotic invasive species.

Long term we hope to establish a "weevil base" in Sudbury which will eliminate the possibility of transporting unwanted and potentially harmful 'hitchhiker' organisms from other parts of the U.S., EnviroScience will establish a regional culturing operation in Ontario, most likely in the Greater Sudbury area. Weevils used to start the cultures will be collected from indigenous populations known to exist in Ontario areas. Milfoil plants used in the culturing process will also be collected locally.

A critical component of this project is a monitoring program which will measure the impact of the weevils and allow for the quantitative comparison of the treatment sites with untreated sites. We recognize that a project of this nature provides tremendous educational opportunities and numerous opportunities for collaboration with local institutions such as Living with Lakes and Laurentian University.

It is our intent to identify a qualified independent investigator to conduct independent monitoring and reporting. Due to time constraints we have not yet secured agreements for this monitoring. In addition to local researchers at Living with Lakes and Laurentian University, possible collaboration with Dr. Eric Sager at Trent University, Peterborough will be explored.

3.2 Project Rationale (Purpose):

a) Three major objectives have been established for this proposed project. These objectives include:

1. Demonstrate the potential for milfoil weevils to provide sustainable and low-maintenance control of EWM in eight Greater Sudbury area lakes. This objective will be accomplished by stocking a total of approximately 145,000 milfoil weevils in approximately 32 locations over a three year period beginning in July of 2011.
2. Collect sufficient, rigorous data to support publication of the findings in one or more peer-reviewed journal articles. This will require pre- and post-application monitoring surveys annually throughout the term of the project.
3. Education and Prevention to reduce spreading of EWM and several other invasive species identified by Laurentian University as threats to Sudbury Lakes.

b) We have witnessed a dramatic increase of EWM in the last 2 years which has clogged water intake lines and hampered a variety of recreational activities

c) The ultimate goal of the Invasive Species Strategy is to minimize if not eliminate invasive species. We will be addressing one specific species with this program but will have positive results which can be used by other Canadians to address EWM in their regions. We will be establishing a Canadian "beachhead" for Canadian "raised" weevils and provide an excellent research base for Laurentian University and Trent University biology programs.

3.3 Communications Plan:

Lake stewardship websites and newsletters.

"Good" news releases

Annual reports to municipal council and stewardship organisations

Periodic project updates

Municipal annual reports to the citizens

Being a designated bilingual area, comprehensive French language services are automatically available.

Annual water forum and /or citizen information session(s)

3.4 Sustainability:

Lake Stewardship groups, currently active on each of the subject lakes will monitor populations of the invader. We anticipate that with the success of this program any future recurrences will be speedily addressed by additional weevil applications using ongoing funding from the Municipality of Greater Sudbury and lakefront property owners.

We anticipate that this project will result in large, well-established populations of milfoil weevils in each of the project lakes, ultimately reducing existing populations of EWM 80% within five years. Depending on the lake, we would expect lake-wide reductions of more than 60% by the end of the project term in 2013.

As noted, it is expected that the benefits of this program will extend well beyond the term of this project. By establishing a long-term, sustainable population of this native insect in each of the participating lakes, we expect to take EWM from a dominant species to a relatively small part of the overall macrophytes community. In addition, this project will demonstrate the feasibility of a community-based approach to sustainable, environmentally-responsible control of this exotic invasive species.

4. Work Plan

4.1 Activities

3. Activities				
a) Activity Type	c) How will this activity be carried out?	e) Start date	g) Estimated % of total project budget	h) Estimated % of IASPP contribution
b) Activity Description	d) What will the result and appropriate indicator of the activity be?	f) End date		
Fiscal Year: 2011-2012				
1) Prevention through targeted awareness <i>Education-Install signage at public boat launches warning of dangers of invasive species Public awareness thru' press releases, stewardship groups and an annual water forum. Note: While stewardship group activities are significant aspects of education and public awareness, their contribution adds negligible cost to the project so is frontloaded into year 1 estimates.</i>	Lake users, aircraft owners and pilots and boaters. Contract sign company and install signs Maintain open communication between stewardship groups, newsletters and websites Maintain communication with the city of greater sudbury thru both the local councillors and the Environmental Services department. <i>Signs installed at all public boat launches References to danger of invasive species on stewardship websites and in newsletters Newspaper articles on the progress of the ongoing project The organisation of an annual water forum/citizen information session in the city</i>	2011-04-01 2012-02-29	8 %	6 %
2) Early detection of new invaders <i>Use lake stewardship groups to report on the presence of milfoil.</i>	Informal, frequent observation by all relevant lake users <i>Where milfoil is present, this will be reported to the appropriate stewardship committee, which , in turn, will report to the Greater Sudbury Watershed Alliance which will develop an action plan for the subsequent year.</i>	2011-05-01 2011-11-01	0 %	0 %
3) Rapid response to new invaders <i>Contract Enviroscience who deal in EWM control using native weevils. A very detailed action plan, working with EnviroScience, is available on our web site https://sites.google.com/site/sudburywatershed/</i>	In consultation with representatives of the concerned lake stewardship groups, Laurentian University and Enviroscience, cooperatively assess our	2011-05-03 2011-06-30	92 %	94 %

Co-operation is expected with both Trent and Laurentian University's with this program as both have expressed an interest and have researchers currently working in Sudbury on EWM.	requirements for EWM control in the subject lakes, and provide and place an adequate supply of weevils in each in appropriate locations. <i>1. Weevils will have been observed to have been placed in appropriate locations. 2. A marked decrease in the prevalence of EWM We hope to develop a partnership with Dr Charles Ramcharan of Laurentian University and/or the Living with Lakes Centre to provide independent oversight, monitoring and evaluation of the project.</i>			
Total:		100 %	100 %	
Fiscal Year: 2012-2013				
4) Prevention through targeted awareness <i>Education-Monitor and maintain signage at public boat launches warning of dangers of invasive species Public awareness thru' press releases, stewardship groups and an annual water forum</i>	Lake users, aircraft owners and pilots and boaters. Maintain open communication between stewardship groups using newsletters and websites Maintain communication with the City of Greater Sudbury thru both the local Councillors and the Environmental Services department. <i>Continued pesence of signs previously installed at all public boat launches References to danger of invasive species on stewardship websites and in newsletters and updates on project progress Newspaper articles on the progress of the ongoing project The organisation of an annual water forum in the city</i>	2012-04-03 2012-11-01	0 %	0 %
5) Rapid response to new invaders <i>Continue the placement of weevils in affected areas as required.</i>	Use the results of the monitoring by Enviroscience and our independent monitors to determine requirements <i>Appropriate placement of additional weevils and subsequent reduction in the milfoil population as reported by our monitors.</i>	2012-04-03 2012-11-01	100 %	100 %
Total:		100 %	100 %	
Fiscal Year: 2013-2014				
6) Rapid response to new invaders <i>Continued placement of weevils, as required, in those areas still affected</i>	Use the results of the monitoring by Enviroscience and our independent monitors to determine requirements. <i>Appropriate placement of</i>	2013-04-02 2013-11-01	100 %	100 %

	<i>additional weevils and subsequent reduction in the target population as reported by our monitors.</i>			
7) Prevention through targeted awareness <i>Education-signage at public boat launches warning of dangers of invasive species Public awareness thru' press releases, stewardship groups and an annual water forum</i>	Lake users, aircraft owners and pilots and boaters. Maintain open communication between stewardship groups using newsletters and websites Maintain communication with the City of Greater Sudbury thru both the local councillors and the Environmental department <i>References to danger of invasive species on stewardship websites and in newsletters Newspaper articles on the progress of the ongoing project The organization of an annual water forum in the city if required</i>	2013-04-02 2013-11-01	0 %	0 %
Total:			100 %	100 %

4.2 Environmental Responsibility:

The introduction of the weevil has been ongoing in Canada for some time and has the approval of both MOE and Department of Oceans and Fisheries.

Host Specificity- *E. lecontei* has been well documented as being extremely specific to watermilfoils (Solarz and Newman, 1996). In fact, work by Sheldon and Creed (1995) has demonstrated that the weevil can survive on only two of the many species of milfoil found in North America. These are EWM (*M. spicatum*) and Northern watermilfoil (*M. sibiricum*). In more than one hundred project lakes, EnviroScience has confirmed this host specificity and documented that the population of weevils declines as the quantity of milfoil is reduced. In other words, the weevil is incapable of shifting to alternate aquatic or terrestrial food sources.

