### Environmental Advisory Commission December 4, 2014

5:30pm City Hall Council Chambers





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#### **Basic Motions**

#### Motion

Calls for Action Debatable Simple Majority

Motion to Amend Changes Original Debatable Simple Majority

#### **Other Motions**

#### Table

Postpone Vote No Discussion Simple Majority

Close Debate

End Debate & Vote

No Discussion
2/3 Majority

#### Reconsider

Change Prior Decision
Voted in Majority
Within One Meeting
Debatable
2/3 Majority

#### Recess

Take a Short Break No Discussion Simple Majority

Consensus Process
If 1-Vote Majority
Debatable
3 Votes to Pass

#### Adjourn

End the Meeting No Discussion Simple Majority

Actions and discussion are governed by motions. Only 3 motions on the table at once (a 4<sup>th</sup> would be out of order). Most recent motion is considered first.

#### ☐ Convene meeting + Reminder: Turn off Cell Phone

I. Roll Call/Quorum \_\_\_\_\_ Board Members (quorum = 4)

- II. Pledge of Allegiance
- III. Additions/Deletions/Approval of Agenda
- IV. Approval of November 6, 2014 Minutes (Attachment A)
- V. Announcements

#### **VI. Public Comment Period**

Public Comment Period is a period reserved for comments by the public. A total of 30 minutes is allocated with each individual being allowed no more than 3 minutes each. The Public Comment Period will be closed once the allocated time has been reached.

#### VII. New Business

- a. January Meeting Discussion (5 mins) Scott Anderson
- b. Pitt County Recycling Initiatives (15 mins) John Demary
- c. Commission Reports (20 mins)
  - 1. Public Transportation & Parking (Kane)
  - 2. Planning & Zoning (Burney)
  - 3. Neighborhood Advisory (Ames)
  - 4. Community Appearance (Behm)
- d. Council Presentation (Attachment B) (15 mins) Scott Anderson
- e. Stormwater Annual Report (10 mins) Lisa Kirby

#### **VIII. Old Business**

- a. Plastic Bags Presentation (Attachment C- Plastics Brochure)
   (15 mins) David Ames
- b. 2015 Goals Finalize (10 mins) Scott Anderson
- b. 2015-2016 EAC Grant Review (10 mins) (Attachment D) Scott Anderson

#### IX. Other - FYI

a. Recycling Report (Attachment E)

#### X. Proposed Agenda Items – January 2014

- a. Elections
- b. 2015 Goals & Objectives Implementation
- c. Draft Calendar
- d. 2014-2015 Grant Update
- e. 2015-2016 Grant Marketing Strategies
- f. No Idling Resolution
- g. Quarterly UST Report
- h. Recycling Report

#### XI. Adjourn

<u>Items for Future Consideration</u>			
	-		
	-		

#### 2014

#### **Board Members**

#### Chair

1. Scott Anderson (Chair)

#### **Commission Members**

- 2. David Ames
- 3. Michael Behm (Vice)
- 4. Owen Burney, Jr.
- 5. Emilie Kane
- 6. David Kimmel
- 7. James (J.C.) Woodley

#### **Ex-officio**

Kevin Mulligan (Public Works)

#### **Staff Liaison**

Lisa Kirby (Public Works)

#### **City Council Liaison**

Marion Blackburn

#### **Environmental Advisory Commission Mission:**

The Environmental Advisory Commission is hereby created for the primary purpose of recommending matters of environmental concern and serve as technical advisory to the City Council.

#### **Environmental Advisory Commission Purpose:**

- Inventory and review, on a continuing basis, the condition of threats to, the environmental resources of the City; and as technical advisors, to report all needs for improvement and corrective actions to the City Council.
- To be advisory to the City Council. The commission will recommend to the City Council matters of city-wide environmental concern and shall serve as technical advisors to the City Council on environmental matters. In addition, it will review Environmental Impact Statements required by the City on major development projects.

# ATTACHMENT A (November 6, 2014 Minutes)

Action: For your review and approval.

