

## Application Form

For Office Use Only - Project No.:

## Group Information:

Name	Lisa Zucchiatti, Project Biologist, Ontario Streams		
Address	50 Bloomington Road West, Aurora, Ontario L4G 0L8		
Phone	(905) 713-7399	Fax	(905) 713-7361
Email	<a href="mailto:lisa.zucchiatti@ontariostreams.on.ca">lisa.zucchiatti@ontariostreams.on.ca</a>	Website Address	<a href="http://www.ontariostreams.on.ca">www.ontariostreams.on.ca</a>
Charitable/Non Profit Organization registration # (if applicable)	Our Group has a bank account in the name of our organization		
Charitable #: 89664-4374 RP0001	Yes	✓	No

Briefly describe what your group does:

Established in 1995, Ontario Streams is a non-profit organization whose mission is to protect and rehabilitate the streams and wetlands of the Province of Ontario through education and community action. Our objectives are to rehabilitate degraded aquatic habitats, increase communication amongst individuals and organizations involved in conserving aquatic environments in Ontario, and act as a catalyst to empower communities in conserving their local environment through partnership building and the provision of resources.

## Projects Contacts:

Name	Doug Forder, Ontario Streams	Name	
Title	Field Supervisor	Title	
Phone (work)	(905) 713-7399	Phone (work)	
Phone (home)		Phone (home)	
Email	<a href="mailto:doug.forder@ontario.streams.on.ca">doug.forder@ontario.streams.on.ca</a>	Email	

## Project Summary

Title:	Little Rouge Creek Rehabilitation Initiative		
Location of Project	North Donald Cousens Parkway, East 9 <sup>th</sup> Line and East of Reesor Road and South of 16th Avenue (see attached maps)		
Name of Registered Owner of the Lands	Town of Markham		
Address of Registered Owner of the Lands	101 Town Centre Blvd., Markham, ON, L3R 9W3		
Contact Name for Registered Owner of the Lands	Town of Markham		
Phone # Registered Owner of the Lands	(905) 477-7000	Duration (months, maximum 12 months)	12 Months
Request for	Spring Funding ✓	Fall Funding	Either
Start Date of Project	April 2010	End Date	March 2011

Please describe which of the following objectives your project meets and how:

- ❖ The project provides demonstrable, widespread and lasting environmental benefits for the community;
- ❖ The project is a leading environmental innovation that can be showcased by the Town of Markham;
- ❖ The project promotes education, understanding and participation in environmental sustainability in the Town of Markham; and;
- ❖ The project supports the Town's environmental policies and strategic plan.

(Please see attachment – Appendix 1)

Please provide a detailed description of your project in the following space. Please attach additional pages if necessary to fully explain your project. This description should include:

- ❖ Purpose for the project
- ❖ Description of the Project Team
- ❖ What will your project accomplish? (include workplan with timelines)
- ❖ Who will maintain and monitor the project after completion? (please provide contact information)
- ❖ What are the measurable benefits of this Project?
- ❖ How will you promote the MESF fund with this project?
- ❖ Describe other funding sources/in kind support
- ❖ How will the benefits to the environment and your community be maintained after your project has been completed?
- ❖ Will there be an educational sign component. If so, please describe

**(Please see attachment – Appendix 1)**

Please also provide a cost summary including (please use attached budget forms on pages 4 and 5 to this application to provide details of the costs)

Total Project Cost	<b>\$25,243.00</b>	Amount requested from the MESF	<b>\$5,000</b>
Amount from other sources	<b>\$20,243.00</b>	In- Kind support hours	<b>200</b>

### BUDGET FORM – HUMAN RESOURCES (Volunteers)

[illegible]

**\*NB** - This number reflects the volunteer hours of our partner T.E.A.M. at Milliken Mills High School. If there are opportunities for community involvement, Ontario Steams will be circulating flyers within the community and posting it on our website.

## BUDGET FORM

Materials, Supplies and Equipment	Cost			MESF	Other
	# of units	Unit Cost \$	Total Cost \$		
Native shrub seedlings (Site 1 and 2)	900	5.50 + tx	5,350.00	5,000.00	350.00
Greenhouse shrubs	116	3.00	348.00		348.00
Temperature data loggers/Preserving alcohol			200.00		200.00
Gloves	30		50.00		50.00
Shovels	20		200.00		200.00
Wheelbarrow	1-2		100.00		100.00
Spades	10		100.00		100.00
Suntan lotion/hand sanitizer	2		30.00		30.00
Trailer	1		600.00		600.00
Vehicle Rental	1		860.40		860.40
Gas	1		350.00		350.00
Volunteer Refreshments			100.00		100.00
<b>Sub-total=</b>			<b>\$8,288.40</b>	<b>\$5,000.00</b>	<b>\$3,288.40</b>

### Other Expenses

HR – Project Biologist			5,971.00		5,971.00
Habitat technicians			8,794.60		8,794.60
Field Supervisor			450.00		450.00
Office resources/supplies			500.00		500.00
Insurance/auto liability			889.00		889.00
Cell Phone			350.00		350.00
<b>Sub-total=</b>			<b>16,954.60</b>		<b>16,954.60</b>
<b>Total</b>			<b>\$ 25,243.00</b>	<b>\$5,000.00</b>	<b>\$20,243.00</b>

### How did you organization hear about the MESF? (Please check one)

Town Website ☐ Newspaper advertisement ☐ Word of mouth ☒ Other ☐

Upon completion of this Project please submit your project report, as well as original invoices, photos and records to Manager, Environmental Leadership, Town of Markham, 101 Town Centre Boulevard, Markham, Ontario, L3R 9W3. Telephone 905-415-7502. Fax 905-475-4710. Photos may be posted on the Town's website.

## Applicant's Signature

I hereby make application for funding from the Markham Environmental Sustainability Fund, declaring that all information contained herein is true and correct and acknowledging that the Town of Markham will assess this application based upon the information contained in this application.

If approved for funding I further acknowledge and agree:

1. to comply with all relevant policies and secure all permits required for this project and acknowledge that the Town bears no responsibility or has any liability in any manner with respect to this project.
2. that the Town reserves the right to review communications and communication materials to be presented to the public to ensure compliance with Town policies, including the Town's Communication Standards.
3. to promote the Markham Environmental Sustainability Fund on any communication materials, or signage associated with this project and will provide a detailed report on the project outlining how the funds were used to support the project upon completion of the project and no later than 1 year from receipt of the funding.
4. to allow the Town of Markham to use the project name and any images associated with the project to promote the Markham Environmental Sustainability Fund.
5. to return all unspent funds to the Town of Markham upon completion of the project.
6. that there shall be no personal benefit directly, or indirectly, from this funding and I will notify the Town of any conflict of interest situation should it arise in carrying out of the project.
7. that the Town is not a partner with the MESF recipient.
8. to permit the Town of Markham to claim ownership of greenhouse gas emission reductions, which resulted from the project.

Signature

Title

Printed Name

Date

*Lisa Zurchiatti* *Project Biologist*  
*Lisa Zurchiatti* *Feb. 10<sup>th</sup> . 2010*

*In the event the Registered Owner of the lands is an entity other than the Town of Markham, a letter must accompany the application stating that: the Owner consents to this application; acknowledges that the proposed project complies to all its applicable policies and requirements; and, that the writer has the authority to give its consent.*

*Submission of this application form does not guarantee approval of your application.*

*Personal information contained herein is subject to the Municipal Freedom of Information Act and the Personal Protection and Electronic Documents Act. The information collected may be used for promotional purposes. Completion of this form constitutes consent by the applicant to these terms and uses.*

OFFICE USE ONLY					
Date Application Received			New Applicant?	Yes	No
Approved/Not Approved	Yes	No			
Acknowledgement Letter Sent?	Yes	No	Date Sent		
Letter of Approval or Rejection Sent?	Yes	No	Date Sent		
Final Report Received?	Yes	No	Date Received		
Photos Received?	Yes	No	Date Received		
Consent for Photographs received	Yes	No	Photos posted on website?	Yes	No

# Markham Environmental Sustainability Fund

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## Photo Consent and Release Form

I, \_\_\_\_\_ hereby permit and authorize the  
(Print in full – first, middle initial & last name)  
Town of Markham (the "Town") to take my photograph/Image.

I acknowledge and agree that the Town may publish or use the Image for any Town purposes by any means whatsoever including, but not limited to electronic or digital means. I acknowledge that the Town may not be able to control the distribution or use of the Image by other than Town representatives.

I agree that this Consent and Release is given in perpetuity and for no consideration, credit, acknowledgment or financial recompense, now and in the future.

I hereby hold the Town harmless for any claims, actions, debts, damages, injuries or losses that may arise or be incurred as a result of the taking, use, publication or distribution of the image and I agree to indemnify the Town against any third party claims, actions, damages, injuries or losses brought or assessed against or incurred by the Town for the use of the Image(s).

Contact Information					
Signature		Date			
Address					
Town		Province		Postal Code	
Telephone			Email		
Town of Markham:					
Town Representative		Date			

## Appendix 1

**Please describe which of the following objectives your project meets and how:**

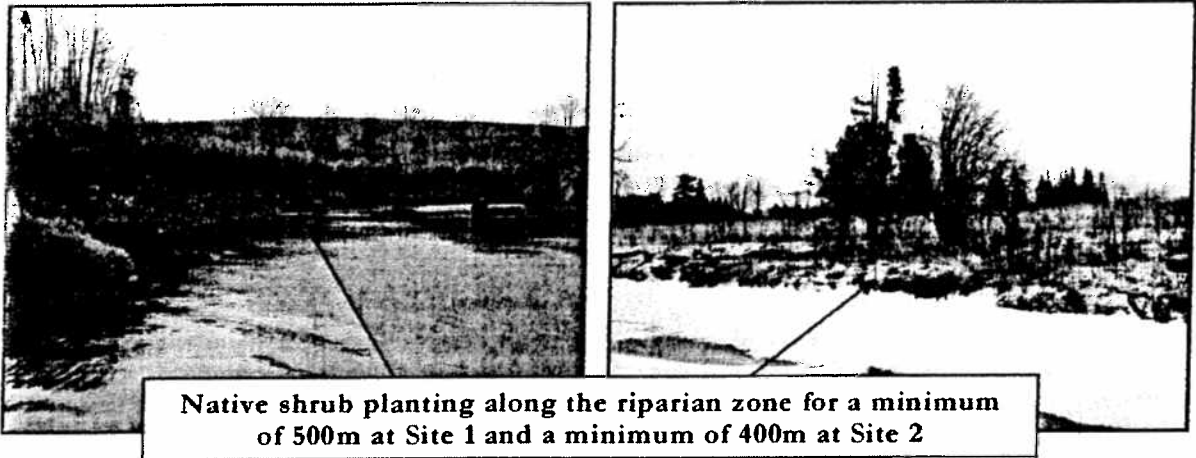
This project consists of planting native shrubs along the riparian zone at two locations of Little Rouge Creek. Site 1 is located north of Donald Cousens Parkway and riparian shrub planting will be completed along 500m within 0 to 3 meters of the water's edge. Site 2 is located east of Reesor Road and south of 16th Avenue and shrubs will be planted along 400m in the riparian zone. This will create lasting environmental benefits by reducing stream temperature, reduce soil loss and erosion, increase bank stability and create cover and terrestrial habitat. Currently, there are many people who use this space for recreational walks. The present rehabilitation efforts will only increase the aesthetics and outdoor enjoyment for the community over the long term.

One of the main goals at Ontario Streams is to help empower communities in conserving their local environment through partnership and exchange of resources. Volunteer participation and environmental education is a strong component of all projects at Ontario Streams. It is through this participation in their own backyards that volunteers learn about the natural environment and how to preserve and restore it in their own communities.

### ❖ Purpose for the project

This project is part of a larger redbreasted nuthatch habitat rehabilitation initiative which is to monitor, protect, and rehabilitate habitat for the provincially endangered redbreasted nuthatch populations in the Rouge River watershed. Populations of this sensitive species have been declining due to habitat loss resulting from urbanization and intensive land use. The components of this initiative are aimed at restoring historical populations of Redbreasted nuthatch, and creating additional habitat for existing populations.

The entire project will involve in-stream rehabilitation, habitat enhancement, mapping and monitoring. The stream currently has rock and gravel substrate in some sections while other sections are characterized by predominantly fine sediments. The section at Donald Cousens Parkway is comprised of deep runs and deep pools, however there is a lack of in-stream cover. The stream banks are incised and many sections are vulnerable to erosion. In some areas this has caused trees to fall in the stream and debris to collect and reduce water flow. Further downstream south of 16th Avenue, there continues to be a lack of in-stream cover providing food and cover for aquatic and terrestrial species. The main purpose of this component of the project is to increase the amount of riparian vegetation along Little Rouge Creek to help stabilize banks, reduce stream temperatures, provide food and cover and reduce the widening of the stream channel.