5. Project Support

a) Organization / Name	c) \$ Value (Cash)	d) \$ Value (In-kind)	e) Total	f) Confirmed?	g) Date to be received?
b) Description and valuation of support offered					
Fiscal Year: 2011-2012					
City of Greater Sudbury <i>Financial</i>	47,000	10,000	57,000	No	2011-04-05
EnviroScience <i>EnviroScience will be the lead in this project providing weevils and expertise on placing them into the lakes etc.</i>	0	15,000	15,000	Yes	2011-04-05
Greater Sudbury Watershed Alliance <i>We will be providing boats,manpower and organization to implement the EnviroScience weevil program in the most economical way possible.</i>	0	5,000	5,000	Yes	2011-06-07
Laurentian University <i>Laurentian University has expressed an interest</i>	0	0	0	No	2011-04-04

<i>to work with us on this project. Details to be worked out due to time restraints.</i>					
Trent University <i>Trent has research student working in Sudbury on EWM and will continue to. Student already is in contact with EnviroScience. Details to be worked out.</i>	0	0	0	No	2011-04-05
Subtotal:	47,000	30,000	77,000		
Fiscal Year: 2012-2013					
City of Greater Sudbury <i>Financial Enviromental Services Department</i>	23,000	5,000	28,000	No	2012-04-03
EnviroScience <i>Weevil Donation Implementation of weevil program</i>	0	8,000	8,000	Yes	2012-04-03
Greater Sudbury Watershed Aliance <i>Boats and Labour</i>	0	5,000	5,000	Yes	2012-06-12
Laurentian University <i>Research and Monitoring</i>	0	0	0	No	2012-04-09
Trent University <i>Research and Monitoring</i>	0	0	0	No	2012-04-09
Subtotal:	23,000	18,000	41,000		
Fiscal Year: 2013-2014					
City of Greater Sudbury <i>Financial Enviromental Service Department</i>	17,000	3,000	20,000	No	2013-04-08
EnviroScience <i>Weevil Donation Implementation of Program</i>	0	6,000	6,000	Yes	2013-06-03
Greater Sudbury Watershed Aliance <i>Boats and Labour</i>	0	2,000	2,000	Yes	2013-06-03
Laurentian University <i>Research and Monitoring</i>	0	0	0	No	2013-04-08
Trent University <i>Research and Monitoring</i>	0	0	0	No	2013-04-08
Subtotal:	17,000	11,000	28,000		
Total:	87,000	59,000	146,000		

6. Project Budget

a) Expense category	c) Amount requested from IASPP	Supporting Funds		f) Total Amount (IASPP + Support)
b) Detailed description and valuation based on personnel or equipments rates		d) Cash Amount	e) In-kind Amount	
Fiscal Year: 2011-2012				
Contractors <i>EnviroScience has a proven program of implementing natural, native weevil into watersheds which feed on EWM. ES will be responsible to plan, implement and monitor the</i>	39,000	39,000	30,000	108,000

<i>weevil program.</i> <i>ES will be assisted by each of the eight Lake Stewardships to help control costs and learn for future expertise in controlling EWM.</i> Date to be incurred: 2011-04-14 This is a date sensitive expenditure				
Materials and Supplies <i>Production and Installation of Signs</i> Date to be incurred: 2011-05-31	3,500	3,500	0	7,000
Overhead Costs <i>Misc. Items - gas, repairs unforeseen items, etc.</i> Date to be incurred: 2011-04-12	3,000	3,000	0	6,000
Printing, Production, and Distribution Costs <i>Education Materials</i> Date to be incurred: 2011-04-12	1,500	1,500	0	3,000
Subtotal:	47,000	47,000	30,000	124,000
Fiscal Year: 2012-2013				
Contractors <i>EnviroScience - monitor, evaluate previous years program and add new weevils as necessary</i> <i>Lake stewardships will again monitor and assist Enviroscience with implementation of weevil program by providing boats and infrastructure.</i> Date to be incurred: 2012-04-14 This is a date sensitive expenditure	21,500	21,500	18,000	61,000
Overhead Costs <i>Items such as gas and other misc. items</i> Date to be incurred: 2012-04-17	1,500	1,500	0	3,000
Subtotal:	23,000	23,000	18,000	64,000
Fiscal Year: 2013-2014				
Contractors <i>EnviroScience will return for final evaluation of the weevil program and make recommendations.</i> <i>Lake Stewardships will provide boats and infrastructure to implement program as financially responsible as possible.</i> Date to be incurred: 2013-04-09 This is a date sensitive expenditure	16,500	16,500	11,000	44,000
Overhead Costs <i>Misc. Items</i> Date to be incurred: 2013-04-17	500	500	0	1,000
Subtotal:	17,000	17,000	11,000	45,000
Total:	87,000	87,000	59,000	233,000

7. Signature

I hereby certify that I am familiar with all the conditions, including those regarding eligibility, reporting, financial accounting, and acknowledgement of the IASPP funding partners, as outlined in the current IASPP guidelines.

☒ Certify Proposal

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Saturday, January 29, 2011 7:03 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Rita Murphy
Organization:
Daytime phone: 705 673 2480
Email: rx_murphy@laurentian.ca

Oral presentation requested: yes

Description of project/program to be funded:

Starting bike lanes this year would attract more university students to stay in sudbury after they graduate (such as myself)

Projected benefits to the community:

Start bike lanes this year!

Estimated one-time cost:

?

Estimated on-going costs:

?

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Sunday, January 30, 2011 9:04 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Maurice Sanche
Organization:
Daytime phone: 705 6944416
Email: ericsanche@vianet.ca

Oral presentation requested: no

Description of project/program to be funded:
safety for the cyclist

Projected benefits to the community:

-Install Rack & Roll on ALL transit buses... It's a hit and miss... I never know if the bus will have it for my area (route #103)... For myself I would use this coming back home when it's raining or when it gets dark. -Car use cycling lanes to past others on the right. This often happen when the vehicle in front of them is waiting or slowing down to turn left... I've been cut off many times on my bike because of this... one solution is to have a divider in between to prevent this...

Estimated one-time cost:

...

Estimated on-going costs:

...

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Sunday, January 30, 2011 1:44 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Cait Mitchell
Organization:
Daytime phone: 416-902-3845
Email: cait@decreate.net

Oral presentation requested: no

Description of project/program to be funded:

Projected benefits to the community:

i think the city should install more bike racks around the city and consider bike lanes in future road work. it can be quite dangerous cycling in sudbury. i think more people would consider using their bicycles as transportation if they felt safer and had a secure place to lock their bikes up at their destination.

Estimated one-time cost:

Estimated on-going costs:

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Sunday, January 30, 2011 3:46 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: John R. Lindsay
Organization: Minnow Lake Community Action Network
Daytime phone: 705-525-7526
Email: johnl.fdi@gmail.com

Oral presentation requested: no

Description of project/program to be funded:

Installation of a folding sound partition to separate the stage area from the auditorium (gym) area. This would provide a separate meeting/activity area that could be used when the gym is occupied and increases the meeting room space in the facility by a third.

Projected benefits to the community:

Minnow Lake Place is a popular city owned and operated activity/meeting place with two available meeting rooms plus gym (with large stage area). With increasing use additional space would be useful and this proposal addresses this in a cost efficient manner.

Estimated one-time cost:

The size of the folding partition would be approximately 12 feet high by 20 feet wide. Quotes would have to be obtained by the city from suppliers as this would be a permanent capital improvement to the facility.

Estimated on-going costs:

no ongoing cost

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Sunday, January 30, 2011 4:13 PM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Ross Kelly
Organization: Northern Lights Festival Boreal
Daytime phone: 705-670-5908
Email: ross.kelly@sympatico.ca

Oral presentation requested: no

Description of project/program to be funded:

2011 marks the 40th anniversary of the Northern Lights Festival Boreal. Currently the longest continually running outdoor festival in Canada, NLFB's long history and place in the community is something the City of Greater Sudbury can be proud of. Run essentially by a dedicated group of volunteers not only will 2011 mark the 40th anniversary of NLFB this years festival will return to its traditional home, the newly refurbished Bell Park. To mark the occasion NLFB plans on bringing back a number of well known Canadian musicians who have graced the stages of festivals past and also bring in up and coming artists new to the festival. To stage this years celebration, with the increased number of bigger name artists, extra financial resources will be required to support the artistic budget of NLFB. Our request to the City would go toward funding artist fees and associated technical and support fees. This one time request would allow NLFB to stage a 40th anniversary celebration for the citizens of the community that would not only showcase the new Bell Park but also highlight the City of Greater Sudbury and its attractions, to the rest of the province as a premier summer tourism destination. Attracting new visitors to the

City benefits local businesses in the tourism, entertainment and hospitality sectors.

Projected benefits to the community:

Arts and culture form an integral component of any healthy, vibrant community. This has been recognized by recent studies completed by the City (Arts and Culture Strategy, Destination 2015) and also studies commissioned by the province (Ontario Arts Council 2010 citizen survey). Non-profit organizations such as NLFB recognize the financial considerations the City must make in the current economic climate and as a non-profit we are well versed in stretching limited budgets and each dollar to ensure it is used effectively. I can't speak for other non-profits in the City, however, I know that our own organization runs with no-fat and no extras. I'm sure the other non-profits and events are in the same boat. Although arts and culture are held out as vital components of a vibrant, healthy community all too often cuts to this sector are near the top of the list when budgets are drawn up, even though as a percentage of the overall budget of a municipality, support to arts and culture is but a small fraction. I would hope that as the City progresses through its budget deliberations that it considers the importance of its support to the arts and culture sector. Many people don't consider funding to the arts and culture sector to be important, however, everyone I know enjoys one or more of music, film, theatre or the arts and I'm sure all members of council and members of the community do as well. How often do you hear of our citizens travelling to Toronto for "first-rate" concerts, theatre and other festivals when we here in Sudbury should be able to meet some of those demands. As support to arts and culture by the City is considered I realize that any increases to funding are likely out, therefore, I would suggest that non-profits such as NLFB could work with a freeze of current funding levels. That way organizations such as ourselves would be able to budget for upcoming events with some degree of certainty. As a second suggestion, events staged by the various festivals and non-profits in the City are faced with local by-laws, rules and regulations that result in the paying of substantial fees for everything from security, policing, inspections (electrical, health, infrastructure, etc) and user fees that can total in the thousands of dollars. For small organizations and non-profits these costs are substantial. I realize the City must look to reduce risk and liability by having rules in place, however, I would suggest that the City look at ways to absorb the fees

as part of their operating budget or reduce or waive these costs for non-profits. In many cases funds that the City makes available to events and non-profits through grants go right back to the City in the form of payment of many of the above fees. If the level of City grants for arts and culture cannot be maintained then I would suggest to offset any funding decreases that the City take a hard look at reducing or eliminating many of the fees required for events.