## DRAFT OF MINUTES PROPOSED FOR ADOPTION BY THE ENVIRONMENTAL ADVISORY COMMISSION November 6, 2014

#### CALL TO ORDER

Members of the Environmental Advisory Commission met on the above date at 5:30 p.m. in the Council Chambers, City Hall. Mr. Scott Anderson, Chairperson, called the meeting to order and welcomed all those present. The following attended the meeting:

#### 1. ROLL CALL

#### **MEMBERS:**

David AmesScott AndersonMichael BehmOwen Burney, JrEmilie KaneJames Woodley

#### **OTHERS PRESENT:**

James Kenny, Greenville Citizen Lisa Kirby, City of Greenville Amanda Braddy, City of Greenville Amanda Boone, City of Greenville

#### 2. PLEDGE OF ALLEGIANCE

#### 3. ADDITIONS/DELETIONS TO THE AGENDA

New Business Item C2 was tabled to the December 4, 2014 meeting. Dr. Ames made a motion to accept the agenda as amended. The motion was seconded by Mr. Burney and passed unanimously.

#### 4. APPROVAL OF OCTOBER 2, 2014 MINUTES

A motion was made by Mr. Burney to approve the October 2, 2014 minutes as presented. The motion was seconded by Dr. Behm and passed unanimously.

#### 5. ANNOUCEMENTS

There were no announcements.

#### 6. PUBLIC COMMENT PERIOD

There were no public comments.

#### 7. NEW BUSINESS

#### A. FROGGS Update

Mr. Harry Stubbs was present to give an update on FROGGS activities. Mr. Stubbs reported on the following items:

• FROGGS is working to have two additional informational markers installed on the greenway. The first marker would provide information regarding water quality in the Tar River and funding is being sought for this marker. The second marker will provide information regarding native settlements along the Tar River. Funding has been identified for this marker. Mr. Anderson questioned how much funding was required to furnish one sign. Mr. Stubbs responded one sign cost approximately \$2000.00 each.

- A "friend raiser" was held on August 23, 2014 on the greenway to allow citizens the
  opportunity to become familiar and get involved with the FROGGS organization and their
  works along the greenway.
- The "Whoo's on the Greenway" event was held on October 18, 2014. Mr. Chris Horrigan with River Park North led the tour.
- A water fountain has been installed on the greenway near the off-leash dog park. FROGGS is working with the City of Greenville to install an additional fountain near Elm Street Park.
- The annual meeting for FROGGS with fund raising, and a "friend raiser" will be held on February 28, 2015 at Bradford Creek.

#### B. No Idling and GCPP Transportation Plan Discussion

Dr. James Kenny was present to provide information on the No Idling campaign that had been implemented at Wahl-Coates Elementary School approximately 2½ years ago. Dr. Kenny reported the campaign was initiated at the school with information being provided to parents, teachers, and students regarding the affects of idling on the population of the school and community. Dr. Kenny informed the group the program is being reinitiated and students will be passing out information and pledge cards to parents to reduce idling at the school.

Dr. Behm asked Dr. Kenny which schools in Pitt County had no-idling signs. Dr. Kenny reported all schools had the no-idling signs. Dr. Behm then asked how the information should be accepted and utilized by EAC. Dr. Kenny stated he felt EAC should endorse the continuation of the no-idling campaign at schools and further the program to include City of Greenville parks and recreation locations along with uptown revitalization projects.

Dr. Kane commended the work that has been completed and suggested that Pitt County be contacted and invited to participate in the campaign as well. Dr. Kenny stated Pitt County has allowed the no-idling signs to be installed at all schools and has also given instructions to schools regarding policies for bus idling.

Mr. Burney made a motion to support an initiative to install no-idling signs at all parks and recreations facilities within the City and in future uptown revitalization efforts by providing a resolution of support that will be forwarded to City Council. A second was made by Dr. Behm. Dr. Kane volunteered to work on drafting the resolution for EAC's consideration. The motion passed unanimously.

#### **C.** Commission Reports

#### 1. Recreation & Parks Commission (RPC)

Mr. Woodley presented the following items that are being considered by Recreation and Parks Commission:

- Tar River Legacy Plan Will be presented to City Council with funding being an issue. Mr. Woodley recommends EAC to seek representation on the proposed implementation board as well make recommendations for critical habitats and particular species signage and volunteer monitoring sites
- Town Commons' Master Plan RPC prioritized items that should be done with allocated funding of \$150k. Mr. Woodley suggests EAC make recommendations for critical habitats and particular species signage and volunteer monitoring sites

• River Park North – Spring 2015 Environmental Symposium is being proposed for May 2015. Mr. Woodley stated he felt the Spring Symposium would be an opportunity to spotlight the EAC Grant program and also commented that Mr. Horrigan with River Park North questioned the possibility of having someone speak on issues regarding water (such as water quality or conservation). Mr. Anderson commented an exhibit could be set up and previous grant recipient presentation videos could be displayed. Dr. Ames suggested contacting Mr. Horrigan and have him speak with EAC regarding possibilities of partnering together.