The present application is specifically for the planting component of this project for 2010-2011. Riparian shrub planting will be completed along a minimum of 500m at Site 1 and 400m at Site 2. A minimum of 900 native shrubs will be planted along Little Rouge Creek.<sup>1</sup>

Riparian planting of shrubs along the stream bank will help to stabilize the soils, reduce water temperature, provide cover and enhance terrestrial habitat. To stabilize the stream banks further, some sections will be regraded and planted with fascines lower down on the slope and shrub planting along the top of bank. Benthic and temperature monitoring will be completed at this site to assess water quality.

#### ❖ Description of the Project Team

The planting initiative will include one Project Biologist and one-two Rehabilitation Technicians. The other members of the team will be volunteers from the T.E.A.M program at Milliken Mills High School and other interested individuals and volunteer groups within the community.

#### ❖ What will your project accomplish? (include workplan with timelines)

**NB** – this is specifically for the planting component only:

##### Summer 2010

- Site visit and prep if required.

##### Fall 2010

- 3-4 days of shrub planting (last week of October-first week of November depending on when stock is available)

##### Winter 2011

- Final Report due – MESF

##### Spring 2010

- Site visit to check plants (following completion of project, the site will be monitored for three years for maintenance to plants).

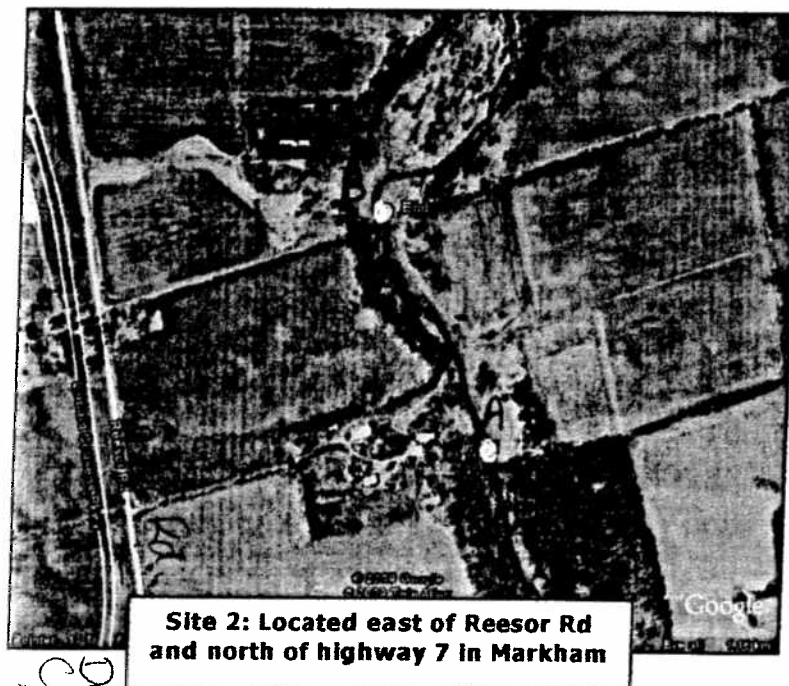
<sup>1</sup> **NB** - These numbers will depend on 2010 prices and stock availability.  
MESF 2010-11 Application – Appendix 1



**Site location (Project will take place between Points A and B):**



Donald  
Cousens Pkwy



Donald  
Cousens  
Pkwy.

- ❖ Who will maintain and monitor the project after completion? (please provide contact information)

This project will be monitored and maintained by Ontario Streams for three years following project completion. During that time, a site visit will be done each spring and fall to verify the shrubs and trees for rate of survival. Following the three years, it is the OMNR who assumes long term monitoring responsibility.

Ontario Streams  
Telephone: (905) 713-7399

- ❖ What are the measurable benefits of this Project?

The following factors will provide an indication of success of the project:

Short-term:

- The number of people that volunteer their time to help plant
- The number of shrubs/trees planted
- The number of shrubs/trees that survive

Long-term:

- An increase in water quality, a decrease in water temperature
- A reduction in erosion and an increase in soil stability
- An increase in aesthetics and community recreational usage

- ❖ How will you promote the MESF fund with this project?

Ontario Streams will promote the MESF and acknowledge financial support through the newsletter, fact sheets and on the website. These are advertised at trade shows and in communications material that is distributed to schools, landowners and other stakeholders. In addition, the newsletter will also be circulated to approximately 200 Ontario Streams' members and volunteers.

- ❖ Describe other funding sources/in kind support

Funding for this project has been requested to the following government agencies/organizations:

Organization	Funding Confirmed	Cash \$	In-kind \$
MNR CFWIP	No	3,000.00	
Environment Canada HSP	No	4,000.00	
MESF	No	5,000.00	
Ontario Streams	Yes		1,272.00
Rouge Park	No	5,971.00	
MNR Species at Risk	No	6,000.00	
<i>Subtotal</i>		\$ 23,971.00	\$1,272.00
<b>Total</b>		<b>\$ 25,243.00</b>	

- ❖ How will the benefits to the environment and your community be maintained after your project has been completed?

The benefits to the environment and the community will be seen in the long term as the shrubs and trees that are planted start to grow. They will eventually help to stabilize the soil and reducing the severe erosion and land slumps in this area. The cover provided by the shrubs will help to cool down the stream temperature, improving the water quality and habitat conditions for fish species such as the Redside dace. There are many members of the community who use this area for leisure walks and other recreational activities who will continue to benefit from these rehabilitation efforts.

- ❖ Will there be an educational sign component. If so, please describe

Ontario Streams supports educational components and additional recognition opportunities such as signage. Ontario Streams will work on the possibility of adding the MESF logo to the billboard located at the entrance of a public park off Donald Cousens Parkway. There are currently many logos featured on the billboard and Ontario Streams will work with the Town of Markham and Rouge Park on the possibility of adding another logo.



## Application Form

For Office Use Only - Project No.:

## Group Information

Name	Youth Environmental Network of York Region		
Address	50 Walford Road, Markham, ON, L3S 0A1		
Phone	519-702-4694	Fax	
Email		Website Address	
Charitable/Non Profit Organization registration # (if applicable)	Our Group has a bank account in the name of our organization Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

Briefly describe what your group does:

The Youth Environmental Network of York Region is a group of students working to:

1. raise awareness of environmental issues among youth in York Region;
2. encourage youth to contribute to the well being of the communities;
3. and facilitate communications and create a network of environmental resources in the community.

The organization is run by youth from York Region with an overseeing board of directors and board of advisors who have plenty of experience in working in the field of environmental action. Some events and activities include, the annual Ecological Action Conference (held in Markham and Aurora), Markham EcoFest, GreenAction Brochure Campaign, Richmond Hill Clean Air Campaign, and many more.

## Projects Contacts

Name	Vino Jeyapalan	Name	
Title	Interim President & Board of Director	Title	
Phone (work)	519-702-4694	Phone (work)	
Phone (home)	519-661-3547 ext.1053	Phone (home)	
Email	vino.jeyapalan@gmail.com	Email	

## Project Summary

Title	Ecological Action Conference: Markham Steps Forward		
Location of Project	Markham Civic Centre		
Name of Registered Owner of the Lands	-----		
Address of Registered Owner of the Lands	-----		
Contact Name for Registered Owner of the Lands	-----		
Phone # Registered Owner of the Lands	-----	Duration (months, maximum 12 months)	
Request for	Spring Funding <input type="checkbox"/>	Fall Funding <input type="checkbox"/>	Either <input type="checkbox"/>
Start Date of Project	February 2010	End Date	November 1, 2010

Please describe which of the following objectives your project meets and how:

- ❖ The project provides demonstrable, widespread and lasting environmental benefits for the community;

With this year's third annual Ecological Action Conference (EAC) we want to focus on a younger audience (i.e. elementary schools) especially students who will be transitioning to high school in a year or two. With an expected physical attendance of 200 students and teachers we really have a large group to work with, however we can make this project lasting and more widespread by using social media to our advantage. We plan on recording the conference this time and by uploading it to channels, such as Youtube and Facebook, we will be grasping an opportunity to show this to a larger audience. In addition, we want to be able to pass along this 'virtual' copy of the conference to schools that were not represented in person and therefore allowing us to cover all grounds.

Since the conference is being held in October 2010 (TBD) we can work more closely with the students to plan out their projects throughout the whole school year. This allows us to guarantee that every school in attendance will take action and influence their community within that school year. Also, the keynote address has not been confirmed, however the main favourite seems to be Craig Keilburger.



101 Town Centre Boulevard,

Form

Markham, Ontario, L3R 9W3

# Markham Environmental Sustainability Fund

## Applicant's Guide and Application

### What is the MESF?

The MESF is a Town program that funds innovative and leading environmental initiatives that contribute to the sustainability and health of the natural environment. The fund provides financial resources for projects in Markham that promote environmental responsibility and enhance the protection of the Town's natural resources. The purpose of the fund is to provide demonstrable, widespread and lasting environmental benefits to the Markham community.

### Who Can Apply?

Eligible organizations include; other levels of government, public agencies, school boards and Markham Community Groups including: Markham-based community ratepayer associations and local organizations, such as conservation groups, Scouts, etc.

Multi-jurisdictional groups, such as NGOs, or other organizations may be considered if there are clearly demonstrable benefits in the Town of Markham, conditional on such groups working with a local Markham community group.

A maximum of 3 schools may receive funding per funding cycle, to a maximum of \$5,000 each.

Individuals and "for profit" organizations are not eligible. Any project that results in a direct financial private benefit to the fund recipient is not eligible.

### What are the Program's Requirements?

Applications will be considered by the Environmental Issues Committee for recommendation to the Finance and Administrative Committee and Council. The following objectives shall be considered by the Environmental Issues Committee when reviewing applications:

- the project is a leading environmental innovation (i.e. pilot project) that can be showcased by the Town of Markham;
- the project promotes education, understanding and participation in environmental sustainability in the Town of Markham; and,
- the project supports the Town's environmental policies and strategic plan

Projects will be expected to meet at least one of these objectives, if not more.

Applications that do not meet any of these criteria will not be approved.

### What are the Community Funding Criteria for an Application?

- projects must be within the Town of Markham and initiated by members of the Town of Markham Community, or Town of Markham Community Groups;
- applicants can request a maximum of \$10,000 from the MESF per project per year;
- applicants may only apply once a year, for projects that will be completed within that same one-year time frame (12 months from issuance of cheque);
- only materials and equipment costs (not consulting services) are eligible for funding from the MESF;
- the project should have measurable results;
- the project should have demonstrable, widespread and lasting environmental benefits for the Markham community;
- any groups that received funding for projects which have not been completed and reported on are not eligible for future funding; and
- funding will not be granted where projects have been commenced.

### What are some Suggested Projects?

- energy efficiency initiatives / pilot projects
- climate change reduction and Kyoto initiatives
- clean air awareness activities and initiatives
- water management promotion
- green roof promotion and implementation
- downspout disconnection/rain barrel program
- wildlife habitat restoration/naturalization activities
- water conservation/efficiency initiatives

- natural features study update/implementation
- environmental and natural gardening promotion and information
- clean-up activities
- environmental management activities
- school environmental projects

### When are the application deadlines?

Funding is awarded twice each year - in Spring (February application deadline) and Fall (September application deadline). For specific dates please refer to the website or contact the Manager of Environmental Leadership.

### How Do I apply?

- Step 1** Carefully review these guidelines to ensure your group is eligible.
- Step 2** Speak with the Manager of Environmental Leadership about your proposed application.
- Step 3** Prepare any supporting information, such as illustrations and maps and attach them to the application form. Sufficient and complete information must be provided with the application for the Environmental Issues Committee to make a decision.
- Step 4** Submit your application to the Manager, Environmental Leadership, Town of Markham, Ontario, L3R 9W3. Telephone 905-415-7502, Fax 905-475-4710.

### Application Checklist

Please ensure that your application is complete. Are the following included in your submission?

- A complete and signed application form, including all budget and funding details
- All supporting documentation such as a map, species list, etc.
- Consent letter from registered owner, if applicable

### What will happen next?

The Environmental Issues Committee will review all applications taking into account the established objectives and criteria described above. They may choose to grant the right to the applicant to present their proposal, if requested. They will determine which projects should be funded and how they should be funded (in a single payment or in phases) and make a recommendation to General Committee and Council.

### How will I be notified?

A letter of acknowledgement will be sent upon receipt of an application. If your project is approved for funding, you will be contacted. If your application is not approved, you will be informed in writing.

### What happens after the Project is completed?

Upon completion of the project and no later than 12 months from delivery of the funding, you are required to submit your project report. Include a project report and photos so we can review and promote your project, together with the completed consent forms permitting use of your photographs by the Town (copy attached).