Estimated one-time cost:

\$34,500.00

Estimated on-going costs:

none

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Monday, January 31, 2011 7:49 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: David Reilly
Organization:
Daytime phone: 705-674-1441
Email: reilly.david@sympatico.ca

Oral presentation requested: no

Description of project/program to be funded:

Instead of having the sidewalk snowplow back track, complete the triangle that formed by the sidewalks on Auger and Huntington and Summerhill. This would connect the walking route from Churchill, through the connector walkway to Auger, up Summerhill and on to St. Charles school. It would get children off the street when waiting for their School bus. It allows the rest of us to get out and walk safely in our neighbourhoods, off the street.

Projected benefits to the community:

I have lived in Sudbury since 1994 (17 years). I have been asking to get the Summerhill sidewalk plowed since I moved here, and have been plowing portions of it myself in order to allow my neighbours to safely reach Huntington without walking on the street where it curves to meet Huntington. My snowblower is worn out, my neighbours are helping where they can. Can we please have our sidewalk plowed to connect Huntington to Auger on our sidewalks. You have built new sidewalks on Falconbridge Rd (for which I thank you) and sidewalks up to Loews and Home Depot which are now plowed. I do not see that

many folks walking with their lumber purchases from these businesses, but it does show you have funds available to build and maintain this infrastructure. My neighbours are both young and old, a number have had strokes and heart attacks, and walking is their therapy. Please budget to plow our sidewalk on the Summerhill School bus route. Thank you

Estimated one-time cost:

Direct the snow removal operators to add it to their route, I am not sure how long that will take and therefore what the one time cost will be.

Estimated on-going costs:

4 minutes of sidewalk plowing time

In the Macleans August 2008 magazine the Canadian Council of Learning showed how volunteering helps fortify community services as well as provide learning opportunities for the volunteers themselves.

When communities were rated Sudbury stood fourth among 37 cities in Canada. It showed that Sudbury had 56.9% participation among its residents in volunteerism.

Volunteer Sudbury/Benevolat Sudbury's vision is to inspire and empowers volunteerism in the City of Greater Sudbury.

How do we go about doing this?

- Our goal is to stimulate, encourage and provide leadership for voluntary action and civic engagement for the enrichment of the City of Greater Sudbury.
- We want to promote the benefits of volunteerism through awareness and education
- We are actively promoting volunteerism and link volunteers to appropriate opportunities through our Matching Program

Let's look at some of our programs

Matching Programs: This is done by individuals filling out an application form where we find out what their interests are, what time commitment they have, what skills they bring to the volunteers position. We then look at the 50+ organizations who are registered with us and we pass the name on to the organization. At the same time we also have organizations call us looking for volunteers. Our program reaches out to retirees who want to contribute their time and use their skills; to high school students who must fulfill their community hours; to university students who want to gain experience or need community placements; to newcomers to Sudbury who want to get involved in their community and to adults looking to do something new in their community. These people enlist for either short term volunteer placements or long term volunteer placements. Volunteer Sudbury focuses its efforts on reaching Sudbury's English, French and Aboriginal populations.

- **Working with High Schools, College and Universities:** During the year we set up Kiosks in the Colleges and Universities to show how they can volunteer in the community. Some students are required for their courses to volunteer in the community. We help them find opportunities. When the Students in Grade 8 visit high schools we have kiosks there to show them how to become involved in the community. We have partnered with l'ACFO for the Benefair, a volunteer fair to help high school students meet agencies needing volunteers.
- **Change the World Program?** Young people between the ages of 14-18 are being challenged to volunteer five hours during National Volunteer Week. Last year we had 5 high schools involved and this year we have other schools and youth organizations involved. This is in partnership with the Ministry of Citizenship and Immigration

- **United Way Partner:** Over the last few years we have worked with United Way to provide training for Volunteer Managers. We meet once a month to discuss and train these managers. We have also worked together to provide a 2 day training for the volunteers managers helping them set up mentoring programs for their organization, developing screening processes etc.
- **CGS Partnerships:** Here we have worked with the CGS to recognize volunteers through the Civic Awards and help plan and carry out the Volunteer Appreciation Event that is held in June
- **Community Festivals and Special Events:** This is an area that continues to grow. We worked with the Ontario Summer Games this past summer where we recruited, trained and set up schedules for over 1200 volunteers. From this we now have 1200 volunteers in our data base who we have called upon to help with other events. Organizations such as Cinefest, Northern Free Theatre, Ribfest, JDRF, Arthritis Society, Northern Lights Festival, CNIB, IMAX Festival, Pond Hockey only to name a few. We have been approached by the high schools to help find volunteers for the Ontario Track and Field event that is being held in June. This year we are also working with the Les Jeux de la francophonie canadienne du Grand Sudbury 2011
- **Member of Healthy Community Cabinet:** We have been recognized by this group for the work we are doing to help make this community a healthy place to live. They provided us with folders for our volunteers during the games
- **Northeastern Ontario Recreation Association** recognized our volunteers from the summer games with an award for all the hard work they had done as good will ambassadors for our city
- **Community Action Network Summit:** has asked Volunteer Sudbury to make presentations to their group about the importance of volunteering and have come to us when looking for volunteers
- **Sports Tourism Action Plan:** This will significantly impact sporting events that are held here in Sudbury. VS was asked to be part of this discussion as we will definitely need volunteers to run these events

During the next year we are looking at what we do as an organization. We are using the Outcome Measurement process which I have attached

Outcome Measurement Worksheet (Logic Model)

Program Name _____							
Inputs	Activities	Outputs			1 Initial Outcome		
<ul style="list-style-type: none"> - Staff (Manager, Coordinator) - Volunteers - Equipment (computers and programs, telephones, furnishings, photocopier/fax) - Office supplies (paper, pens, file folders, envelopes, stamps, labels, business cards, etc) - Money (fundraisers, corporate membership, fundraising) - Resources (lists, directories, policies and procedures, info handbooks, etc.) - Promotional tools (Banners, Display Boards) 	<ul style="list-style-type: none"> - Educate the community about volunteerism, promoting volunteerism - Recruiting volunteers in the community - Training and preparing volunteers - Training organizations that use volunteers - Matching volunteers in <u>long term</u> or <u>short term</u> placements 	<div style="display: flex; justify-content: space-between;"> <div style="width: 20%; text-align: center;"> 2009 Actual </div> <div style="width: 20%; text-align: center;"> 2010 Projected </div> <div style="width: 20%; text-align: center;"> 2011 Expected </div> <div style="width: 40%;"></div> </div>			Describe the change in condition, status, behavior, knowledge or skill as a result of the program activities.		
		Units of Service State in UNITS of service in terms of number and description.			2 Indicators		
		<ul style="list-style-type: none"> - # of volunteers recruited for short-term events and long-term placements <li style="padding-left: 20px;">- # of volunteers matched in a position <li style="padding-left: 20px;">- # of volunteers trained / educated - # of organizations using volunteers that were trained - # of high schools involved with a volunteer activity <li style="padding-left: 20px;">- # of promotional materials distributed <li style="padding-left: 20px;">- # of hours of service delivered by volunteers 			Increased awareness about volunteerism for people in the community and encouragement of volunteer action for short term events and longterm volunteer opportunities -		
		<ul style="list-style-type: none"> - # and % of attendees at public education sessions on volunteerism - # and % of community organizations who report using services of Volunteer Sudbury / Bénévolat Sudbury- 			Specific information collected to track program's success re: Outcomes		

What are the three greatest needs/challenges facing organizations who are looking for volunteers?

- a) Not knowing where to find volunteer opportunities or how to access them
- b) Organizations facing greater needs for volunteers than they can fill
- c) Making people realize the value/ importance of giving of themselves to make Sudbury a better place to live.

What are the three main reasons for these needs/challenges?

- a) Unaware of Volunteer Sudbury and how we can help
- b) Declining number of volunteers (due to the fact the people are too busy with their own lives and do not have time to volunteer) and increasing demand for services in the face of a declining economy and government cutbacks
- c) Volunteerism being a “best kept secret” among the thousands who volunteer and don’t broadcast their “good deeds” – also - other greater events (war, economy, politics, environment, etc.) surpassing volunteerism as a hot news item.

How have these needs changed over the last three years (i.e., up, down, none or little change)?