River Park North is also working on critical habitat identification with a biodiversity study for future development of park properties; developing informational signage; compost demonstration and classes; as well as seeking funding for hay wagon to transport visitors through the park.

#### 2. Community Appearance

This report was tabled to the December 4, 2014 meeting.

#### 3. Greenville Utilities Commission

Dr. Kimmel forwarded a report on the Greenville Utilities Commission which was given by Dr. Behm. Dr. Kimmel recommended the following "take home messages" for EAC:

- Potential new operations center would be an opportunity for a green building discussion
- Discuss water demand and usage, particularly in light of water sales to other towns. Also, inter-basin exchanges could be an area of discussion
- Compressed Natural Gas facility to be operated by GUC could be an opportunity to lessen environmental impact of such a facility

#### D. 2015 Goals & Objectives

Mr. Anderson began discussion by directing attention to the handout of the 2014 goals. Mr. Anderson asked EAC to determine the upcoming 2015 goals based on goals that have been accomplished and those that could be continued, in addition to adding new goals.

Dr. Behm commented goal number 6 (distribute a plastics brochure) has been completed. Brochures are still available for distribution.

Mr. Anderson commented goal number 5 (incorporate a service learning student from ECU in the pursuit of one 2014 EAC goals) had also been accomplished by utilizing a service learning student to develop educations publications on the City's Energy Saving Performance Contract, a sustainability initiative started several years ago. This goal could be ongoing as other potential projects may be identified.

It was also determined that goal number 2 (deliberate and intentional engagement with Council and other commissions) is currently in progress by having EAC members report on other commission activities; however, this goal could be furthered by having a more active engagement with City Council.

Goal number 1 (identify and deploy five ways in which to engage citizens in environmental sustainability with funding that supports an environmental sustainability project) was addressed with the Environmental Survey that was conducted with Dr. Kimmel and his colleagues. This

report was utilized by EAC to identify possible future goals for EAC. EAC also participated with a booth at Freeboot Friday, provided feedback on the Tar River Study and distributed the plastics brochure. These were examples given as ways of engagement with citizens; however it was determined that funding sources need to be identified to support an environmental sustainability project.

Goal number 8 (develop a culture of measuring and disseminating the results of EAC's efforts) has been accomplished by completion of goals, particularly goal numbers 1 and 6. This goal can also move forward with additional measurable goals as identified. Mr. Woodley asked if EAC would like to put together a strategic plan. This plan would allow current members to identify the direction and accomplishments of the commission and future members the ability to become informed of past efforts. Mr. Woodley volunteered to work on this plan and submit to EAC for approval.

Goal number 4 (seek ways to preserve our "liquid gold" (water)) has been achieved by the EAC Stormwater Grant. This grant has been used by recipients to identify stormwater runoff and identify ways to utilize the runoff; as well as effects of natural elements to the environment.

Mr. Anderson addressed goal number 7 (develop an inventory of the City's Public Works' environmental sustainability accomplishments/achievements) and asked staff if this had been accomplished. Ms. Kirby stated an assessment has been completed but is not Public Works specific. This report will be provided to EAC members via email. Dr. Ames also commented the City's Cool Cities efforts could be identified as a measurable sustainability accomplishment. Dr. Behm asked if information regarding the Cool Cities efforts could be forwarded to members as well.

Mr. Anderson asked if there were any other goals or objectives members would like to see added to the 2015 list. Mr. Woodley stated he would like to have a State of the Environment event that would gather all environmental experts available. Mr. Woodley stated the event could be further addressed in the strategic plan being developed.

#### 8. OLD BUSINESS

#### A. Environmental Survey – Finalize

The final version of the Environmental Survey was presented for approval. Once approved, the report will be added to the City's EAC webpage. It was not determined how the survey would be disseminated with ECU.