### What does a Project Report Contain?

- accounting of how all funding has been spent
- original copies of paid invoices
- description of the success/any shortfalls of the project
- photographs for review and promotion of the project
- completed consent form for use of photographs

A project format will be provided to assist you in preparing the report

Please provide a detailed description of your project in the following space. Please attach additional pages if necessary to fully explain your project. This description should include:

- ❖ Purpose for the project
- ❖ Description of the Project Team
- ❖ What will your project accomplish? (include workplan with timelines)
- ❖ Who will maintain and monitor the project after completion? (please provide contact information)
- ❖ What are the measurable benefits of this Project?
- ❖ How will you promote the MESF fund with this project? Describe other funding sources/in kind support
- ❖ How will the benefits to the environment and your community be maintained after your project has been completed?
- ❖ Will there be an educational sign component. If so, please describe

Please also provide a cost summary including (please use attached budget forms on pages 4 and 5 to this application to provide details of the costs)

Total Project Cost	\$9,637.70	Amount requested from the MESF	\$9,377.70
Amount from other sources	\$260.00	In- Kind support hours	10-12 hours per week

## Applicant's Signature

I hereby make application for funding from the Markham Environmental Sustainability Fund, declaring that all information contained herein is true and correct and acknowledging that the Town of Markham will assess this application based upon the information contained in this application.

If approved for funding I further acknowledge and agree:

1. to comply with all relevant policies and secure all permits required for this project and acknowledge that the Town bears no responsibility or has any liability in any manner with respect to this project.
2. that the Town reserves the right to review communications and communication materials to be presented to the public to ensure compliance with Town policies, including the Town's Communication Standards.
3. to promote the Markham Environmental Sustainability Fund on any communication materials, or signage associated with this project and will provide a detailed report on the project outlining how the funds were used to support the project upon completion of the project and no later than 1 year from receipt of the funding.
4. to allow the Town of Markham to use the project name and any images associated with the project to promote the Markham Environmental Sustainability Fund.
5. to return all unspent funds to the Town of Markham upon completion of the project.
6. that there shall be no personal benefit directly, or indirectly, from this funding and I will notify the Town of any conflict of interest situation should it arise in carrying out of the project.
7. that the Town is not a partner with the MESF recipient.
8. to permit the Town of Markham to claim ownership of greenhouse gas emission reductions, which resulted from the project.

  
Signature

President of Kenyr  
Title

Printed Name

Date

Nindharath Jayapalan Feb/21/10

*In the event the Registered Owner of the lands is an entity other than the Town of Markham, a letter must accompany the application stating that: the Owner consents to this application; acknowledges that the proposed project complies to all its applicable policies and requirements; and, that the writer has the authority to give its consent.*

*Submission of this application form does not guarantee approval of your application.*

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OFFICE USE ONLY				
Date Application Received			New Applicant?	Yes No
Approved/Not Approved	Yes	No		
Acknowledgement Letter Sent?	Yes	No	Date Sent	
Letter of Approval or Rejection Sent?	Yes	No	Date Sent	
Final Report Received?	Yes	No	Date Received	
Photos Received?	Yes	No	Date Received	
Consent for Photographs received	Yes	No	Photos posted on website?	Yes No



❖ Purpose for the project

The main goal of this conference is to feed interest of environmental lifestyles into the elementary school students. If we can find a way of getting students to be passionate towards wildlife or the landscape of Canada then we will be able to show them that they need to take action to make a change. Another side object is to make an online copy of the conference so that other students and citizens of Markham can watch. Students are also very unaware of the fact that the Town of Markham is a leading environmental community and by displaying the various resources they offer we can see great improvement in environmental projects held by schools.

❖ Description of the Project Team

YENYR is a youth-run organization with the help of advisors and board of directors. The committee that will be working on this project will be recruited by March 30<sup>th</sup>, 2010. However the project team structure will consist of the following:

Board of Directors/Advisors (3); President of YENYR (1); Chair of EAC Committee (1); Director of Speakers (1); Director of Virtual Conference (1); Director of Communications (1); Delegate Coordinator (1); School Coordinator (1); Sponsorship Coordinator (1); Volunteer Committee Members (6)

❖ What will your project accomplish? (include workplan with timelines)

**February 20 to March 20** → Advertise volunteer opportunities within YENYR for the conference

**March 7** → Partnership Outreach, which entails getting in contact with potential non-profit partners who could help contribute to the project (i.e. Students on Ice, Mayor's Youth Task Force)

**March 22 to 26** → Interviews conducted to select committee (Board of Directors decides)

**Month of April** → Work on listing down ideal speakers for the conference and the focus of each workshop

→ Start fundraising campaign

→ Get in contact with school board about the conference

**May 7-9** → Team retreat, which will involve vision planning and brainstorming for the conference

→ Create set date for the conference

**May 28-30** → Sponsorship training for committee

**Month of June** → Creating sponsorship packages

→ Start choosing materials for promo

→ Develop website for the virtual content

**Month of July** → Start sponsorship campaign

→ Start booking workshop speakers and keynotes

→ Develop schedule of conference

→ Start recruitment for day-of volunteers

→ Find performer for conference

**Month of August** → Purchase prizes & order promo material (for early bird prices)

→ Book all audio & visual equipment needed for conference and online recording

→ Complete all letters for schools and dignitaries

→ Print all the material for the conference

**Month of September** → Contact catering company

- Open registration online
- Send letter and packages to schools and dignitaries

### **Conference Date TBD (Early October)**

**November to May** → Follow up with schools on community projects

- ❖ Who will maintain and monitor the project after completion? (please provide contact information)

The project will be maintained and monitored by the Youth Environmental Network of York Region Conference Committee. The main contact would be Vino Jeyapalan (519-702-4694; [vjeyapalan@yenyr.com](mailto:vjeyapalan@yenyr.com)). Maintenance of the project will include:

- Contacting schools on a monthly basis to receive updates on projects
- Coming in to work in person with the schools on projects (maximum number of visits is twice a month)
- Running small grouped seminars on how to make a project sustainable and widespread
- And provide ongoing contact via email

- ❖ What are the measurable benefits of this Project?

As with the previous Ecological Action Conferences we were able to reach out to over hundreds of students and we plan to do more this year. With a planned attendance of about 200 students and teachers we want to increase the outreach by trying to get over 1,000 more attendees. The way we plan on going about this is through uploading an online recorded version of the conference. By using social mediums, such as Facebook and Youtube we will be able to expand to a larger network of people that include other residents in Markham besides students.

Another benefit will be from the 10 school groups that do attend we will be working with them side-by-side throughout the school year in developing green community initiatives that will be initiated by the end of the year. That is an increase of 10 other community events, which may involve park clean ups, environmental awareness campaigns, and more.

- ❖ How will you promote the MESF fund with this project?

In this year's Ecological Action Conference we want to include a more "virtual" component and part of the reason for this is because we want to grant more exposure to the MESF fund. In addition to the fact that we will have our promotional material promoting the fund, we will also be able to have MESF fund promoted in the conference video, which will be accessible to students and residents in Markham.

Further exposure will continue when we continue with our follow up (for more information read section "*How will the benefits to the environment and your community be maintained after your project has been completed?*"). Through working on the personal community projects with the schools we will be able to also advertise to the schools the opportunity of expanding their project through the funding from MESF.

- ❖ Describe other funding sources/in kind support

We plan to seek out funding from previous supports that have been a reliable funding source.

#### **Potential Funding Sources:**

- PowerStream
- Sorely & Still Law Firm
- BullFrog Energy
- TD Canada Trust
- FSA Group
- Fundraising Campaign

Potential Inkind Support:

- Mayor's Youth Task Force (venue, volunteers)
- Students On Ice (Speakers, performer)
- York Region Environmental Alliance (material)
- Windfall Ecology Centre (advice, performer, booths)
- TechVibes (online media support)
- Sierra Youth Coalition (booth)
- Green Street (Speakers)
- World Wildlife Foundation (Speakers, booth)
- David Suzuki Foundation (materials)
- International Polar Year Committee (speakers, materials, booth)
- Me to We (promotional materials, speakers)
- Dreamnow.org (speakers)

❖ How will the benefits to the environment and your community be maintained after your project has been completed?

After completion of the conference we plan to work with the school groups throughout the entire school year. This is the main focus of the follow up after the conference. We will be using 14 of our committee members to work in teams and guide the school groups in completing their personal environmental community projects. The key aspect to outline is we will be equipping the schools with information on how to apply to funding opportunities (such as MESF).

In addition to the follow up with schools that attended the conference, we will also be working in an online medium to schools that weren't able to attend. With a set of volunteers working on our website we will be able to post the conference in a series of videos (similar to the concept of TED.com). Furthermore assistance for other schools will be provided through online communications.

❖ Will there be an educational sign component. If so, please describe

As previously described the conference is a main source of educational awareness followed up by education of action. With 4 workshops in the morning and 4 workshops in the afternoon students will go through the process of learning two concepts from each set of workshops. In the first set of workshops our goal is to get the youth inspired and feeling passionate about the environment through the awareness of environmental issues. In the second set of workshops our goal is to display to the students Markham's contributions and how we can make them even better.

A majority of our awareness about environmental issues will occur during the conference and a lot of the project planning will occur as the follow up (read section "How will the benefits to the environment and your community be maintained after your project has been completed?").



# EAC 2010 Budget

## Expenses

Expenses	Amount	Method of Payment	Notes
Workshop Speakers	\$400.00		
Lunch Speaker	\$100.00		\$100 per speaker
Keynote	\$5,000.00		
Travel + Accommodation	\$515.00		
Performer	\$115.00		
Subtotal	\$8,015.00		
Video Conference			
Camcorder	\$564.99		
Video Recording Labour	\$60.00		
Video Production	\$50.00		
EAC Website			
Domain & Hosting	\$80.68		
Subtotal	\$755.67		
Printing			
Catering	\$1,740.20		Includes delivery
Promo Materials	\$873.70		
Printing of Packages	0		Possibly covered by FSA Group
Subtotal	\$2,613.90		
Admin Expenses			
Stamps	\$30.30		
Envelopes	\$2.83		
Admin. Printing	\$20.00		
Miscellaneous Expenses	\$200.00		Cost of Ink to be refilled for printing daily schedule
Subtotal	\$253.13		

Note: That due to the fact we are applying for early funding we wish to work towards sponsorship and any remaining funds will be returned

## BUDGET

Funding Source	Amount	Notes
MESF	\$9,377.70	Printing of Packages
FSA Group		Provide ecentralization for the conference
BullFrog Energy	\$110.00	
Dinh Productions	\$150.00	
Donations/Fundraising		
Total Funding	\$9,637.70	
Total Expenses	\$9,637.70	



**MESF Proposal: Ecological Action Conference – Arctic Summit**

**Date:** End of September 2010

**Where:** Markham Civic Centre

**What:** This is YENYR's third annual Ecological Action Conference, which will focus on bringing together senior elementary school students to learn about actions in Markham that affect our country as a whole (with a special focus on the Arctic).

**Purpose:** Markham is a suburban community, which has great impact on our country's natural environment. The best way to get people to change their actions is by displaying examples of direct change. The Arctic is a precious environment that is constantly changing and is a great example for youth to take back to their schools.

**Goal:** Bring in speakers that will focus on two main concepts:

1. What do suburban communities do negatively to the environment?
2. What is happening in the Arctic because of our actions here?

**Outline:**

The conference will be held at the Markham Civic Centre\* where we will have a target audience of 200 students from elementary schools across Markham attending.

In the morning students hear from a keynote speaker\*\* who kicks off the day. After the keynote students will attend the first set of workshops, which will talk about environmental problems occurring all across Canada (with a specific focus on the Arctic). Followed up by the first workshop students will have a lunch accompanied by a speaker who will talk about what we need to do in Markham to make a difference. Following lunch students will then be working in teams to brainstorm some projects to run for this year. We will then end the day with a closing note to sum up the day and keep the inspiration going with the students.

**What's Different:**

What is different this year than any other conference is that we will be working with the students to build social media projects. That means having students learn about how to use youtube, facebook, twitter, blogging, and the Internet as a resource to create some really cool projects with amazing affects on the community.

Also this year's conference will have a series of videos we will air during and following the conference documenting some of Markham's environmental leaders and some of Markham's greatest environmental achievements.

**\*\*Prospective Keynote Speakers:**





Colin Angus – first person to travel across the world (land & ocean) with human power

Geoff Green – Arctic & Antarctic Explorer

Stephen Lewis – Social activist

Matte Babel – Youth Environmental Activist for Flick Off

Prospective Partners:

Markham Mayor's Youth Task Force

Markham Teens Arts Council

Students On Ice

Windfall Ecology Centre

Town of Markham

Earthday Canada



## Application Form

For Office Use Only - Project No.:

## Group Information

Name	Ellen Fairclough P.S.		
Address	33 Brando Ave, Markham, Ontario L3S 4K9		
Phone	905 294 9455	Fax	905 294 6726
Email	www.ellenfairclough.ps@yrdsb.edu.on.ca	Website Address	
Charitable/Non Profit Organization registration # (if applicable)	Our Group has a bank account in the name of our organization		
	Yes <input type="checkbox"/> No <input type="checkbox"/>		

Briefly describe what your group does:

Our group (Green Team) at Ellen Fairclough meet once a month to discuss how we can keep our school and its surrounding eco-friendly. We are interested in promoting environmental responsibility and literacy through co-curricular activities.