The decline in volunteers continues as the mitigating factors identified above remain in effect. People do not see the importance that volunteering makes to them as individuals and the community they live in.

Despite all of this we need to

- continue the momentum of Civic Involvement and the health benefits of volunteerism
- advocate community involvement at both individual and corporate levels to fall in line with the Healthy Community Strategy

The 2007 Constellation Report: Caring for Volunteers stated that “Volunteer Sudbury is now solidly established in our community and should be viewed as a partner for all initiatives aimed at the volunteer sector. The City should actively assist their efforts to reach out to the smaller communities.”

We are now definitely a partner with the CGS. You have make an investment in VS/BS

We are looking for money to help us continue. At the moment we have 1 Office Manager who is on a Trillium Grant that ends this year. We have a part time coordinator who does the matching program as well a finding volunteers for special events.

2011 Volunteer Sudbury/ Benevolat Sudbury
Budget

Income

Request for Funding	40 000	
Fundraising	4 000	
TOTAL INCOME		\$ 44 000

Expense

Salary for Volunteer Coordinator	\$30 000	
Bookkeeping Fees	1 000	
Computer upgrade	3 000	
Insurance	2 000	
Meeting Expenses	500	
Office Expense	800	
Program Expenses	500	
Promotional Materials	1500	
Telephone	500	
Transportation	500	
WSIB	600	
Misc	300	
TOTAL EXPENSES		\$ 41 200

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Monday, January 31, 2011 9:56 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Christpher Parr
Organization:
Daytime phone: 705-522-9961
Email: chrisparr4@bell.net

Oral presentation requested: no

Description of project/program to be funded:

Start a small computer/printing business from home. If I get the funding I am asking for, I will be able to get the necessary supplies and equipment needed to get started. This would eventually lead to hiring recent computer program graduates, as a first job, and gain experience so they can move on to bigger and better positions in larger companies.

Projected benefits to the community:

To assist me in the start up of a small business.

Estimated one-time cost:

\$5,000.00

Estimated on-going costs:

\$0.00 as business will be self sufficient.

Request for Funding Comments and Suggestions



Deadline for submissions: Wednesday, February 2, 2011

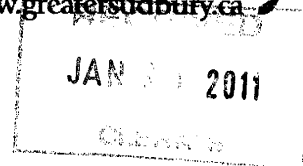
Long-term fiscal sustainability of the City of Greater Sudbury rests with each of us. Collectively, we must adopt a new perspective that requires us to rethink, refocus and rebalance what we do, why we do it, and how we do it.

The Finance Committee of City Council will soon commence budget deliberations for the 2011 budget year. Community consultation is your opportunity to make your voice heard.

City Council wants to know what you think are the priorities for the 2011 budget. This is a chance to share your ideas about the opportunities and challenges facing the City of Greater Sudbury.

The community consultation is also an opportunity to make financial requests. Although not all such requests may be possible in a time of fiscal restraint, all will be reviewed and considered.

Rethink
Refocus
Rebalance



Toward Fiscal
Sustainability

Budget

Be part of it!

The 2011 Municipal Budget Begins with You:

LINDA MAKELA

Name

Organization (if applicable)

705-593-2226

THE4MAKELAS@PERSONA.CA

Daytime telephone

Email


Signature

I hereby acknowledge that the City of Greater Sudbury is collecting this information for the 2011 Public Budget Process pursuant to the Municipal Act, 2001, and consent to the information in its entirety being disclosed for that purpose to Members of Council, City staff and the general public.
Note: Failure to sign above may result in the information or portions thereof not being considered for the 2011 Public Budget Process.

- ☐ Check here if you would like to make a presentation to the Finance Committee by attending the Public Consultation on Monday, January 31, 2011, starting at 5 p.m. in the Council Chamber of Tom Davies Square. Presenters are asked to limit their remarks to five minutes.

Comments/Suggestions:

First off, our existing network of **ROADS** still need a considerable amount of repairs. I draw your attention to Dominion Drive, both east and west, and to the western end of Radar Road.

Next, we need more **POLICE OFFICERS**, in vehicles in our communities as well as on foot in the downtown core.

Regarding **TRANSIT**: more money there would mean additional busses could be allocated to runs to Valley East, improving mid-day service, increasing the number of busses at peak hours, and more importantly, allowing everyone taking a bus to have a seat.

HOMELESSNESS is a problem not to be forgotten. Monies need to be put into social services to help those who regain housing, to keep it.

Next on my list are the **VISITOR INFORMATION CENTRES** - how about some funding to staff extended hours and especially weekends, when visitors are most likely to use them?

May we please finish the **AMPHITHEATRE** by providing a roof??

Additionally, please fund the **DOG PARK** in this year's budget!!

As for the **SOCCKER BUBBLE**, I have both thumbs firmly down on this one.



Coalition for a
Liveable
Sudbury

Making connections. Working toward sustainability.

Input to the 2011 City of Greater Sudbury Municipal Budget

Contact: Naomi Grant (673-1874, grant_naomi@hotmail.com)

Thank-you for the opportunity to provide input to the 2011 municipal budget.
We have also included some specific budget options.

In the invitation for public input, it is stated: “*Collectively, we must adopt a new perspective that requires us to rethink, refocus and rebalance what we do, why we do it, and how we do it.*” We agree whole-heartedly with this statement. The healthy community model and the goal of an environmentally, socially and economically sustainable city are the lens through which this rethinking should occur. These three aspects of sustainability are inter-twined. The goal of fiscal sustainability will be achieved by a city that is also environmentally and socially sustainable, and meeting these three interconnected goals will build a better community for all of us: in terms of health, quality of life, and security.

The principles of Smart Growth capture this holistic view of a sustainable community. Municipalities implementing Smart Growth principles have experienced significant benefits to their bottom line with higher public revenue, higher levels of investment, and lower infrastructure costs. Some of these results are documented in the January 2011 report, “Growing wealthier: Smart Growth, Climate Change, and Prosperity.” (http://growingwealthier.info/docs/growing_wealthier.pdf). For each budget deliberation, the question becomes, “does this choice promote long-term environmental and economic health in an equitable way?”

Here are some specific principles to apply during the budget process:

- **Invest in sustainable transportation** – Increasing transit ridership, and improving cycling infrastructure and walkability, decrease congestion and maintenance costs on our roads, increase the attractiveness of our city to potential new residents and businesses, all while improving health and quality of life for our residents. *Investing in sustainable transportation is much more cost effective than investing in new roads.*
- **Make the best use of existing road and water infrastructure and invest in green infrastructure** - Maintaining existing infrastructure is a big burden on the municipality. New infrastructure should be evaluated carefully to assess whether it is a net benefit or loss to the community in the long term – it often just adds to the burden. In most cases, it is more fiscally sustainable to make the best use of

existing infrastructure and to lighten the load on built infrastructure by relying on green infrastructure.

- **Conservation** – conservation of energy, water and resources throughout the municipality’s facilities and operations can bring long term savings. Green retrofits and alternative energy production take it to the next level of savings, while leading by example.
 - **Protect our natural assets** – Green spaces work for free: storing and filtering storm water, reducing energy needs, preventing flooding and erosion, giving us our sources of drinking water, and providing a whole suite of services that must be replaced by expensive built infrastructure if the green space is lost or degraded. Green spaces also define our community and make it attractive to newcomers, investment, and visitors alike: a city of lakes, a city of trails, a city embedded in the beauty of nature.
 - **Building community capacity** – Greater Sudbury is known for its committed volunteers. Throughout the city, people are working hard to make their community a better place. Supporting their work leverages outside funding and further donations in-kind, producing community improvements of far greater value than the municipal price tag. It also strengthens sense of community, which is linked to a community’s economic success (<http://www.soulofthecommunity.org/>).
-

Section 2: Budget Options

We submit that a thorough review of the budget done through the lens of sustainability and Smart Growth is the best route to a fiscally sustainable Greater Sudbury. In addition to this comprehensive review, please consider these specific budget options, which have been chosen as having a positive impact in return for a small investment.

1. Sustainable Transportation

A. Cycling Infrastructure

(i) Traffic lanes as traffic calming

The annual capital budget for traffic calming is \$150,000. This can fund 1 large, or 2 smaller traditional traffic calming projects (1). Bike lanes have been shown to be effective in calming traffic (3), and are much more economical than traditional traffic calming.

Of those streets identified for traffic calming (1), 15 are recommended for cycling infrastructure in the Sustainable Mobility Plan (4). The cost of equipping all fifteen of these streets with bike lanes, along the sections identified for traffic calming is estimated at \$80,299.60(1), only 54% of one year’s traffic calming budget. This compares with an estimated cost of \$1,600,000 for traditional street calming on these same fifteen streets, twenty times the expense and eleven years worth of funding.