Mr. Woodley addressed the possibility of adding a five minute environmental education segment to the EAC agenda and have a topic and speaker identified each month. After further discussion, it was determined this would begin with the February 2015 meeting and Mr. Woodley would contact Mr. Horrigan with River Park North to be the guest speaker for February.

A motion was made by Dr. Behm to approve the Environmental Survey as presented. A second was made by Mr. Woodley and passed unanimously.

#### B. 2015-2016 Grant Discussion

Mr. Anderson stated EAC had previously discussed expanding the grant target audience to include groups other than schools. Dr. Behm commented he felt the target audience could be expanded; however, felt the grant should be directed to the K-12 as a primary focus. Mr. Anderson commented the target audience could be focused on youth organizations and identified Scouts, 4H

clubs, Boys & Girls clubs, etc. Ms. Kirby stated the group selected must be able to enter into a contract with the City and be accountable for funding. Dr. Kane also commented with the lack of other available sources of funding, the 2015-2016 grant should remain focused on stormwater education.

Mr. Woodley asked how the grant would be marketed. Mr. Anderson stated the grant packages from previous years could be updated to highlight previous recipients and their projects. Ms. Kirby informed the group that the marketing needs to begin in January 2015 to allow time for applications to be submitted by March 2015. Ms. Kirby also stated in previous years, staff forwarded information to schools regarding the grant and EAC members would make follow-up visits with the schools to promote the grant as well. Mr. Woodley asked if the package identified examples of stormwater projects that could be addressed by applicants. Mr. Woodley will work on a keyword inventory to provide examples for applicants.

A motion was made by Dr. Ames to promote the 2015-2016 EAC grant to youth organizations with a focus on stormwater. The motion was seconded by Mr. Burney and passed unanimously.

#### 9. OTHER-FYI

A. Recycling Report

#### 10. PROPOSED AGENDA ITEMS

The following items are proposed for the December 4, 2014 meeting:

- A. Council Presentation Draft
- B. Pitt County Recycling Initiatives & City Recycling Information
- C. Plastic Bags Presentation
- D. 2015 Goals & Objectives Finalize
- E. Commission Reports Public Transportation and Parking, Planning & Zoning, Neighborhood Advisory, Community Appearance
- F. Stormwater Annual Report
- G. 2015-2016 EAC Grant Review
- **11. Adjournment** –There being no further business to discuss, Dr. Ames made a motion to adjourn. The motion was seconded by Mr. Woodley and passed unanimously. The meeting adjourned at 7:30pm.

# ATTACHMENT B (Council Presentation)

Action: For your review.



Environmental Advisory Commission Presentation



#### **EAC Members**

- •Scott Anderson Engineer (2014 Chair)
- Michael Behm ECU Professor (2014 Vice-Chair)
- ·David Ames Physician
- •Owen Burney Building Contractor
- •Emilie Kane Retired ECU Faculty
- •David Kimmel ECU Professor
- ·James Woodley Retired Biologist EPA

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#### **Support to EAC**

- ·Marion Blackburn, Council Member
- ·Kevin Mulligan, Director, Public Works
- ·Lisa Kirby, Engineering Staff
- ·Amanda Boone, Engineering Staff
- Amanda Braddy, Administrative Assistant

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#### 2014 EAC Goals

 Identify and deploy five ways in which to engage citizens in environmental sustainability with funding that supports an environmental sustainability project

Environmental Survey by Dr. Kimmel and colleagues; Free Boot Friday booth; need to address funding

2. Increase deliberate and intentional engagement with Council and with other commissions

EAC members report on other Commission activities.

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#### © Greenville

#### 2014 EAC Goals cont'd.

3. Identify and suggest five ways to reduce volume of our waste

Accomplished by

4. Seek ways to preserve our "liquid gold" (water)

EAC Stormwater Grant

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#### 2014 EAC Goals cont'd.

5. Incorporate service learning students from ECU in the pursuit of one 2014 EAC goals

Accomplished by utilizing a learning student to develop educational publications and the City's Energy Savings Performance Contract.

6. Distribute a plastics brochure

Accomplished by distributing brochures developed by the Commission.

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#### 2014 EAC Goals cont'd.