## Projects Contacts

Name	Mrs Rita Hughes	Name	Mr. Ethan Andersen
Title	Teacher	Title	Teacher
Phone (work)	905 294 9455	Phone (work)	905 294 9455
Phone (home)		Phone (home)	
Email		Email	

## Project Summary

Title	Outdoor classroom / garden		
Location of Project	Ellen Fairclough P.S. (field, behind school)		
Name of Registered Owner of the Lands	York Region District School Board		
Address of Registered Owner of the Lands	33 Brando Ave, Markham Ontario L3S 4K9		
Contact Name for Registered Owner of the Lands	Mr. Paul Battler (Principal)		
Phone # Registered Owner of the Lands	905 294 9455	Duration (months, maximum 12 months)	12 months
Request for	Spring Funding <input checked="" type="checkbox"/>	Fall Funding	Either <input type="checkbox"/>
Start Date of Project	May / June 2010	End Date	On going

Please describe which of the following objectives your project meets and how:

- ❖ The project provides demonstrable, widespread and lasting environmental benefits for the community;
- ❖ The project is a leading environmental innovation that can be showcased by the Town of Markham;
- ❖ The project promotes education, understanding and participation in environmental sustainability in the Town of Markham; and;
- ❖ The project supports the Town's environmental policies and strategic plan.

Please see attached sheet.



101 Town Centre Boulevard,  
Markham, Ontario, L3R 9W3

# Markham Environmental Sustainability Fund Applicant's Guide and Application Form

## What is the MESF?

The MESF is a Town program that funds innovative and leading environmental initiatives that contribute to the sustainability and health of the natural environment. The fund provides financial resources for projects in Markham that promote environmental responsibility and enhance the protection of the Town's natural resources. The purpose of the fund is to provide demonstrable, widespread and lasting environmental benefits to the Markham community.

## Who Can Apply?

Eligible organizations include: other levels of government, public agencies, school boards and Markham Community Groups including: Markham-based community ratepayer associations and local organizations, such as conservation groups, Scouts, etc.

Multi-jurisdictional groups, such as NGOs, or other organizations may be considered if there are clearly demonstrable benefits in the Town of Markham, conditional on such groups working with a local Markham community group.

A maximum of 3 schools may receive funding per funding cycle, to a maximum of \$5,000 each.

Individuals and "for profit" organizations are not eligible. Any project that results in a direct financial private benefit to the fund recipient is not eligible.

## What are the Program's Requirements?

Applications will be considered by the Environmental Issues Committee for recommendation to the Finance and Administrative Committee and Council. The following objectives shall be considered by the Environmental Issues Committee when reviewing applications:

- the project is a leading environmental innovation (i.e. pilot project) that can be showcased by the Town of Markham;
- the project promotes education, understanding and participation in environmental sustainability in the Town of Markham; and,
- the project supports the Town's environmental policies and strategic plan

Projects will be expected to meet at least one of these objectives, if not more.

Applications that do not meet any of these criteria will not be approved.

## What are the Community Funding Criteria for an Application?

- projects must be within the Town of Markham and initiated by members of the Town of Markham Community, or Town of Markham Community Groups;
- applicants can request a maximum of \$10,000 from the MESF per project per year;
- applicants may only apply once a year, for projects that will be completed within that same one-year time frame (12 months from issuance of cheque);
- only materials and equipment costs (not consulting services) are eligible for funding from the MESF;
- the project should have measurable results;
- the project should have demonstrable, widespread and lasting environmental benefits for the Markham community;
- any groups that received funding for projects which have not been completed and reported on are not eligible for future funding; and
- funding will not be granted where projects have been commenced.

## What are some Suggested Projects?

- energy efficiency initiatives / pilot projects
- climate change reduction and Kyoto initiatives
- clean air awareness activities and initiatives
- water management promotion
- green roof promotion and implementation
- downspout disconnection/rain barrel program
- wildlife habitat restoration/naturalization activities
- water conservation/efficiency initiatives

- natural features study update/implementation
- environmental and natural gardening promotion and information
- clean-up activities
- environmental management activities
- school environmental projects

## When are the application deadlines?

Funding is awarded twice each year - in Spring (February application deadline) and Fall (September application deadline). For specific dates please refer to the website or contact the Manager of Environmental Leadership.

## How Do I apply?

- Step 1** Carefully review these guidelines to ensure your group is eligible.
- Step 2** Speak with the Manager of Environmental Leadership about your proposed application.
- Step 3** Prepare any supporting information, such as illustrations and maps and attach them to the application form. Sufficient and complete information must be provided with the application for the Environmental Issues Committee to make a decision.
- Step 4** Submit your application to the Manager, Environmental Leadership, Town of Markham, Ontario, L3R 9W3. Telephone 905-415-7502, Fax 905-475-4710.

## Application Checklist

Please ensure that your application is complete. Are the following included in your submission?

- A complete and signed application form, including all budget and funding details
- All supporting documentation such as a map, species list, etc.
- Consent letter from registered owner, if applicable

## What will happen next?

The Environmental Issues Committee will review all applications taking into account the established objectives and criteria described above. They may choose to grant the right to the applicant to present their proposal, if requested. They will determine which projects should be funded and how they should be funded (in a single payment or in phases) and make a recommendation to General Committee and Council.

## How will I be notified?

A letter of acknowledgement will be sent upon receipt of an application. If your project is approved for funding, you will be contacted. If your application is not approved, you will be informed in writing.

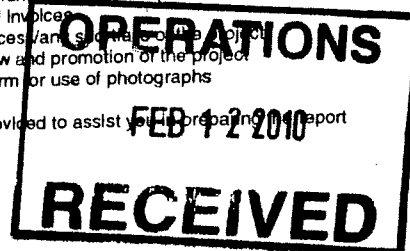
## What happens after the Project is completed?

Upon completion of the project and no later than 12 months from delivery of the funding, you are required to submit your project report. Include a project report and photos so we can review and promote your project, together with the completed consent forms permitting use of your photographs by the Town (copy attached).

## What does a Project Report Contain?

- accounting of how all funding has been spent
- original copies of paid invoices
- description of the success/and status of the project
- photographs for review and promotion of the project
- completed consent form for use of photographs

A project format will be provided to assist you in preparing the report



Please provide a detailed description of your project in the following space. Please attach additional pages if necessary to fully explain your project. This description should include:

- ❖ Purpose for the project
- ❖ Description of the Project Team
- ❖ What will your project accomplish? (include workplan with timelines)
- ❖ Who will maintain and monitor the project after completion? (please provide contact information)
- ❖ What are the measurable benefits of this Project?
- ❖ How will you promote the MESF fund with this project?
- ❖ Describe other funding sources/in kind support
- ❖ How will the benefits to the environment and your community be maintained after your project has been completed?
- ❖ Will there be an educational sign component. If so, please describe

Please see attached sheet.

Please also provide a cost summary including (please use attached budget forms on pages 4 and 5 to this application to provide details of the costs)

Total Project Cost	\$ 5500 - \$6000	Amount requested from the MESF	\$ 5000
Amount from other sources	\$ 1200 <sup>↑</sup> \$150	In- Kind support hours	N/A

Green Apple → \$1000  
 Canadian Tire → \$200  
 Water bottle sale → \$150 (about)

## BUDGET FORM – HUMAN RESOURCES (Volunteers)

[illegible]

P.S. We are in the process of finalizing this list.

## BUDGET FORM

[illegible]

### **Other Expenses**

(e.g. Printing Brochures)	100	0.50	50.00	25.00	25.00
Plaques (names of trees)			\$ 100		\$ 100
Plaques (sponseres)			\$ 100		\$ 100
<b>Total</b>			\$ 5500	\$ 5000	\$ 500

**How did your organization hear about the MESF?** (Please check one)

Town Website <input checked="" type="checkbox"/>	Newspaper advertisement <input type="checkbox"/>	Word of mouth <input checked="" type="checkbox"/>	Other <input type="checkbox"/> <u>Mr. Logan Karamath</u>
--	--	---	--


Upon completion of this Project please submit your project report, as well as original invoices, photos and records to Manager, Environmental Leadership, Town of Markham, 101Town Centre Boulevard, Markham, Ontario, L3R 9W3. Telephone 905-415-7502. Fax 905-475-4710. Photos may be posted on the Town's website.

## Applicant's Signature

I hereby make application for funding from the Markham Environmental Sustainability Fund, declaring that all information contained herein is true and correct and acknowledging that the Town of Markham will assess this application based upon the information contained in this application.

If approved for funding I further acknowledge and agree:

1. to comply with all relevant policies and secure all permits required for this project and acknowledge that the Town bears no responsibility or has any liability in any manner with respect to this project.
2. that the Town reserves the right to review communications and communication materials to be presented to the public to ensure compliance with Town policies, including the Town's Communication Standards.
3. to promote the Markham Environmental Sustainability Fund on any communication materials, or signage associated with this project and will provide a detailed report on the project outlining how the funds were used to support the project upon completion of the project and no later than 1 year from receipt of the funding.
4. to allow the Town of Markham to use the project name and any images associated with the project to promote the Markham Environmental Sustainability Fund.
5. to return all unspent funds to the Town of Markham upon completion of the project.
6. that there shall be no personal benefit directly, or indirectly, from this funding and I will notify the Town of any conflict of interest situation should it arise in carrying out of the project.
7. that the Town is not a partner with the MESF recipient.
8. to permit the Town of Markham to claim ownership of greenhouse gas emission reductions, which resulted from the project.

  
Signature

Elementary Teacher (EFPS)  
Title

Printed Name

Date

LALITA DSOUZA

February 12, 2010

*In the event the Registered Owner of the lands is an entity other than the Town of Markham, a letter must accompany the application stating that: the Owner consents to this application; acknowledges that the proposed project complies to all its applicable policies and requirements; and, that the writer has the authority to give its consent.*

*Submission of this application form does not guarantee approval of your application.*

*Personal information contained herein is subject to the Municipal Freedom of Information Act and the Personal Protection and Electronic Documents Act. The information collected may be used for promotional purposes. Completion of this form constitutes consent by the applicant to these terms and uses.*

OFFICE USE ONLY				
Date Application Received			New Applicant?	Yes No
Approved/Not Approved	Yes	No		
Acknowledgement Letter Sent?	Yes	No	Date Sent	
Letter of Approval or Rejection Sent?	Yes	No	Date Sent	
Final Report Received?	Yes	No	Date Received	
Photos Received?	Yes	No	Date Received	
Consent for Photographs received	Yes	No	Photos posted on website?	Yes No



**What will your project accomplish? (include workplan with timelines)**

- Our project started last year when the Green Team decided to have an outdoor garden/classroom for the school. The students drew some designs how they wanted this project to look like. The teachers looked at some of the drawings and put together some of their ideas. This was then presented to the School Board Environmental committee for review. An application form was submitted with the plan.
- The School Board approved of the plan and got us connected with Sheridan Nurseries, to determine the best types of trees and shrubs to and to get the lowest cost possible
- The cost of this project is about \$ 6000. It is going to be a challenge to raise the funds to pay for this initiative.
- We are currently working on a Water Bottle fundraising event. We hope to raise some funds for the project (our school is in the bottom 20 schools in our Board in terms of socio-economic means).
- We hope to work in partnership with Sheridan Nurseries, The Town of Markham, and out school board environmental team.(Mr. Robert Selvazzo is YRDSB contact)
- If all goes well we plan to begin this project this year sometime in May or June.

**Who will maintain and monitor the project after completion? (please provide contact information)**

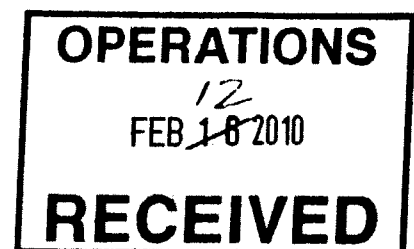
- The community will maintain and monitor the project after completion.
- During the school year the Green Team will have the students look after the project and during the holidays we will have parent volunteers to take care of the project.