Therefore, we recommend that bike lanes be used in lieu of traffic calming on all routes identified for traffic calming, that are also identified in the Sustainable Mobility Plan, and wherever else would be appropriate. *This recommendation requires no additional funding, will provide effective traffic calming where needed in a timely manner, and will increase cycling infrastructure.*

Numbers and costs are sourced from staff reports: (1) The cost of bike lanes is given as \$5.00/m in the August 17, 2010 Manager's Report, "Traffic Calming Street Ranking, which also provides the list of streets identified for traffic calming, and cost estimates for traditional street calming; (2) The cost of painted bike symbols at \$1.12/m and signage at \$1.22/m are given in the September 23, 2010 Manager's Report, "Pavement Markings and Signing for Paved Shoulders and Wide Curb Lanes for use by Cyclists". This was used to estimate a cost of \$7.34/m of bike lanes, with accompanying road painting and signage, on both sides of the street. (3) <http://www.nyc.gov/html/dot/downloads/pdf/clarendonpresentation.pdf> (4) <http://www.rainbowroutes.com/index.php/publications/sustainable-mobility-plan/>

(ii) Bicycle parking at public facilities

Bicycle parking at public facilities encourages cycling.

We recommend an annual budget of \$10,000 to ensure bicycle parking at all public libraries, community centres, community parks, and neighbourhood parks.

This will allow the installation of ~ 20 additional bike racks per year.

Cost estimate based on a 6 ring rack (9 bike capacity) from the Nepean, ON based company 'Bike Up' (1-800-661-3506), costed at \$495.00.

(iii) A percentage of the capital roads budget devoted to cycling infrastructure

The 2011 Capital Project Costs for roads is \$84,386,187, with \$54,890,000 being 'unfunded' (above renewal/routine costs). The large majority of these 'unfunded' costs are for growth, not maintenance (\$49,000,000). This growth will further contribute to on-going maintenance costs.

We recommend that 1% of the annual Capital Project Costs for roads, \$843,862 for 2011, be devoted to cycling infrastructure: bike lanes, sharrows, paved shoulders with accompanying signage, and multi-use trails, as appropriate to the location.

This is only 2% of the 'unfunded' costs for new growth in 2011. This recommendation will have negligible impact on roadwork, while allowing Greater Sudbury to significantly grow its cycling infrastructure each year. Once built, this cycling infrastructure will have very small maintenance costs. For example, the annual maintenance for sharrows (painting and signage) is estimated at \$1222/km per year, compared with \$8369/km per year in 2008, and rising

The return on investment for cycling is greater than the return of any form of transportation (Portland Development Commission 2009).

Sharrow maintenance costs from September 23, 2010 Manager's Report, "Pavement Markings and Signing for Paved Shoulders and Wide Curb Lanes for use by Cyclists". Road maintenance

costs from 2008 OMBI benchmark report pg.59. Note that costs increased 23% between 2006 and 2008: <http://www.ombi.ca/docs/db2file.asp?fileid=212>.

B. Transit

(i) Maps and schedules posted at every stop

Maps and schedules at transit stops is a basic service for transit riders in most communities. In the Sustainable Mobility Plan, and in CLS public discussions on transit, maps and schedules at transit stops are consistently raised as a need by transit users. In addition, they allow casual or infrequent users to navigate the system, and help to increase ridership by advertising the service.

We recommend that transit timetables and maps be installed at all transit stops. As an example, Mountain Shelter Solutions (Barrie, ON), produce transit map/timetable holders that can be mounted on poles, or on bus shelters, at a cost of \$119.00 each (1). With 1450 transit stops in Greater Sudbury (2), this would be a one time cost of approximately \$173,000, with low annual maintenance costs thereafter.

(1) Rob Goodnough, Sales & Marketing Manager, Mountain Shelter Solutions; (2) Mr. Gauthier, CGS transi dept.

(ii) More bus shelters

Bus shelters are also an important service for transit users, especially in poor weather, and for children and seniors.

We recommend that a minimum of 10 additional shelters be added annually, targeting schools, shopping areas, community and recreational centres, and major intersections. Ten shelters would be a total cost of \$50,000 per year. However, this cost will be offset by advertising revenue.

Bus shelters are ~\$5000 (Mr. Gauthier, CGS transit dept.).

(iii) Expanding rack and roll

Rack and roll encourages both cycling and transit use, and enable active transportation trips that are not possible by cycling or transit alone.

We recommend that the 'rack and roll' program be expanded and advertised.

The big picture – increasing transit ridership

Increasing transit ridership through increased conveniences, E-pass programs with employers, and increased education are relatively small investments that lead to saving costs in road maintenance, while improving air quality, reducing congestions, and improving mobility for citizens.

2. Community Capacity

Volunteers donate time and expertise, bring in in-kind donations, and build sense of community, all for free – it's hard to find a better deal than that. An investment in community capacity leverages additional funding and donations, giving long lasting benefits to the community many times the value of the initial investment.

Revitalizing neighbourhoods and building community

(i) Community Action Networks

Community Action Networks lead many community improvements and events. They are also responsible for communicating with residents in their area.

We recommend that an annual fund of \$16,000 (an average of \$1000 per CAN) be established, from which CAN's can apply for additional funding for larger community improvements.

(ii) Neighbourhood Improvement Fund

Informal neighbourhood groups are often responsible for significant neighbourhood improvements and events. These informal groups are often ineligible for funding, without partnerships with the city or other organizations.

We recommend that an annual fund of \$12,000 (an average of \$1000 per ward) be established, from which neighbourhood groups can apply for funding for neighbourhood improvements and events. Further, we recommend that the city partner with these neighbourhood groups to enable them to leverage additional funding and offer charitable receipts.

This Neighbourhood Improvement Fund will empower residents to make neighbourhood improvements that are meaningful to them and improve their quality of life, while strengthening sense of belonging and community. It will facilitate neighbourhood projects such as community gardens, outdoor rinks, playground improvements, benches, plantings, etc.

Section 3: Support for other budget options

We would like to express our support for several other budget submissions:

1. Funding for painting and signage for cycling infrastructure, as outlined in the September 23, 2010 Manager's Report, "Pavement Markings and Signing for Paved Shoulders and Wide Curb Lanes for use by Cyclists".

This low-cost budget option will allow much needed improvements for Sudbury cyclists.

2. Funding for acquisition of green space, as outlined in the Green Space Advisory Panel Final Report.

This report identifies some high priority green spaces, with a high conservation and/or recreation value, that are privately owned, and at risk of development. The initial cost of acquiring these properties as part of the parks system is a worthy investment for their

protection in perpetuity. Our green spaces define our community. They are our parks, our access to nature, and our green infrastructure. Once a green space is lost, it cannot be regained. After the initial cost of acquisition, there is little to no maintenance cost, and this initial investment is more than repaid by the natural services of storm water management, air filtration, temperature regulation, etc. Just as importantly, our children and their grandchildren will have the experience of growing up with nature, walking, biking, and skiing the trails in their hometown.

3. The Rainbow Routes Association submission to allocate 3 to 5% of capital infrastructure spending over the next four years towards accomplishing the capital infrastructure recommendations made in the Sustainable Mobility Plan.
4. The Connect the Creek Partnership submission
5. The Sudbury Cyclists Union submission
6. The Green Sudbury submission
7. The submission by Chris Nash, former chair of the Greater Sudbury Lake Improvement Advisory Panel, including establishing grants for lake stewardship groups. We strongly support an annual fund from which lake stewardship committees can access funding for lake water testing, addressing threats, and public education.

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Monday, January 31, 2011 11:45 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Arthemise Camirand-Peterson
Organization: New Sudbury Community Action Network
Daytime phone: 705-524-9436
Email: artpet@persona.ca

Oral presentation requested: no

Description of project/program to be funded:

1)Continuous safe Bike Paths from New Sudbury to downtown. An extension of the path is needed on the south side of Fairburn to Lasalle and Paquette. Residents need a green alternative of mobility. 2)One more bright street light to avoid further incidents.

Projected benefits to the community:

1)Presently there is no path directly linking entry to path on both sides of Junction creek on Lasalle Blvd. 2)Better lighting needed at the corner of Holland & Lasalle Blvd. it is very hard to see at that intersection where a woman was killed recently.

Estimated one-time cost:

1)\$10,000.00 approximately 2)\$20,000.00 "

Estimated on-going costs:

1) \$1.00 2) \$1.00

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Monday, January 31, 2011 11:46 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: David Courtemanche
Organization: City of Lakes Family Health Team
Daytime phone: 705-560-3182 ext 220
Email: davecourtemanche@yourfamilyhealthteam.com

Oral presentation requested: no

Description of project/program to be funded:

The City of Lakes Family Health Team was established in 2007 with a mandate to develop four clinical sites in the City of Greater Sudbury. The City of Greater Sudbury along with the Sudbury Regional Hospital and the Northern Ontario School of Medicine are the original sponsors of the Family Health Team. The CGS has already contributed to the developed of the first three clinics in Sudbury, Val Caron and Walden. A fourth clinic is planned for Chelmsford and, like the first three clinics, will require the capital contributions of the CGS and the Province of Ontario. The Family Health Team currently serves over 15,000 patients. Their most recent clinic in Walden has attracted four new physicians to our community. They are expected to roster up to 6,000 orphan patients. The Ontario Ministry of Health currently provides annual operating funding in the amount of \$1.3 million to the Family Health Team primarily to staff the clinics with a team of interdisciplinary health care providers.

Projected benefits to the community:

There is an opportunity to pursue the development of the City of Lakes

Family Health Team's fourth clinic- in the former Rayside-Balfour town hall in Chelmsford.