7. Develop an inventory of the City's Public Works' environmental sustainability accomplishments and/or achievements

An assessment has been completed by the City but no specific to Public Works. Cool Cities initiative measurable goal

8. Develop a culture of measuring and disseminating the results of EAC's efforts

Accomplished within Goal 1 and 6. Strategic plan being developed to further accomplish

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#### **2015 EAC Priorities**

•Promote and expand the EAC grant program (advertising and seeking new funding sources)

•2012-2013 Grant Recipient - Wahl-Coates 4-H Group

•2013-2014 Grant Recipient – J.H. Rose High School

•2014-2015 Grant Recipient – Ridgewood Elementary School

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### 1.12.15 **City Council Meeting**

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# ATTACHMENT C (Plastic Brochure)

Action: For your review.

#### What can I do?

Did you know 2.5 million plastic bottles are thrown away every hour? We have clean, safe tap water so why not **drink it**? There's no need to buy all those plastic bottles of water.

Avoid plastic bags!
Americans throw away
100 billion plastic bags
a year. Only about 1% are
recycled. Use your own
cloth bags. Plastic bags
harm wildlife and destroy
our streams, rivers, oceans
and shores.

Choose **organic** eggs in cardboard containers.

Use **ceramic** storage containers, plates and bowls. Use real tableware and glass. Your meals will taste better – and your health will be better, too!





#### For additional information:

www.ecvcinc.com/contactus.php www.epa.gov www.cleanair.org www.saynotoplastics.com www.onemoregeneration.org

#### **Brochure created by**

the Environmental Advisory
Commission
City of Greenville, North Carolina
Nick Rowlett, Designer

Plastic serves many uses, but it can be harmful to health and to the environment. Here are some guidelines for a healthier approach to plastic.



#### Good

Plastic has many uses. In medicine, it saves lives and reduces infections. It allows us to make products like cars more affordable and durable.

#### **Not So Good**

Plastic spreads (or leaches)
chemicals into our food,
drink and bodies. Some
are known poisons.
In the body they can
upset the way our
hormones work.
Plastic litters our
landscapes and
kills wildlife. Plastic
bags harm streams,
waterways and the ocean.

#### Why?

Some chemicals used in plastics have known dangers, such as phthlalates and bisphenol-A. Other plastics have harmful human and animal health effects. In the ocean, plastics fill the bellies of marine life, causing them a slow death.

Did you know plastics take 450

years to decompose?

#### What to avoid

Health experts recommend avoiding plastic food and beverage containers.

## numbers on plastic containers mean?

Recyclable plastic materials used in household containers are typically identified by a symbol

These are the easiest to recycle – try to buy containers with #1 or #2 symbol.





These are not easy to recycle so it's better if you can avoid them. If you do get products with the #3 or #4 symbol then try and re-use them, e.g. re-use your old grocery and bread bags.





Sometime these are accepted for recycling. Check with your local recycling center.



Plastics with these numbers are usually not accepted for recycling and as a result they end up in landfill, adding to the mountains of waste already there. Best to avoid these plastics whenever possible.





When in doubt, contact your local recycling center!
In Greenville, NC contact ECVC at: 252-830-0797 or 252-758-4188

## Plastics are made from valuable resources and pollute our environment.

Most plastics are made from petroleum or oil by-products. These are resources that could be used for a variety of other applications or conserved. Each plastic product made requires a tremendous amount of energy, creates a large amount of waste, and adds a ton of pollutants to the planet.

## Recycling helps but it is best to try and avoid using plastics where possible.

Plastics are not truly recycled (turned back into what they were originally intended for) but instead downcycled (turned into other stuff). As a result, while the plastic is getting a longer life by being recycled, eventually it's still going to end up in that landfill.

### If you must use plastics, here are some things you can do:

Reduce the amount of plastic you use.

Use glass containers for storage, cloth bags for your groceries, use wax paper instead of cling wrap on your food.

Recycle if you do use plastics. Hundreds of plastic bags, bottles and cups are used by each of us each year and less than 10% are recycled. The number of plastic beverage bottles discarded in the US every 5 minutes covers the equivalent of 3 football fields!

**Get informed**. If you have to use plastic try and use only #1 or #2. #1 and #2 are easily recycled items.



Action: For your review.

Thank you for your interest in applying for a City of Greenville Environment Advisory Committee (EAC) Grant.