**What are the measureable benefits of this project?**

- it will provide an outdoor educational resource for our students
- create a safe play space
- learn more about the environment, the habitat of birds and animals
- learn more about native trees
- provide a shaded area for the community to relax and have fun in the outdoors
- the most measurable thing would be the actual creation of the outdoor classroom
- we survey our staff, students, and parents every two years. The impact of this project would be included in those surveys to determine perceptions of each group in terms of the impact it is having on environmental education and grounds beautification in our community

**How will you promote the MESF fund with this project?**

- mention it in the school newsletter
- put up a sign that says donated by MESF
- by word of mouth
- eco-bulletin board
- staff/parent council meetings



**Please describe which of the following objectives your project meets and how:**

- The project provides demonstrable, widespread and lasting environmental benefits for the community
  - There is very little in the field behind our school, there is virtually no shade and our students sit on the ground. Creating an outdoor classroom space would provide a place for our classes to go to, engage in Science and Environmental studies. The space would also be used during break times. We hope that this area will provide a shaded area for the community to relax and have fun in the outdoors
  - the students will learn more about their environment, the habitat of birds and animals living in the area, and also learn about the Native trees
  - Litter is a problem in our community and it is our hope that this initiative, along with our school-wide focus on conservation and the environment, will help to generate greater community pride.

**Please provide a detailed description of your project in the following space. Please attach additional pages if necessary to fully explain your project. This description should include:**

**Purpose for the project**

- to establish an outdoor classroom/garden
- to create an outdoor classroom consisting of the placement of six to seven large logs and wood chips to define the space
- to plant trees and shrubs to create a defined green space around the classroom
- placement of a large flat rock, and several smaller rocks to be used as part of the classroom

**Description of the project team**

- Our team consists of, Mr. Battler (Principal); Mr. Masseau (caretaker), Mrs D'souza; Mr. Andersen, Mrs. Hughes; (teachers) about 20 students from grades 4 –8, some parent volunteers.
- our students and staff have been involved in the design of the classroom, as well as in determining where it would be located
- we have a partnership with Sheridan Nurseries and they will be helping us with this initiative
- we have invited parents to be part of this process and our School Council has been asked to use some of our fundraising funds to help finance part of this initiative. Unfortunately we don't raise a great deal of money so we are looking for other ways to make it happen

**Describe other funding sources/in kind support**

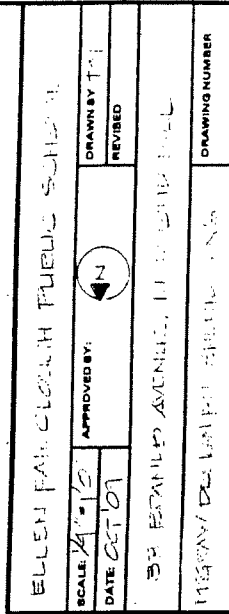
- received \$1000 from Green Apple funding
- Eco League funding has given us \$200 in Canadian Tire gift cards

**How will the benefits to the environment and your community be maintained after your project has been completed?**

- restore the school yard to a more natural look
- make sure that students show respect to the environment by not littering in the area
- students will enjoy the outdoor learning environment with their teachers
- want the community to enjoy nature

**Will there be an educational sign component. If so, please describe**

- we will write the name of the tree species on a plaque and attach it to the tree. The students will identify the tree by its name and can research to find out more about it
- we are planning to plant some shrubs around the outdoor classroom. The shrubs will be identified by writing the names on a stone or plaque.
- We may put up a sign in front of the school to show the community that we have a garden where they can come and relax.

[illegible]

2 December 1953

1 AUTUMN; ELZE PAGE

i. 200-201

14. Eleven Lines

11. WHITE CEMENT

5-10-68

10

SUGGESTS STRESS FOR WEIGHT LOSS,  
LARGEST LOSS BEING FOR EXHAUSTION  
HEAVY WEIGHT AND GREEN FACTOR.  
STIMULATED DUCARBE AND HEMOGLOBIN  
STRESS CUTTING FACTOR BETWEEN 10-15%  
STRESS SHOWN ARE APPROPRIATELY  
50% OF NATURE LIKE  
STRESS FACTOR SELECTED FOR A NATURE  
BENCH ADVANCEMENT AND STRESS

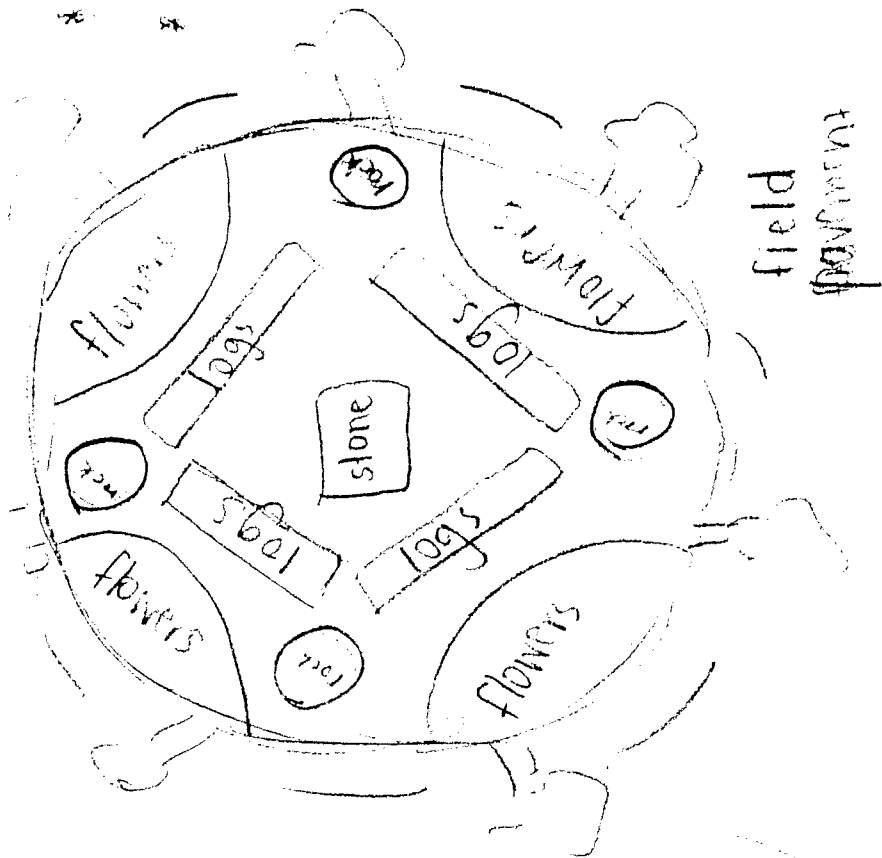
\* rock in all "compartments"

\* trees all around circumference

\* stone in middle for teacher

\* corner gardens for beauty

\* logs for students



field pavement

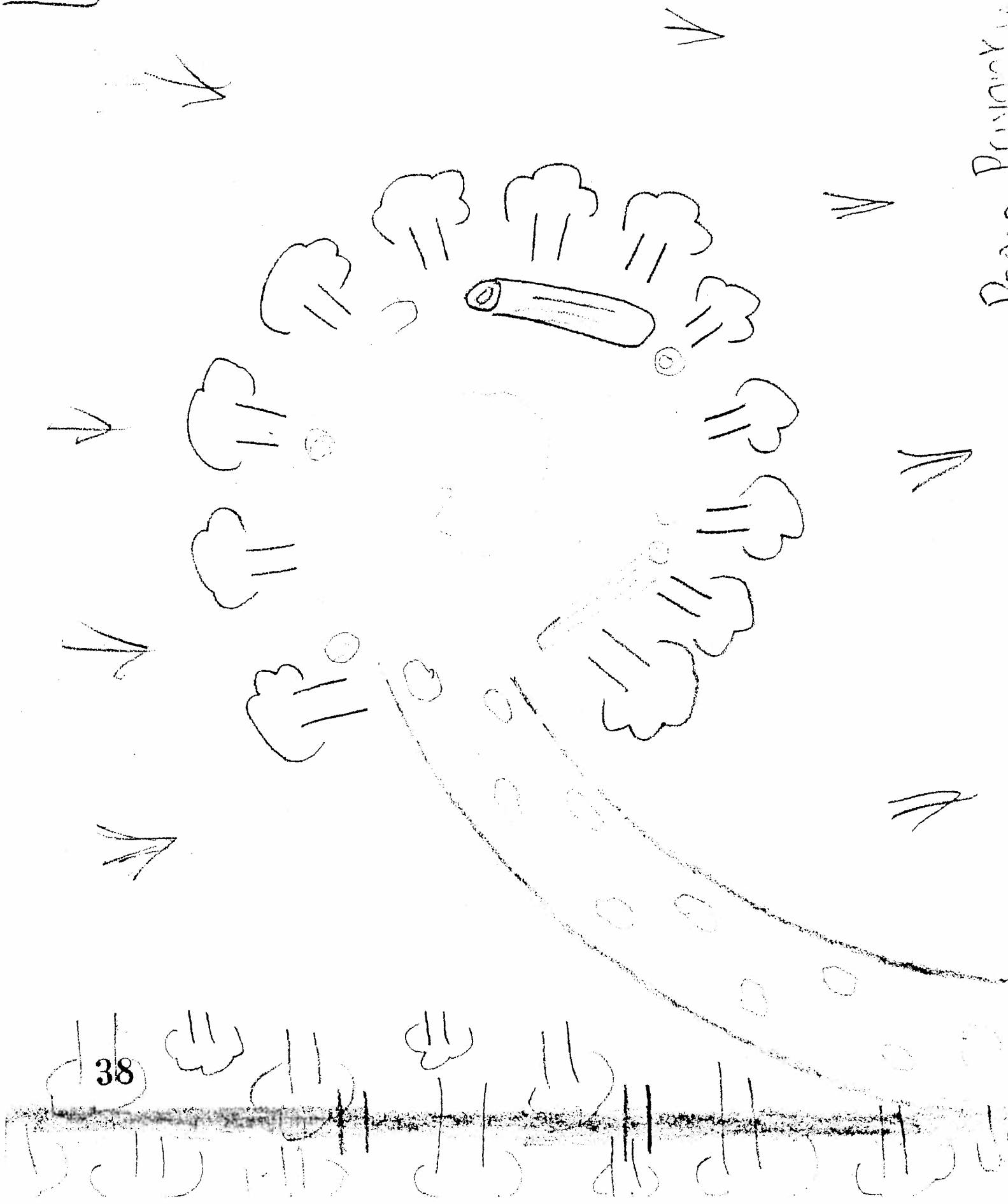
stove

school

TOP VIEW

Handwritten notes in a box:  
V = 9.000  
O = 0.000

Page Primary 11.1



square  
streets

banches

Primary

JUNIOR

Teachers

entrance  
exit

- This is not  
Acute sized

- It will look like a square  
primary lot

close up



Play ground

School

primary  
entrance

Flight entrance

2/10/15





# ATTACHMENT 4

OF ...ATIONS

## Application Form

For Office Use Only NOV 12 2009

<b>Group Information</b>			
Name	Unionville Meadows Public School - Green		
Address	355 South Unionville Ave. Markham ON L3R 5C5		
Phone	905-479-4795	Fax	
Email		Website Address	www.unionville-meadows-psc.yrdrb.educ.on.ca
Charitable/Non Profit Organization registration # (if applicable)		Our Group has a bank account in the name of our organization	
Yes <input checked="" type="checkbox"/> available from Board Office		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Briefly describe what your group does:

Unionville Public School is a gold certified Eco School. The Green Team at Unionville Meadows Public School is a group of about 40 grades 4 to 8 students interested in taking action against environmental issues. There are three working green groups at the school. The Lights Out Team monitors our energy consumption. The R.O.W.ing Team, (Reduce Our Waste) educates students and monitors our waste management system. (The successful blue and green bin recycling program.) The Schoolyard Restoration Team has been developing the schoolyard into a sun-safe resource, to support the curriculum, based on a survey of all stakeholders taken when the school opened five years ago. (They also weed and mulch the existing gardens as needed.) Past projects include: Log Circle/ Peace Garden, tree planting and construction of an outdoor stage (simple amphitheatre). Students recently participated in the Town's Green Print and the Yellow Fish Road community outreach initiative. Currently, we are part of the School Battery Retrieval Program Competition through Eco Watch Canada.