Estimated one-time cost:

The 2011 budget option request is to start the capital planning process by providing funding in the amount of \$30,000 to generate conceptual design and cost estimates to renovate the former Town of Rayside-Balfour office located in Chelmsford.

Estimated on-going costs:

nil

budget - Budget 2010 - Funding Request

From: <webmaster@greatersudbury.ca>
To: <budget@greatersudbury.ca>
Date: Monday, January 31, 2011 11:56 AM
Subject: Budget 2010 - Funding Request

Budget 2010 - Online Funding Request Form

Full Name: Arthemise Camirand-Peterson
Organization: New Sudbury Community Action Network
Daytime phone: 705-524-9436
Email: artpet@persona.ca

Oral presentation requested: no

Description of project/program to be funded:

Move bus stop to where the creek is with a semi circle over the creek for the buses to move off Lasalle. Another option would be to remove the bus stop and not relocate it.

Projected benefits to the community:

Bus Stop at the corner of Roy & Lasalle Blvd caused congestion. Shoppers leave their shopping carts on Pharmasave parking lot. That corner has many problems and moving the bus stop would be beneficial to relieve some of the congestion

Estimated one-time cost:

\$200,000.00 approx or \$.0

Estimated on-going costs:

\$1.00 or \$0

Wahnapiatae Community Centre

The Wahnapiatae Community Centre is a not for profit ,incorporated volunteer group.

We provide a building to the community and area for over 40 years for a number of events.

Weddings, stag & does, tribute shows, baby showers, birthday parties ,banquets, childrens christmass parties teen dances Federal, Provincial and Municipal Elections .

We also provide a portion of the building during winter months for young and old alike, use of the wash rooms and shelter to change there skates and warm up . Water from the building is used to flood 2 rinks , one large one for adults and also a smaller one for younger and beginner skaters, lighting is also provided through the building facilities as well to the ball field during the summer months as needed .

The building is also available in emergency cases where families or individuals may need refuge on temporary basis , as well the city uses this building on occasion for emergency water distribution when water lines have been disrupted from time to time in the community .

We have social groups who also use the building at a modest rental as these groups share with the cleaning & care of the building :darts on Sunday nites ,Zumba exercise group 2Xweekly ,T O P S (weight watchers) Wednesdays meeting rooms which are made available to the various community based groups IE:Wahnapiatae Improvement committee ,Youth Association etc;

We presently receive an operating grant of \$14^{mil}000.00 from the greater city of Sudbury which has not been addressed in more than 15 years and you are well aware many cost of operations have escalated to much higher amounts causing our committee concern .

We have been self supporting for the past few years but as cost keep rising and rentals are not as strong as once was therefore maintaince and up grades are falling behind .

In last 2 years we have installed an elevator for disabled individuals (a Trillium grant was awarded to help in this endeavor,) new windows helping to cut down on energy costs , and a new roof which was long over due, having said that the furnaces are originals over 40 years old and need replacing as soon as possible with more energy saving unites , exterior

needs up grading IE: siding& insulation .

Therefore our committee is requesting an annual increase in our operating grant to cover the ever rising costs of operation, to keep this valuable building operating . Note: this is the only Operational Community Centre between Markstay /Warren and Sudbury.

An increase of an additional \$15,000.00 to \$20,000.00 would be very much appreciated and help our efforts as a volunteer committee to maintain the Wahnapiatae Community Centre as a much need recreational outlet

YOURS TRULY
The Wahnapiatae Recreational Committee

Budget11**Be part of it!****Request for Funding, Comments and Suggestions**

City Council wants to know what you think are the priorities for the 2011 budget. This is a chance to share your ideas about the opportunities and challenges facing the City of Greater Sudbury. The community consultation is also an opportunity to make financial requests. Although not all such requests may be possible in a time of fiscal restraint, all will be reviewed and considered.

Deadline for submissions: Wednesday, February 2, 2011**To be reviewed by Greater Sudbury Council as part of the budget process.**

* Fields denoted by an asterisk are mandatory

Name:*

STUART GREAVES--PRESIDENT

Organization (if applicable):

LAKE PANACHE CAMPERS' ASSOCIATION INC.

Daytime telephone:*

(705) 692-4764 (BUS.) (705) 677-5509 (CELL)

Email:*

sgreaves@toromont.com

I hereby acknowledge that the City of Greater Sudbury is collecting this information for the 2011 Public Budget Process pursuant to the Municipal Act, 2001, and consent to the information in its entirety being disclosed for that purpose to Members of Council, City staff and the general public.

Check here if you would like to make a presentation to the Finance Committee by attending the Public Consultation on Monday, January 31, 2011, starting at 5 p.m. in the Council Chamber of Tom Davies Square. Presenters are asked to limit their remarks to five

①

minutes.



Comments/Suggestions:

BACKGROUND SUMMARY ATTACHED.

Description of project/program requiring funding and why this project/program would benefit the community (if applicable):*

PROJECT DESCRIPTION ATTACHED.
THE COMMUNITY WOULD BENEFIT THROUGH IMPROVED
PUBLIC EMERGENCY ACCESS TO THE HELIPAD AS WELL AS
PUBLIC WATER ACCESS TO LAKE PANACHE.

Estimated one-time cost(if requesting funding):*

ONE-TIME CAPITAL FUNDING--\$53,000.00

Estimated on-going costs(if requesting funding):*

ONGOING MAINTENANCE COSTS BY PANACHE
CAMPERS' ASSOCIATION INC.

Municipal Freedom of Information and Protection of Privacy Act

Any questions relating to the collection, use and/or disclosure of the information provided in this form may be addressed to the City Clerk at Tom Davies Square, 200 Brady St, 2nd Floor or by telephoning 311.

2

January 31, 2011

REQUEST TO THE CITY OF GREATER SUDBURY FOR 2011 CAPITAL FUNDING

THE ASSOCIATION:

- Is a not for profit organization incorporated in 1987. Membership is approximately 250.
- Aims and objects are to promote the safety, environment, aquatic and conservation interests of the seasonal and permanent residents and users of Lake Panache.
- Maintains shoal markers, performs water quality sampling, holds social and fund raising activities.
- Maintains the lake's Public Access point under agreement with the Ministry of Natural Resources.
- Maintains an Air Ambulance Landing Site that services the camp owners, boaters and snowmobilers on Lake Panache and the permanent residents that live along Lake Panache Road and the many secondary roads. This Landing Site is situated on the MNR property.

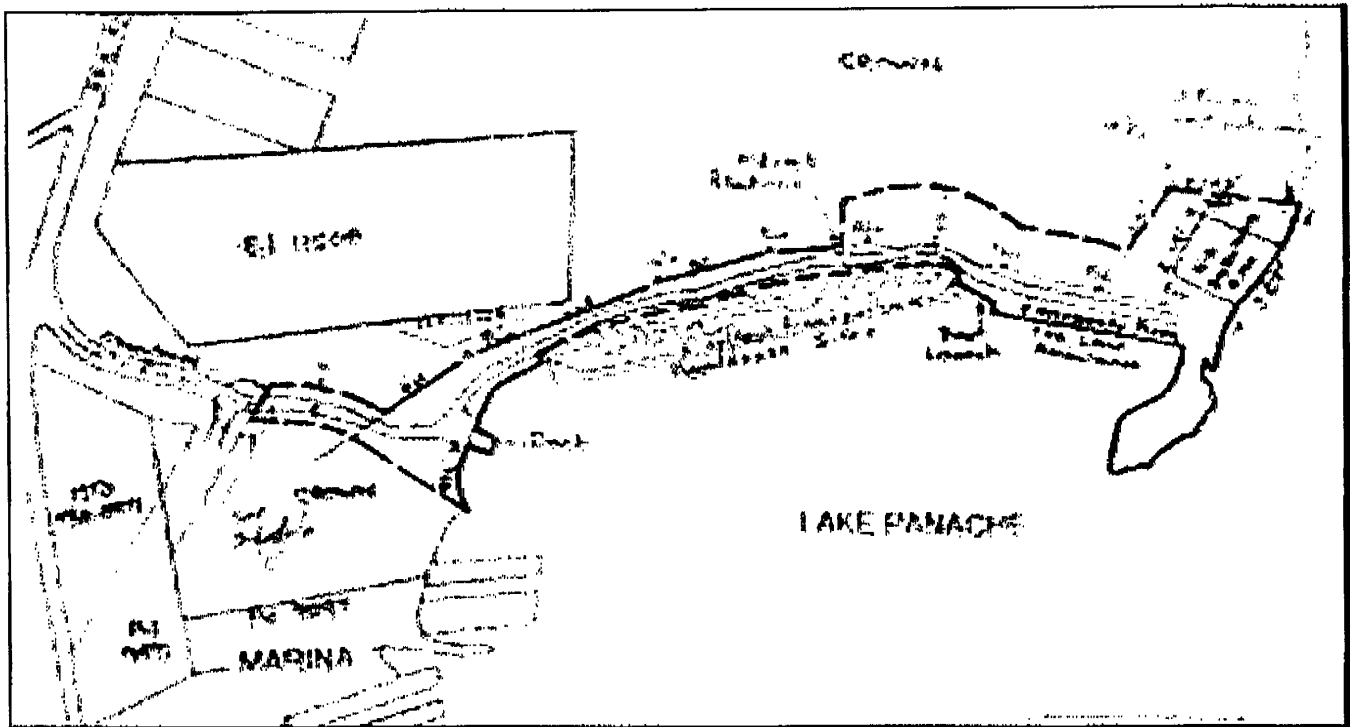
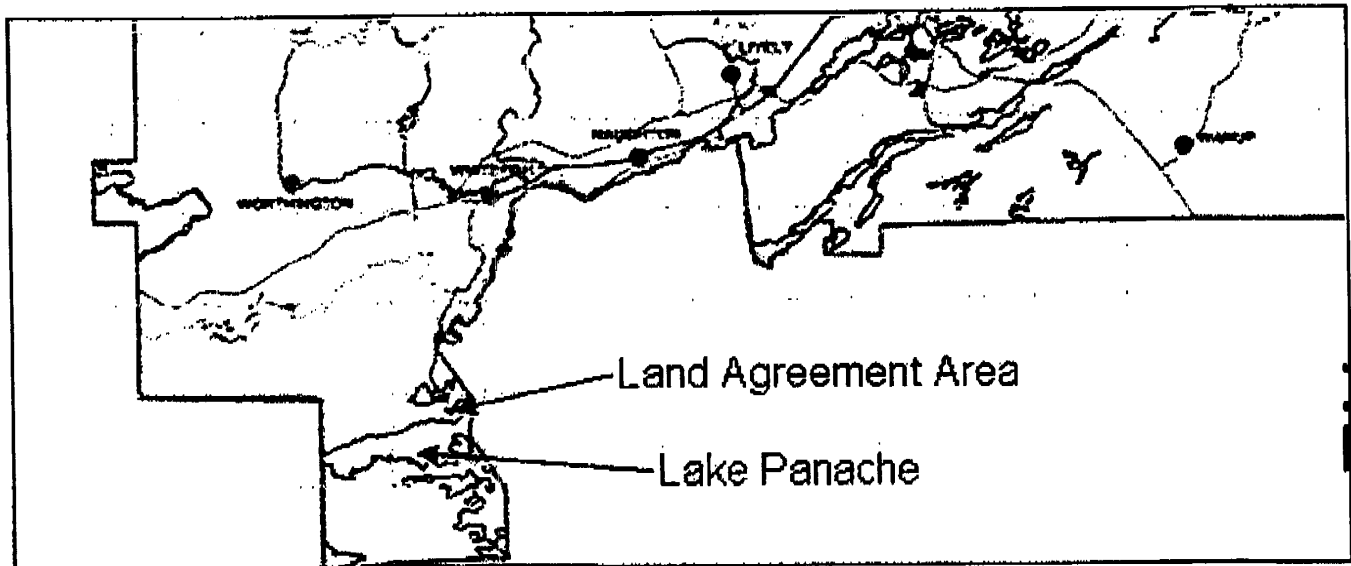
THE MNR PROPERTY BACKGROUND