The 2015-2016 grant cycle supports citizen activity in stormwater management and is open to any youth organization (such as a Parent-Teacher Organization, science club, 4H club, scout troop, etc.) within Greenville city limits. The maximum grant amount is \$2,500.

The aim of the grant is to increase awareness about the need for improved water quality and good stormwater management practices. These practices are critical in maintaining an overall, healthy community environment.

We encourage you to talk to teachers, youth organization leaders, and student groups about developing a stormwater management project and applying for an EAC grant. A Call for Proposal which details the requirements and an application form is attached for your information. Please note the application deadline is March 20, 2015 and must be typed.

Please contact Amanda Braddy at the Greenville Public Works Department at (252) 329-4467 or <a href="mailto:aibraddy@greenvillenc.gov">aibraddy@greenvillenc.gov</a> for an electronic copy of the application form. She will also be able to answer any questions you may have.

We look forward to seeing your application.

Sincerely,

Scott Anderson, PE Chairman Environmental Advisory Committee

## **EAC Grant Program**

Fact Sheet #2

Publication Date: January 2015

#### **DEFINITIONS**

Non-point Source Pollution - Also known as polluted runoff, comes from diffuse or scattered sources in the environment rather than from a defined outlet such as a pipe. As water moves across and through the land it picks up and carries away natural and humanmade pollutants depositing them into lakes, rivers and even underground sources of drinking water.

Impervious Areas -Hard surfaces, like rooftops, roads and parking lots that prevent or slow the absorption of stormwater runoff into the ground.

Stormwater Control Measure (SCM) -

Refers to any stormwater control, best management practice (BMP), or other method used to prevent or reduce the discharge of pollutants.

#### Riparian Buffer -

An area of vegetated land, adjacent to waterways, streams, wetlands, lakes, ponds, and other surface waters for the purpose of minimizing the impacts of point and non-point source pollution.

#### Watershed -

Also known as a drainage basin or catchment area. A topographical area from which all precipitation flows or drains to a single river, river system or other waterbody.

#### Biodiversity -

Wide variety of organisms, from one-celled organisms to large mammals, in the natural environment. Biodiversity decline results in loss of food and increased environmental contamination.

#### **Grant Overview**

The City of Greenville continually strives to serve its citizens and provide programs that will increase the quality of life and livability of our community. Nonpoint source pollution has a significant affect on water quality, property values and the safety of our citizens. In an effort to address these concerns, the Environmental Advisory Commission (EAC) has developed the EAC Grant Program.

When rain falls on natural areas, such as a forest, it is slowed down, filtered by soil and plants, and allowed to soak back into the ground. In contrast, when rain falls on impervious areas rain does not soak

into the ground and stormwater runoff is created. Stormwater runoff picks up pollution such as pet waste, fertilizer, pesticides, motor oil, litter and yard waste on the way to local creeks, streams and waterways. In Greenville, stormwater runoff does not go to a treatment plant. Instead, runoff, and the pollution in it, flows into our creeks and streams, then eventually into the Tar-Pamlico or Neuse River.

This Program will provide an avenue for youth organizations to apply for a grant from the City for projects that will minimize the effects of non-point source pollution. There are many different types of projects



Traditional residential rain gardens allows water to infiltrate into the ground.

you can initiate on your property or throughout your organization. Most projects are structural and prevent water pollution by capturing polluted runoff and treating or detaining it. Other projects may take the form of education, awareness, or good house keeping measures. All of these components are equally important.

#### Administration

There is \$2,500.00 available for a project or projects during the July 1st - June 30th grant cycle. In addition, the grant requires the applicant to match 25% of the grant amount awarded. This can be in the form of volunteer labor, donated materials or equipment, or

may be monetary.

Funds will be disbursed in three installments:

The first 45% will be distributed upon award.

The second 45% will be distributed upon receipt of invoices indicating that 75% of the first disburse-

ment has been spent.

The final 10% will be disbursed upon final submission of the project, financial report and presentation to EAC.

Any maintenance costs associated with the BMP shall be the responsibility of the property owner.

#### **Project Ideas**

- Distribute commercial car washing vouchers to encourage wash water recycling.
- Remove impervious areas and restore to pervious ground cover.
- Install pet waste stations in public use areas.



Pet waste stations keep stormwater from being polluted with fecal material.