<b>Projects Contacts</b>			
Name	Amanda LeBlanc	Name	Jeanette McEllan
Title	Principal	Title	Teacher
Phone (work)	905-479-4795	Phone (work)	905-479-4795 x114
Phone (home)		Phone (home)	905-475-4878
Email	Amanda.LebLance@yrdrb.edu.on.ca	Email	jeanette.mcellean@yrdrb.edu.on.ca
<b>Project Summary</b>			
Title	(Field Guide and) Native Shrub bed at Peace Garden		
Location of Project	Unionville Meadows Public School Y.P.D.S.B.		
Name of Registered Owner of the Lands	60 Wellington St. Aurora		
Address of Registered Owner of the Lands	Robert Salvazzo - Plant Services		
Contact Name for Registered Owner of the Lands			
Phone # Registered Owner of the Lands	Duration (months, maximum 12 months)		
Request for	Spring Funding <input checked="" type="checkbox"/>	Fall Funding <input checked="" type="checkbox"/>	Either <input checked="" type="checkbox"/>
Start Date of Project	May 28, 2010	End Date	June 20, 2010 (planting time)

Please describe which of the following objectives your project meets and how:

### Unionville Meadows Public School Native Species Shrub Bed, Field Guide and Garden Party Project

Over the years, we have established a positive working relationship with the Town of Markham on the design and development of our school yard with regards to restoration and urban forestry. Our new garden is a project that can be easily showcased by the Town of Markham because it will now be visual pleasing photo opportunity. The shrubs will add to the biodiversity of the community and provide shelter from the wind/sun for students, thus complimenting Town's rigorous greening initiatives. The accompanying publication of the plant field guide/lesson plans binder has been funded through a York Region District School Board of Education Innovation Grant, promotes environmental education. There is also a community outreach component to this project as well. We hope to hold a "garden party" once the shrub bed garden is planted and invite grandparents and other caregivers to tour the garden/school and provide a bilingual guest speaker from Sheridan Nurseries to talk about gardening with native plants.

Please provide a detailed description of your project in the following space. Please attach additional pages if necessary to fully explain your project. This description should include:

The Green Team at Unionville Meadows Public School is a group of about 40 grades 4 to 8 students interested in taking action against environmental issues. Approximately 52% of the students are identified as "At Risk" and 40% are English Language Learners. Some students are from war torn countries, so having a Peace Garden is a symbol of the safety felt while living in Markham. The purpose of the development of a native shrub bed and plant field guide (binder form) is to introduce and educate students about native plant material, help restore the land through urban forestry, provide shelter from the wind/sun, provide environmental stewardship opportunities for students and increase the lasting biodiversity of the school yard.

In 2007-2008 logs were placed in a circle to provide seating and trees planted to provide shade. Large flagstones were also embedded to provide a wheel chair pad and short path leading to the entrance of the Peace Garden. Strategically placed tree stumps act as a table and author's chair. It is our goal to have the garden bed prepared this spring and plant the shrubs in May/June 2010. A Markham Environmental Sustainability Fund sign has already been mounted on one of the logs to credit your generosity. In addition, we will promote your support through school newsletters, at Parent Council Meetings and any media coverage that comes our way. (The latest being a documentary about Eco Schools, November 3, 2009.)

To date, we have had great success with students and UMPS Green Team alumni students from Markville Secondary School returning during the summers to water plant material, weed the existing gardens and pick up litter. Parents have also expressed interest in helping out. Caretakers at the school, John Semple (Lead Caretaker) directly supervises the students/parents and Jeanette McLellan (Green Team Teacher) recruits volunteers.

Obviously, having the plant material survive is a measureable outcome. Also, we can track the number of students and staff who use the garden and amount of time they spend there. However, a special story must also be shared. Two years ago we had a student pass away with inoperable cancer. On the day of the news of his passing, the Peace Garden was packed with students at recess. One cannot predict or measure this kind of benefit. We were just grateful to have had this special resource in the school yard, thanks to your former generosity. The field guide/lesson plan component of the project will reinforce many curriculum expectations, (examples: pioneer uses of plants, habitat and food webs) addressing ongoing environmental education.

Please also provide a cost summary including (please use attached budget forms on pages 4 and 5 to this application to provide details of the costs)

Total Project Cost	\$ 7,122.00	Amount requested from the MESF	\$ 4,572.00
Amount from other sources	\$ 2,550.00	In- Kind support hours	414

### BUDGET FORM – HUMAN RESOURCES (Volunteers)

Service	Details		In- Kind Value (in hours worked)
	Number of People	Estimated Time for Each hour)	
(e.g. Volunteer planters)	10	10	100
Landscape Designer	1	5	5
Master Gardener Volunteer	1	4	4
Students - Fund Raising Project	6	10	60
Students - Planters	15	3	45
Teacher - Proposals, Plans, Presentations + Admin. Tasks	1	36	36
Teachers - Field Guide	2	30	60
Students - Researching Field Guide + Publication	8	20	160
Student/Teachers - Garden Party	10	4	40
Consultant Re: Plant Material	1	2	2
Presenter at Garden Party	1	2	2
Total	46	116	414

## BUDGET FORM

Materials, Supplies and Equipment	Cost			MESF	Other
	# of units	Unit Cost \$	Total Cost \$		
(e.g. Native seedlings)	500	1.00	500.00	200.00	300.00
* See attached quotes from Avante + Sheridan Nurseries					
MESF is requested to cover all plant material and site preparation work					
Mulch + Plant Material				222.00	1000.00
Site Preparation				3350.00	

### Other Expenses

(e.g. Printing Brochures)	100	0.50	50.00	25.00	25.00
* Garden Party and Field Guide Expenses covered by YRDSB				\$ 2000	
* Landscaping Plan				\$ 200	
* Gardening Equipment covered by Student fund waiver				\$ 350	
Total				\$ 4572.00	\$ 350.00

### How did you organization hear about the MESF? (Please check one)

Town Website <input type="checkbox"/>	Newspaper advertisement <input type="checkbox"/>	Word of mouth <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
---------------------------------------	--	---	--------------------------------

Upon completion of this Project please submit your project report, as well as original invoices, photos and records to Manager, Environmental Leadership, Town of Markham, 101 Town Centre Boulevard, Markham, Ontario, L3R 9W3. Telephone 905-415-7502. Fax 905-475-4710. Photos may be posted on the Town's website.

*M. J. J. J.*

**Unionville Meadows Public School  
Native Species Shrub Bed, Field Guide and Garden Party Project**

**Budget Summary**

**Secured Funding**

1. Field Guide Publication and Garden Party	YRDSB Funded	\$2000.00
2. Gardening Equipment	Student Funded	\$ 350.00
3. Landscape Plan	Donated Avante Property Services	\$ 200.00

**M.E.S. F. Request**

1. Site Preparation	Avante Property Services	<div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;"><b>\$ 3,350.00</b></div>
Plant Material and Mulch (Supply and Deliver)	Sheridan Nurseries Unionville	\$ 1,222.00 ✓
Total M.E.S.F. Request		<hr/> \$ 4,572.00
Total Value of Project		\$ 7,122.00

Other funding sources and in kind support:

1. Avante Property Services (Stouffville)  
Donated the Landscape Plan  
Value: \$200.00 (Approx. 5 hours)
2. Volunteer Master Gardener - Jeannie Nicolaou  
Will teach and assist students to plant shrubs properly  
Value: ? (Approx. 4 hours)
3. Green Team Students  
Held Used Toy and Book Sale  
Raised \$350.00 towards the project (Approx. 10 hours)
4. York Region District School Board  
Innovation Grant for publication of Field Guide,  
Lesson Plan Binder, Program Supplies, Locked Storage  
Value: \$2,000.00  
(Approx. 60 teacher volunteer hours to research and publish)
5. Sheridan Nurseries (Unionville)  
Consultation, trade prices and free plant material delivery  
Bilingual Speaker for Garden Tour  
Value: \$260.00 (Approx. 4 hours)

*Please Note:*

- Grant applications were submitted to T.D Friends of Environment and Evergreen/Wal-Mart however, both were declined.
- This project has been approved by the School Board. See attached.
- The funds raised by the students will go towards purchasing gardening equipment.

# Applicant's Signature

I hereby make application for funding from the Markham Environmental Sustainability Fund, declaring that all information contained herein is true and correct and acknowledging that the Town of Markham will assess this application based upon the information contained in this application.

If approved for funding I further acknowledge and agree:

1. to comply with all relevant policies and secure all permits required for this project and acknowledge that the Town bears no responsibility or has any liability in any manner with respect to this project.
2. that the Town reserves the right to review communications and communication materials to be presented to the public to ensure compliance with Town policies, including the Town's Communication Standards.
3. to promote the Markham Environmental Sustainability Fund on any communication materials, or signage associated with this project and will provide a detailed report on the project outlining how the funds were used to support the project upon completion of the project and no later than 1 year from receipt of the funding.
4. to allow the Town of Markham to use the project name and any images associated with the project to promote the Markham Environmental Sustainability Fund.
5. to return all unspent funds to the Town of Markham upon completion of the project.
6. that there shall be no personal benefit directly, or indirectly, from this funding and I will notify the Town of any conflict of interest situation should it arise in carrying out of the project.
7. that the Town is not a partner with the MESF recipient.
8. to permit the Town of Markham to claim ownership of greenhouse gas emission reductions, which resulted from the project.

 Principal  
Signature Title

Printed Name Date  
Amanda LeBlanc Nov 10 / 2009

*In the event the Registered Owner of the lands is an entity other than the Town of Markham, a letter must accompany the application stating that: the Owner consents to this application; acknowledges that the proposed project complies to all its applicable policies and requirements; and, that the writer has the authority to give its consent.*

*Submission of this application form does not guarantee approval of your application.*

*Personal information contained herein is subject to the Municipal Freedom of Information Act and the Personal Protection and Electronic Documents Act. The information collected may be used for promotional purposes. Completion of this form constitutes consent by the applicant to these terms and uses.*

OFFICE USE ONLY				
Date Application Received			New Applicant?	Yes No
Approved/Not Approved	Yes	No		
Acknowledgement Letter Sent?	Yes	No	Date Sent	
Letter of Approval or Rejection Sent?	Yes	No	Date Sent	
Final Report Received?	Yes	No	Date Received	
Photos Received?	Yes	No	Date Received	
Consent for Photographs received	Yes	No	Photos posted on website?	Yes No

Date: January 26, 2010

Town of Markham  
101 Town Centre Boulevard  
Markham, Ontario  
L3R 9W3

**Attention: Mavis Urquhart, Manager, Environmental Leadership**

**Re: Consent for Application for M.E.S.F. Funding for Unionville Meadows Public School**

The Registered Owner of the lands at Unionville Meadows Public School is the York Region District School Board.

The York Region District School Board consents to the application by Unionville Meadows Public School for funds from the Markham Environmental Sustainability Fund (M.E.S.F.). In this capacity, the York Region District School Board acknowledges that the proposed project complies with all Board applicable policies and requirements. Amanda LeBlanc Principal of Unionville Meadows Public School, as the "Applicant for M.E.S.F." has the authority to give consent for the project.

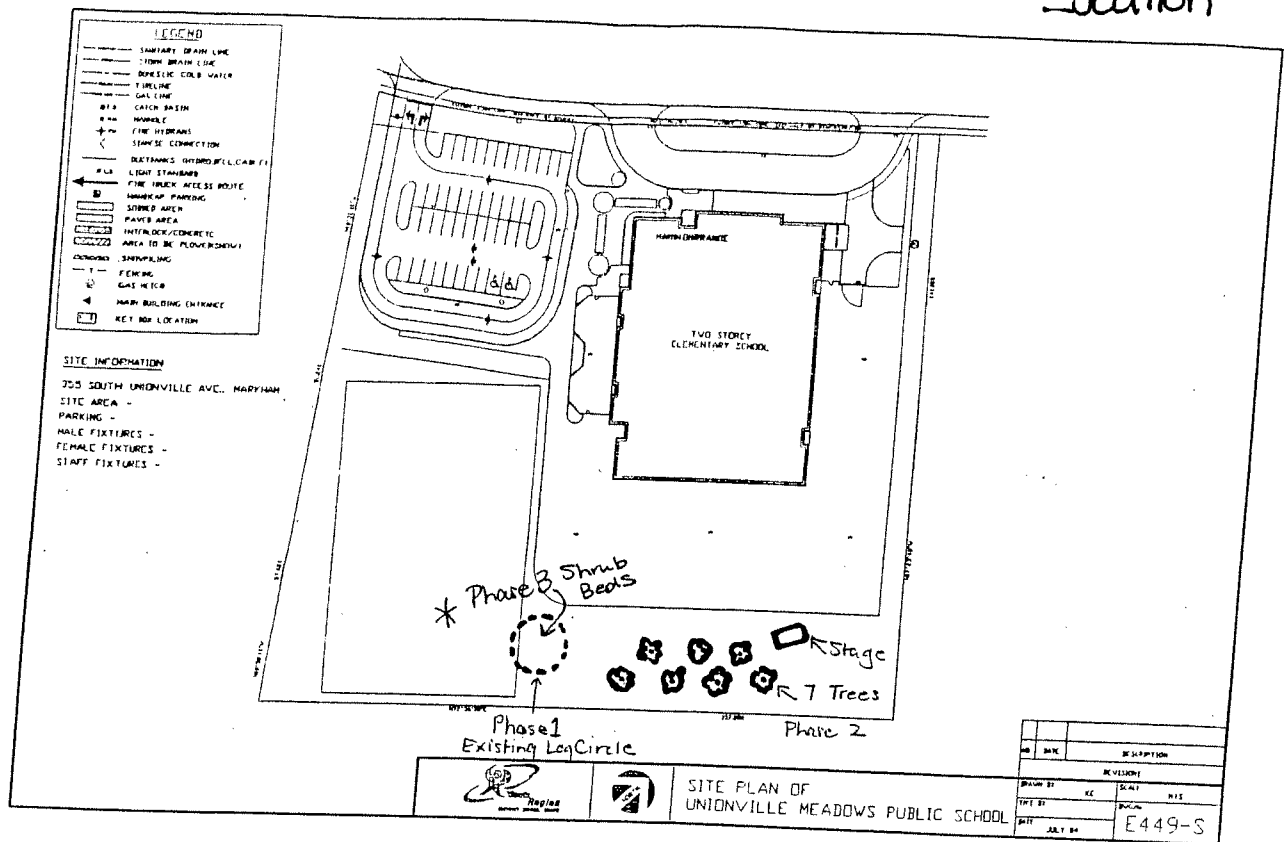
Sincerely,



Mrs. Amanda LeBlanc  
Principal  
Unionville Meadows Public School  
905 - 479 - 4795



location





## Unionville Meadows Public School Schoolyard Restoration Proposal

Jan. 13, 2009

Phases 3 and 4 are outlined on the attached site survey.