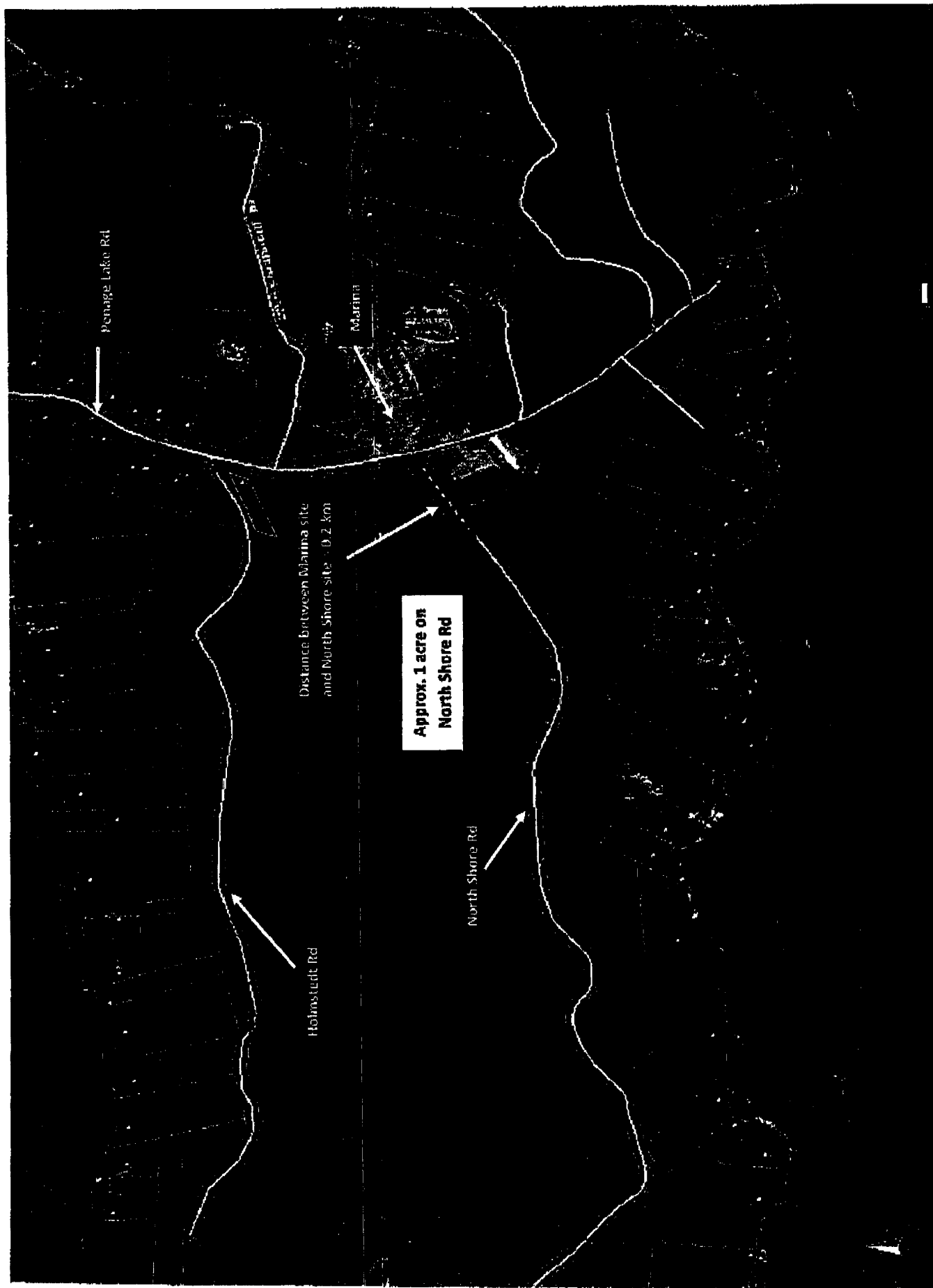
- In 1996, the MNR announced that they would no longer maintain the public access road and boat launch and would remove the public dock, all of which had fallen into disrepair.
- The LPCA approached the MNR and ultimately agreed to assume responsibility and repair of the site but not ownership.
- In 1997, LPCA replaced the public dock and installed an Air Ambulance Landing Site. This work was financed from Association reserves (\$6,000), fundraising of \$7,500 and thanks to a \$2,500 capital contribution from the former Town of Walden. The road and retaining wall were upgraded in subsequent years.
- The Air Ambulance site is fully recognized by Emergency Measures and is equipped for night-time landings. The access road is not maintained in winter.
- The current agreement with the MNR runs until Dec 31, 2013 and requires the Association to provide all materials, equipment, and personnel for the maintenance and management of the area. The Crown is not obligated nor is currently prepared to provide such.

THE REQUEST FOR ONE-TIME CAPITAL FUNDING

- The road through the property that provides access to the public dock, to the public boat launch and to the Air Ambulance site requires a "step change" improvement. Regular maintenance by the Association has not been able to keep this road suitable for both emergency ambulance vehicle and general public access
- The proposed work includes blasting, ditching, the supply of Granular A, compacting and grading. The proposed work would bring the road to an acceptable standard.
- A preliminary quotation for this work is \$53,000.
- Once the road is upgraded to standard, the Association will be able to fund annual maintenance and no further support from the City is anticipated.
- ***The Lake Panache Campers' Association Inc. requests that the Council of The City of Greater Sudbury includes this project in it's Approved 2011 Capital Projects Funding Plan.***







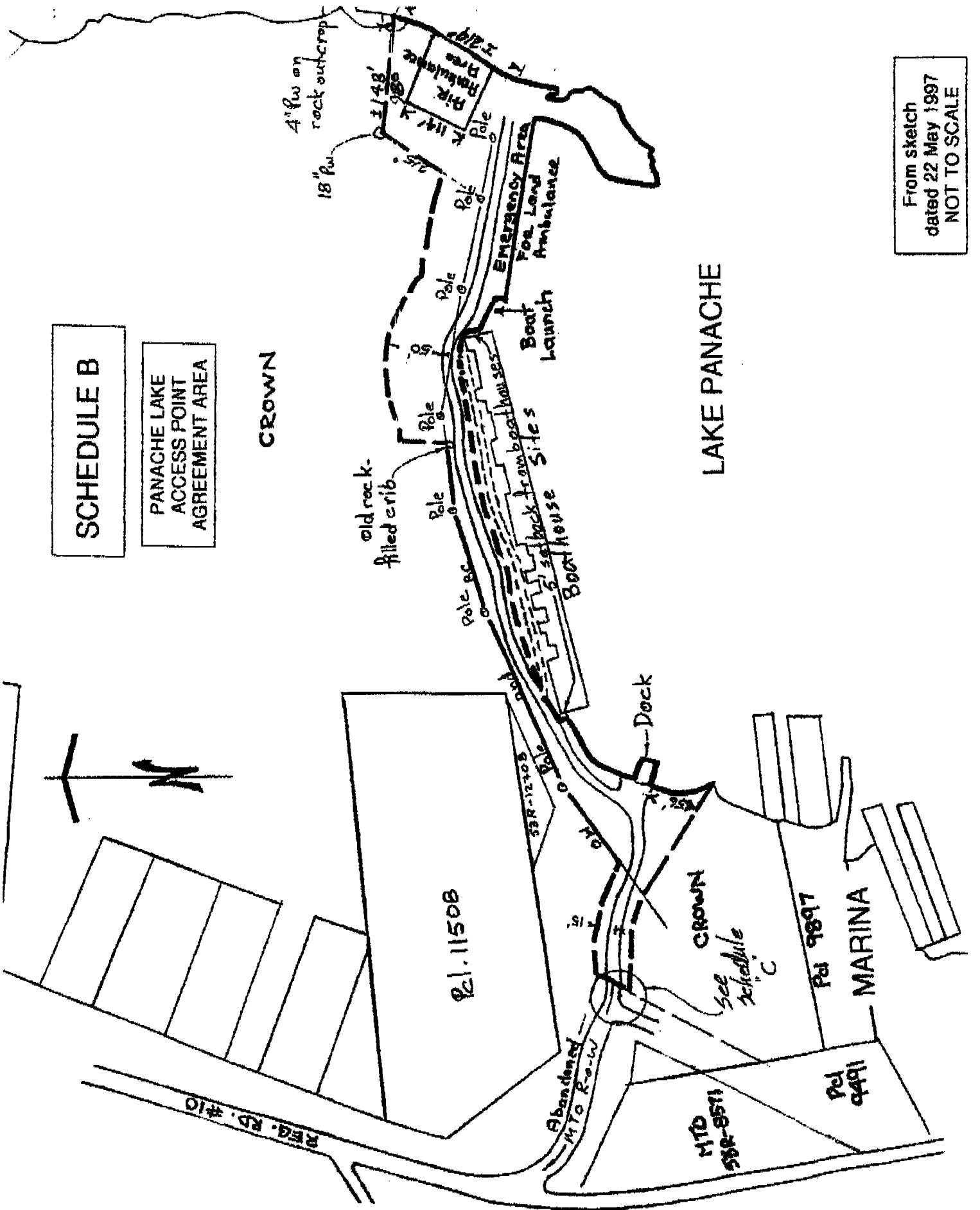
SCHEDULE B

PANACHE LAKE
ACCESS POINT
AGREEMENT AREA

CROWN

LAKE PANACHE

From sketch
dated 22 May 1997
NOT TO SCALE



Lake Panache Campers Association Inc.

[Home](#)
[Advocacy](#)
[Annual Newsletter](#)
[Calendar](#)
[Director's List](#)
[Fire Regulations](#)
[Helipad Project](#)
[Lake Panache](#)
[Links](#)
[LPCA in the News](#)
[Membership Info](#)
[Panache Photos](#)
[Report a Violation](#)
[Report Fires](#)
[Sponsors](#)
[Contact](#)

What's New

[2011 Dinner Dance](#)

[MNR Tip Line](#)

[Save Our Lakes](#)

LPCA in the News

July 25th, 1997, *Sudbury Star* wrote:

Panache campers repair boat ramp, install helipad

LISA GERVAIS/Star Staff

Brian Young knows the value of having an air ambulance landing pad on the shores of Walden's Lake Panache.

Last summer, his father-in-law, Romano Cassio, suffered a heart attack at camp.

An air ambulance was able to land at the private marina and paramedics literally "saved his life" after he "had technically died on the dock," says Brian.

But, not everyone has been so lucky after suffering a sudden illness or injury on the lake, says Young.

The marina isn't an approved landing site and there are many other places where an air ambulance simply can't land in the area.

The Lake Panache Campers' Association Inc. is working to rectify that situation, however, as well as repairing a boat launch and public dock.

The 250-or-so association members have banded together since the Ministry of Natural Resources said last summer it didn't have the money to repair the dock and was planning to remove it.

The association has not only taken over the dock and its repairs, but the boat launch and an ambitious heliport project as well.

QUOTE "From a health point of view it will be wonderful,"
Nancy Dozzi

July 28th, 1997, *Sudbury Star* editorial wrote:

Association's actions commendable

There are good things happening in the Lake Panache area of Walden. The Lake Panache Campers Association Inc.

7

Foaming Water Info

AGM Presentation

is building an air ambulance landing pad on a scenic spot of land overlooking the lake. It's also embarking on repairs to a public boat launch and dock.

The association deserves a round of applause for acting quickly a year ago when the Ministry of Natural Resources said it didn't have the money to fix up its decrepit public dock and was on the verge of removing it.

The association stepped in to ask the MNR's Marvin Smith to hold off while it came up with a plan. The MNR said it would leave the dock if the association was willing to repair and maintain it.

Since then, the association has signed an agreement with the MNR to manage about two acres of Crown Land in the area adjacent to the private marina here.

Along with the dock, it's taken on the responsibility of a public boat launch.

But the biggest and most admirable part of the whole deal had the association deciding to use some of the Crown land it was now managing to build a heliport so that air ambulances, and other helicopters, could land in the event of an emergency.

The association's 250-or-so members have donated about \$6,000 to the three projects.

The Town of Walden has contributed about \$2,500 for the projects that have a total budget of about \$8,500.

In addition, the association is asking 17 long-standing families to donate \$410 each to purchase \$7,000 worth of night-landing pylons required at the site.

Organizers are hopeful the dock, public boat launch and heliport can be in operation by the end of August.

A heliport is nothing short of a brilliant idea for this part of the region.

Because of Lake Panache's size there have been numerous boating and snowmobile accidents for which an air ambulance landing site would have proved invaluable in the past.

The fact that there will be one there now should also give elderly residents and cottagers a sense of security as they fret over sudden illnesses.

Far from looking after their own interests, the association has taken on the task of helping out its neighbors too.

People who live down Penage Lake Road and as far away as Beaver Lake will be able to make use of the facilities. And for this, we can all thank them.

November 1997, INCO Triangle

Check out Page 16 of the November 1997 edition of the INCO Triangle for a profile of the Association's efforts.

© Lake Panache Campers Association Inc.
Last Update: December 19, 2010



From: Mayor
To: Richard Munavish
CC: Angie Hache; Bill Lautenbach; Dave Kivi; Greg Clausen; Paul Baskcomb...
Date: 31/01/2011 2:12 pm
Subject: Re:

Dear Mr. Munavish,

Thank you for your e-mail. I will forward to the appropriate staff for their attention.

Best regards,

Kathryn
Mayor's Office

>>> Richard Munavish <rmunavish@sympatico.ca> 1/30/2011 8:23 PM >>>

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http://www.incredimail.com/app/?tag=display_picture_click_me_re&lang=9&version=6144668&setup_id=2&aff_id=102&addon=IncrediMail&upn=00000000-0000-0000-0000-000000000000)

January 29, 2011

To: Mayor Marianne Matichuk
City of Greater Sudbury
P.O. Box 5000, Station A
200 Brady Street, Tom Davies Square
Sudbury, Ontario
P3A 5P3

Cc: Councillor Dave Kilgour, Councillor Josecelyne Landry Altmann

Re: Budget Meeting on Monday January 31, 2011

Dear Mayor Matichuk,

I would like to request that the Finance Committee set aside money for a new, independent Traffic Study to study the effects of connecting Montrose Boulevard to the new Maley Drive Extension in Ward 12. The current Traffic Study that was conducted in 2004/2005 concludes that such a connection would decrease the amount of traffic into the Montrose neighbourhood. Some of our neighbours and Councillor Landry-Altmann have had a meeting with members of the Planning Department in the Fall of 2010 so that this conclusion could be explained. The Planning Department maintains that connecting a major 4 lane highway directly to Montrose Boulevard will actually decrease the amount of traffic in this neighbourhood. I have sincere doubts about the accuracy of this result. One only has to be at the corner of Notre Dame and Lasalle Boulevard to view the commuter traffic to and from the Valley to find this utterly incomprehensible. It is far more likely, that these commuters will indeed use my neighbourhood to avoid this corner. Given that Montrose has no sidewalks or bikepaths, I feel that direct connection to a major four lane highway is very dangerous to pedestrians, cyclists and children. It also dangerous to the residents who are trying to back out of their driveways during commuter times. Therefore the need to verify that traffic on Montrose will decrease as a result of the Maley/Montrose connection is of paramount importance.

Please submit my request to the Finance Committee for consideration.

Thank you,

Richard Munavish
860 Windermere
Sudbury, Ontario

P3A 5A5