### Phase 3

Landscape existing Peace Garden/Outdoor Classroom  
(See the attached professional landscape plan, contractor quote and product description.) Note: Our project continues to be based on a school wide survey conducted when UMPS first opened.


Garden Bed Preparation	\$3,350.00
Plant Material	\$1,100.00
Gardening Equipment	\$ 495.00
Taxes:	\$ 384.00
Total:	\$5,329.00

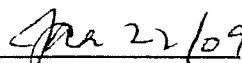
Students, staff and parents will plant with assistance from skilled personnel according to the plan. Parent volunteers and/or alumni students seeking Community Service hours will water the new plant material in the summer months.

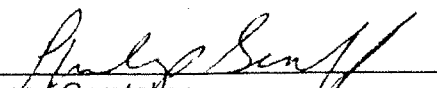
### Phase 4

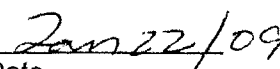
Armour stone seating for the existing amphitheatre, as outlined in the contractor's quote will not be considered at this time. More planning is required before the school will proceed with Phase 4. This is, however, a future direction we would like to consider to make our yard a better resource for staff and students.

*We have reviewed the above Schoolyard Restoration Proposal and agree. We understand that suitable plant material has been reflected in the landscape design and funding for the project will come from a variety of sources which may include: grants, school fund raising projects and donations.  
Thank you for your consideration of our project.*

  
Principal

  
Date

  
Lead Caretaker

  
Date

## School Grounds Enhancement Project Application

	Applicant Information	Advisory Committee Comments
<b>Date of Application</b>	February 2, 2009	
<b>School Location</b>	Unionville Meadows Public School	
<b>School Population</b>	650 (Approx.)	
<b>Contact Person(s)</b>	Amanda LeBlanc (P) or Jeanette McLellan	
<b>Attachments</b>	<input checked="" type="checkbox"/> Site Plan <input checked="" type="checkbox"/> Detail Drawings <input checked="" type="checkbox"/> Inventory List <input checked="" type="checkbox"/> Description / Specifications	
<b>Proposed Timelines of Plan</b>	<b>Phase 3</b> -Planting May/June 2009 (if possible) or May/June 2010 <b>Phase 4</b> -Out door seating at stage 2012(?)	
<b>Description of Proposed Enhancement</b>	Shrub beds to enhance existing Peace Garden/Outdoor classroom	
<b>Rational and Background</b>	Plan is based on school wide survey. Character Ed.& Curriculum related activity	
<b>Proposed Source of Materials</b>	Sheridan Nurseries - Unionville Avante Landscapers - Stouffville	
<b>Proposed Source of Labour</b>	Contractor from community, parent/ staff volunteers, Green Team students /alumni, Master Gardener volunteer	
<b>Proposed Source for Ongoing Maintenance</b>	Green Team, Parent Volunteers & Caretaker support.	
<b>Project Estimate</b>	See attached report.	
<b>Source of Funding</b>	Grants, parent fund raising, student fund raising.	
<b>Prepared by</b>	Professional Landscaper-see report	
<b>Reviewed by</b>	All Caretakers & Principal	
<b>Helpful Hints</b>	Impact on snowplowing	
	Impact on grounds keeping / mowing	
	Impact on traffic	
	Impact on sight lines	
	Impact on potential portable locations	
	Ultimate size, growth rate of trees	
	Call before you dig / locates	
<b><u>Advisory Committee Recommendations:</u></b>		

## Supporting documents

You replied on 19/05/2009 8:09 PM.

YRDSB Approval + Proposal

**Mclellan, Jeanette**

Application

**From:** Selvazzo, Robert  
**To:** Mclellan, Jeanette  
**Cc:** LeBlanc, Amanda; Hastings, Sue  
**Subject:** Unionville Meadows School Grounds greening  
**Attachments:**

**Sent:** Tue 19/05/2009 9:41 AM

Good morning,

Thank you for your application for the school grounds development at Unionville Meadows PS

Overall your submission received positive feedback

Some points that were raised include

- o Ensure all utility locates are complete prior to digging
- o Funding to be allocated for upkeep
- o Planting should be laid out to allow riding mower to be able to access area adjacent tree and plantings , minimize requirement for hand trimming [2metre clearance]
- o Implement a plan for maintenance / watering of the tree over the summer break
- o Ensure plantings are of a nature that do not attract bees or wasps

As outlined in the proposal, the quote for phase 4 was for estimate purposes only, Phase 4 will be formally submitted in the future once finalized.

Per our conversation this morning Jeanette, looks like you have already covered all of the above points

Thank you for such a well done and detailed submission.

Rob Selvazzo

**Manager of Energy and Environmental Services**

York Region District School Board

Plant Services

Tel 905-727-0022 ext. 3558

Fax 905-830-1640

E-Mail [robert.selvazzo@yrdsb.edu.on.ca](mailto:robert.selvazzo@yrdsb.edu.on.ca)



In an effort to be environmentally friendly, please do not print unless required for hard copy record

**CONFIDENTIALITY**

*This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. This content is not to be copied or forwarded without consent of the creator. If you have received this email in error, please notify the sender immediately*

Site Preparation  
Quote



9 Fockler Lane, Stouffville, Ontario L4A 7X5 Tel.: 905-640-8187 Fax: 905-640-1278

---

December 4, 2008

Jeannette McLellan  
Unionville Meadows P.S.  
355 South Unionville Ave.  
Unionville, Ontario

Dear Mrs. McLellan,

The following is a quotation for the landscaping that you requested.

1) Preparation of garden beds around log circle as shown on plan by excavating up to 12" and adding triple mix to be ready to plant. Restoration of existing lawn, if necessary, will be top dressed and seeded only.

Machine:	\$750.00
Soil – 25 yds.:	\$750.00
Disposal – 3 yds:	\$500.00
Labour:	<u>\$1,350.00</u>
	\$3,350.00

2) Provide and install armour stones on the side of a hill to be used as an outdoor theatre. Approx. 10 Armour stones.

\$1,500.00

3) Four yards of mulch should be sufficient to cover these garden beds.

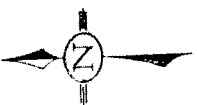
All prices are plus GST.

Please do not hesitate to contact us if you have any questions.

Thank you,

Tony Acciaccaferri  
TA:jn

55



Client: Unionville Meadows Public School		Scale: 1" = 8'
Street: Town: Unionville		
Contact: Jeanette McEllan	Phone # 905-479-4795	Date: Nov. 2008
Designer: Jeannie Nicolobau	Editor:	Plan # Vers. 11



SHERIDAN NURSERIES-UNIONVILLE

4077 HIGHWAY 7

UNIONVILLE, ONTARIO

OR 1L5

TEL: 905-513-7497 FAX: 905-513-1701



**Sheridan  
Nurseries**

Mulch - Plant Material  
Quote

DATE

28/10/09

PAGE

2

ORDER #:

430063

SOLD TO

UNIONVILLE MEADOWS P.S.  
355 SOUTH UNIONVILLE AVE

UNIONVILLE, ON  
A1A1A1

SHIP TO

PEACE GARDEN

905-479-4795

GARDEN CENTRE CUST: 550926

TERMS: NET 30DAYS

HEAD OFFICE CUST:

SALESMAN: SUE M.

REF #:

REQUESTED DATE: 28/10/09

QTY	PRODUCT #	DESCRIPTION	SIZE	UNIT	RETAIL	UNIT PRICE	EXTENSION
		SAMBUCUS CANADENSIS					
5.	80242	GRO-BARK CLASSIC CEDAR MULCH	2 GAL CG	CY		42.00	210.00 PF
	G643306	33-DELIVERY					100.00 PF
		*** Quotation **					

\*\*\*THIS QUOTE IS VALID FOR 30 DAYS\*\*\*

PLEASE CALL TO DETERMINE PRICING AND  
AVAILABILITY AT TIME OF PICK-UP!

57

SUB-TOTAL: 1081.43  
GST: 5 % 54.09  
PST: 8 % 86.51  
TOTAL: 1222.03



# Sheridan Nurseries

1000 W. 10th St. Sheridan, WY 83301  
307.635.1111

www.sheridan-nurseries.com

Page 10

ALL PRICES INCLUDE TAX  
DELIVERY CHARGE \$10

SHRUBS - TADPOLE

100% GUARANTEE

ALL PRICES INCLUDE TAX  
DELIVERY CHARGE \$10  
CASH PAYMENT DISCOUNT 5%  
CREDIT CARD PAYMENT DISCOUNT 3%

QTY	ITEM #	DESCRIPTION	SIZE	UNIT	PRICE	UNIT PRICE	TOTAL PRICE	PP
1	1000000000	RED BUD	1 GAL	EA	11.99	11.99	11.99	
1	1000000000	INDIAN SPICE	1 GAL	EA	11.99	11.99	11.99	
1	1000000000	PERNETAL	1 GAL	EA	11.99	11.99	11.99	
1	1000000000	WILLOW DOGWOOD	1 GAL	EA	11.99	11.99	11.99	
1	1000000000	PINK DRIFTY POTENTILLA	2 GAL CG	EA	17.99	10.25	61.50	
2	1000000000	POTENTILLA SUEP HAZEL BRADY	1 GAL	EA	12.50	12.50	25.00	PP
2	1000000000	VERBENUM DENTATUM	1 GAL	EA	12.50	12.50	25.00	PP
2	1000000000	VERBENUM DENTATUM	1 GAL	EA	12.50	12.50	25.00	PP
1	1000000000	LONGICRA TATAMICA ARNOLD BUD	1 GAL	EA	12.50	12.50	12.50	
1	1000000000	LOWRY GEMMIFERUS (EMERALD)	1 GAL	EA	12.50	12.50	12.50	PP
4	1000000000	AMELANCHIER CANADENSIS	1 GAL	EA	12.50	12.50	50.00	PP
3	1000000000	THUJA OCC SMARAGD (EMERALD)	1 GAL	EA	12.50	12.50	37.50	PP
3	1000000000	DIABLO HENRIETTA	1 GAL	EA	12.50	12.50	37.50	PP
1	1000000000	PHYSOCARPUS O DIABOLO	1 GAL	EA	12.50	12.50	12.50	
6	1000000000	PAGODA DOGWOOD	1 GAL	EA	12.50	12.50	75.00	PP
3	1000000000	CORNUS ALTERNIFOLIA	1 GAL	EA	12.50	12.50	37.50	PP
3	1000000000	RED OSIER DOGWOOD	1 GAL	EA	12.50	12.50	37.50	PP
3	1000000000	CORNUS SERICEA	1 GAL	EA	12.50	12.50	37.50	PP
3	1000000000	CHOKE CHERRY	1 GAL	EA	12.50	12.50	37.50	PP
4	1000000000	PRUNUS VIRGINIANA	1 GAL	EA	12.50	12.50	50.00	PP
1	1000000000	RAYBERRY	2 GAL CG	EA	17.99	10.25	61.50	
1	1000000000	MYRICA PENNSYLVANICA	1 GAL	EA	12.50	12.50	12.50	
1	1000000000	DIANE WITCH-HAZEL	1 GAL	EA	12.50	12.50	12.50	
2	1000000000	HAMAMELIS INT DIANE	1 GAL	EA	12.50	12.50	25.00	
2	1000000000	AMERICAN ELDER	2 GAL CG	EA	17.99	9.00	18.00	PP

new back  
emerald cedar } not  
native

## **Here We Grow Again!**

### **An Update from the Schoolyard Restoration Team**

Students, under the direction of Ms. Woo and Mrs. McLellan, are busy researching a field guide book about trees and plants found in the parkland surrounding the pond. This publication has been made possible through an YRDSB Innovation Grant. The field guide will reflect many curriculum expectations and act as a handy resource for staff and students who use the path system as part of their school day. A second part of the guide will include sample lesson plans based on outdoor activities for teachers. The Town of Markham has expressed interest in linking the guide to their website, so residents in the neighbourhood could also access to the information. This would nicely compliment their existing signage.

We are striving to complete phase 4 of the schoolyard plan this spring. We want to provide shelter from the wind and increase the biodiversity of the schoolyard by planting a shrub bed of native plants to complete the Peace Garden / log circle landscape design. (See the display board across from the library for details.) The \$1,000.00 plant material costs will be covered through a Metro Green Apple grant, thanks to Ms. Patel's successful application earlier this year. Currently we are looking to the Town once again, to fund the garden bed preparation costs through a Markham Environmental Sustainability Grant. We will hear from them in a few months. Just in case we are not awarded this grant, *the Schoolyard Restoration Team asks you to consider helping us find a contractor to donate the site preparation work.* (Please contact Mrs. McLellan for details.) We thank Parent Council for approaching the local developer on our behalf but there may be more personal connections unexplored! Thank you for considering this request.

Should we be successful in planting as planned, a Garden Party will be held in June to highlight the total project, complete with a bilingual guest speaker from Sheridan Nurseries!



For Office Use Only - Project No.:

## APPLICATION FORM

## PROJECT MANAGER

Name &amp; Position Victoria McGrath, Director, Sustainability Office

Department Sustainability Office

Phone X 7516

Fax

Email vmcgrath@markham.ca

Website Address www.markham.ca

## PROJECT'S CONTACTS

Name Katie Burns

Name Paul West

Dept. Sustainability Office

Dept. Legacy Organic Garden Organizer

Phone X 5283

Phone 905-471-4293

Email kburns@markham.ca

Email paultwest@rogers.com

## PROJECT SUMMARY

Title Legacy Organic Garden

Location of Project (If applicable) Markham Green Golf Course, Markham, ON

Duration (months, maximum 12 months) 12 months

Request for: Spring Funding ☒ Fall Funding ☐ Either ☐

Start Date of Project March 2010 End Date February 2011

Please describe which of the following objectives your project meets and how:

- ❖ **The project provides demonstrable, widespread and lasting environmental benefits for the community;**

The Legacy Organic Garden is a community led initiative that provides a model for how community members can organize to make an environmental difference. The garden's organizers are already providing demonstrable environmental benefits through compost collection, which diverts materials from the municipal waste stream. Their commitment to organic gardening, companion planting, promotion of pollinators and wildlife and rehabilitating fruit trees onsite offers the potential to have lasting environmental benefits on land that was formerly a golf course. The Sustainability Office will use their experience assisting with the Legacy Organic Garden to develop Community Garden Guidelines, which will help facilitate more new community gardens in Markham.

- ❖ **The project is a leading environmental innovation that can be showcased by the Town of Markham;**

One of the organizers of the Legacy Community Garden, Paul West, is an experienced organic farmer. The methods that will be employed in the garden can serve as a demonstration of methods to grow vegetables organically in Markham.

- ❖ **The project promotes education, understanding and participation in environmental sustainability in the Town of Markham; and;**

This project provides a learning platform for adults and children to learn about organic farming practices and techniques, to practice conservation, recycling and composting, to experience the enjoyment and health benefits from organic vegetables and to build on the established sense of community shared by the neighbours of the garden.

- ❖ **The project supports the Town's environmental policies and strategic plan.**

The project supports the Town's environmental policies and strategic plans including:

- Building Markham's Future Together: Environmental Action Plan 5, which is to develop alternative ideas and strategies that encourage maintaining a healthier community including local food promotion and security and includes new community gardens as a milestone to measure
- Zero waste: The Legacy Organic Community Garden will demonstrate methods to move toward the goal of zero waste, including conservation, reusing materials and composting
- Natural gardening: The Legacy Organic Community Garden will demonstrate organic gardening methods
- The Green Print Community Sustainability Plan: The Legacy Organic Garden will support the goal of "Food Security: Safe, accessible and healthy food for all" and will be a pilot to help the Sustainability Office develop Guidelines for new Community Gardens

Please provide a detailed description of your project in the following space. Please attach additional pages if necessary to fully explain your project. This description should include:

- ❖ Purpose for the project
- ❖ Description of the Project Team
- ❖ What will your project accomplish? (include workplan with timelines)
- ❖ Who will maintain and monitor the project after completion? (please provide contact information)
- ❖ What are the measurable benefits of this Project?
- ❖ How will you promote the MESF fund with this project?
- ❖ Describe other funding sources/in kind support
- ❖ How will the benefits to the environment and your community be maintained after your project has been completed?
- ❖ Will there be an educational sign component. If so, please describe

**Please see page 7 for the description that addresses all of these points.**

Please also provide a cost summary including (please use attached budget forms on pages 4 and 5 to this application to provide details of the costs)

Total Project Cost	<b>2780.00</b>	Amount requested from the MESF	<b>2,500.00</b>
Amount from other sources	<b>280.00</b>	In- Kind support hours	<b>~ 3,600</b>

## BUDGET FORM

[illegible]

### Other Expenses

(e.g. Printing Brochures)	100	0.50	50.00	25.00	25.00
<b>Total</b>			2,780.00	2,500.00	280.00

How did your organization hear about the MESF? (Please check one)

Town Website	_____	Newspaper advertisement	_____	Word of mouth	_____	Other	_____
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Upon completion of this Project please submit your project report, as well as original invoices, photos and records to Manager, Environmental Leadership, Town of Markham, 101 Town Centre Boulevard, Markham, Ontario, L3R 9W3. Telephone 905-415-7502. Fax 905-475-4710. Photos may be posted on the Town's website.

### Response to questions on page 3

#### ❖ Purpose for the project

This project is an organic community garden and provides a sustainable use of land which currently lies dormant. The initial size of the organic vegetable garden will be 50 x 100 feet for growing vegetables, with the expansion possibilities of up to ½ acre. Neglected apple and pear trees already existing on the land will be pruned and maintained and specific flowers will also be planted to encourage beneficial insects, honey bees and birds.

The purpose of the Legacy Organic Garden is:

1. to provide a learning platform for adults and children alike in which all receive an education in the proper practices and techniques with respect to organic gardening as a whole;
2. to promote good conservation and recycling habits;
3. to experience the enjoyment and health benefits derived from vegetables containing high nutritional levels without the detrimental effects of chemical additives; and
4. to have as much FUN as possible in the truest sense of community spirit

Sustainability Office's support of Legacy Organic Garden is in line with the implementation of Building Markham's Future Together Environmental Action Plan. By assisting the Legacy Organic Garden with the process of starting their garden, the Sustainability Office will be able to form the Community Garden Guidelines that are in the process of being developed and that will help facilitate the development of more community gardens in Markham.

#### ❖ Description of the Project Team

Legacy Organic Garden: The garden group is made up of neighbours on Serviceberry Road and Russell Jarvis Drive, which neighbours the garden's location. To date 14 families (approximately 40 people including children) have committed to participate in the community garden. There will be an organizing meeting held by the last week of February to elect a coordinator, treasurer and other roles. Currently, the contacts for the group who are organizing this application are Paul West and David Fernandes.

Markham Green Golf Course: Scott Haynes, Head Professional and Club Manager, and Don Crymble, Course Superintendent, have been supportive partners in this community-based initiative. The garden organizers and the golf club share a strong environmental ethic and a desire for the organic garden to be successful.

Sustainability Office: Victoria McGrath, Director of Sustainability and Katie Burns, Sustainability Coordinator, will provide assistance to the Legacy Organic Garden group to get a licence agreement for use of the land, meet community engagement requirements and address other concerns raised by council and staff. The experience of assisting the Legacy Organic Garden will be important for the development of Community Garden Guidelines that will help facilitate more new community gardens in Markham.

#### ❖ What will your project accomplish? (include workplan with timelines)

During the month of February, the garden organizers are seeking funding, community partners (a nearby Montessori school has already expressed interest in using the garden as part of helping students to engage with nature and food), and holding an organizing meeting to determine roles and responsibilities.

During March, a detailed garden plan will be prepared including the types of vegetables that will be grown, companion planting, boarder plantings that discourage pests (i.e. marigolds) and flowers that will attract pollinators. Seedlings will start being planted indoors starting in March and some varieties of vegetables can start being planted outside starting in April.

The entire garden will be shared between all members of the group. Instead of dividing the land into individual family plots, the plan is to assign individual tasks based on preference and ability which may be applied to the garden as a whole. The children will be tasked in the same manner as the adults and will work and learn alongside the adults in this integrated community venture. This method of shared responsibility enhances the "community" side of a community garden by having everyone work together. Furthermore, this model allows flexibility for individuals, who for whatever reason may temporarily be unable to make it to the garden (i.e. summer vacation, busy week at work).

#### ❖ Who will maintain and monitor the project after completion? (please provide contact information)

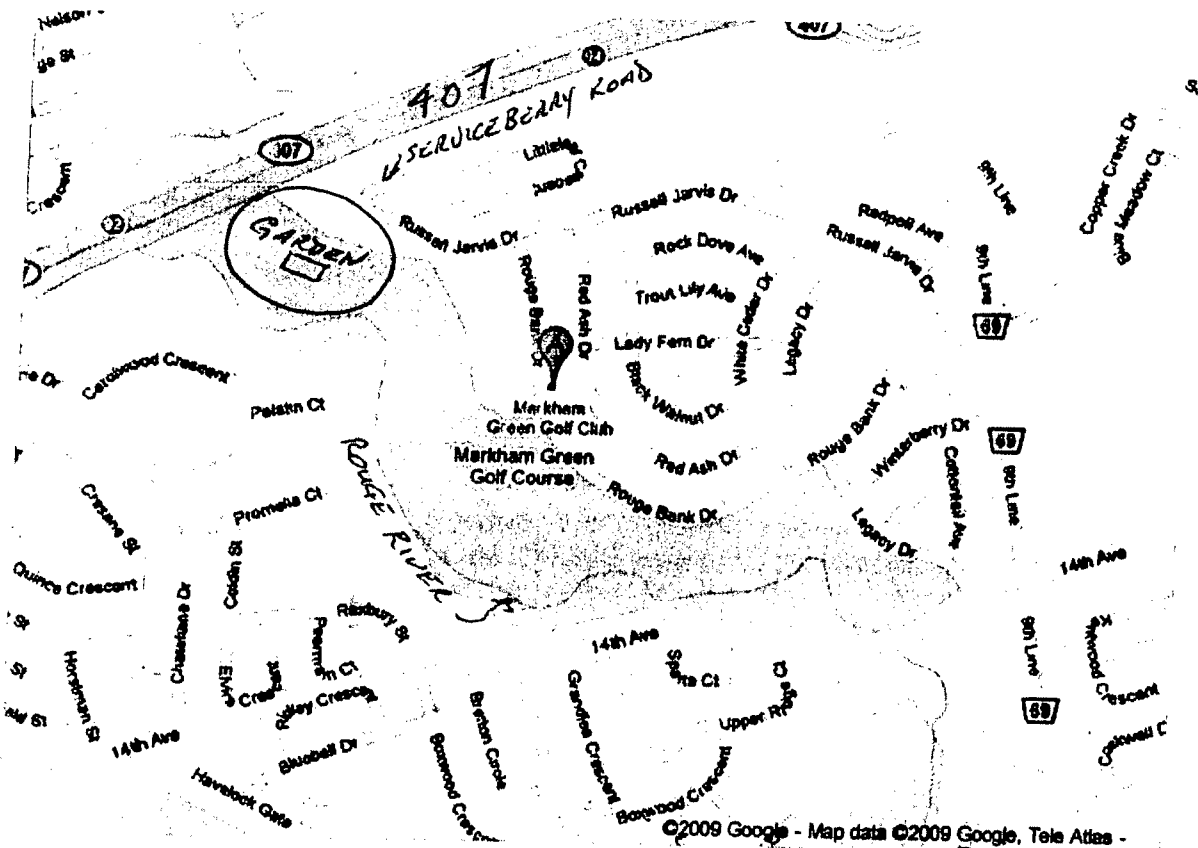
This is a new project but the intent of the group is to develop and maintain this garden for many years to come. The current garden contacts are: Paul West, who is a co-applicant in this application, and David Fernandes. Once a Steering Committee has been formally elected by the group (by the end of February), the names of the Coordinator and Treasurer will be forwarded so that they can be added to this application. Once the initial start-up costs are covered, an organic community garden can be sustained through the collection of membership fees.

#### ❖ What are the measurable benefits of this Project?

The project will:



To see all the details that are visible on the screen, use the "Print" link next to the map.



Enter location or right-click on map

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

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Montreal Transit