- Develop curriculum or educational materials on stormwater quality, quantity and watershed based issues.
- Restore riparian buffer.
- Install stormwater control measure.
- Repair erosion caused by runoff.

• Install rain barrels for water reuse.

Rain barrels or cisterns can store rain water for irrigation or wash water for yehicles.



- Retrofit existing stormwater facilities to improve water quality treatment and/or increase biodiversity.
- Develop stream monitoring program.
- Develop an educational contest and recognition program.
- Install outdoor learning spaces.



Informational boards serve to educate the public.

City of Greenville Public Works Department Environmental Advisory Commission 1500 Beatty Street Greenville, NC 27834

Phone: 252-329-4467 Fax: 252-329-4535

E-mail: ajbraddy@greenvillenc.gov

Electronic versions of the application package are available at www.greenvillenc.gov



#### **Eligibility**

Youth organizations must apply by March 20th for the funds and act as the fiscally responsible party. Youth organizations may apply for multiple grants however these projects will compete against each other for funding. Depending on the size of the projects several grants may be awarded. The following requirements must be met in order for a youth organization to be eligible for consideration:

Potential project locations must be within the **City Limits**. Projects located in county and the extra-

territorial jurisdiction are not eligible under this Program.

The project must be **real and measurable**. The results must be available by the end of the grant cycle.

Increase **public awareness** of the issue. The project must include an awareness component and ensure that as many people as technically feasible are impacted by the results.

Provide opportunities for **public participation**. Ideally the project will involve a partnership between teachers, students and parents.

Demonstrate that the project has improved the quality, reduced the quantity, or created awareness about stormwater runoff. This may be in the form of pictures, calculations, sampling, questionnaires, etc.

Prepare project reporting documentation which includes:

Six-month status report that describes the current status of the project and the next steps anticipated.

Final report and presentation to EAC describing the project and its outcomes.

#### CALL FOR PROPOSALS

Purpose	To increase awareness about the need for improved water quality and	
	good storm water management techniques and their role in maintaining an overall healthy community environment	
	an overall, healthy community environment.	
Total funds available	\$2,500	
Grant ceiling	\$2,500	
Match	Matching goal of 25% of total grant amount awarded. This can be in the form of volunteer time, donation of materials or direct financial contribution.	
Process for grant selection	All submitted projects are reviewed by the City of Greenville Environmental Advisory Commission (EAC). Projects will be ranked according to how well they meet the requirements outlined below. Highest ranking project will be awarded the grant. If two projects are deemed to be equally qualified the EAC reserves the right to split the grant.	
Requirements	Projects must:	
_	1. Be real and measurable	
	Project must be implemented with initial results available by the end of the grant cycle. Examples of project results include: new signage, a report that demonstrates change, presentations to external groups, etc. Research projects may be submitted with the understanding that they contain an implementation component that will be started before the end of the grant.  2. Increase public awareness of the issue Project must include an awareness raising component to ensure the project has as wide ranging an impact as technically feasible. Examples of public awareness can be: creating and distributing a "fact sheet", holding an event where the importance of storm water management is discussed, creating signage to raise awareness on the issue, hosting an informational day, etc.  3. Involve more than one person Ideally the project will involve a partnership between students, teachers and school group.	
	<ul> <li>4. Demonstrate that the project has improved stormwater run-off Some examples are: Before and after pictures documenting the repair of erosion caused by ditches or streams or caused by surface run-off. Calculating the amount of run-off that will be reused or that will infiltrate as a result of the project. Before and after questionnaires indicating a change in knowledge or behavior. Reporting on the habitat of the body of water is a good indication of poor or good water quality. Traditional analytical testing.</li> <li>5. Prepare project reporting documentation which includes: <ul> <li>6-month status report that describes the current status of the project and the next steps anticipated</li> <li>Final report presenting the project and its outcomes</li> </ul> </li> </ul>	

	<ul> <li>Presentation to the EAC and City Council on the project</li> </ul>		
	Applicants must complete and submit the application package (see		
	attached).		
Eligibility	Youth Organizations initiating a project located within Greenville's		
	City Limits are eligible to apply. Projects located in the county or		
	Greenville's Extra-territorial Jurisdiction ARE NOT eligible.		
Grant cycle	July 1, 2015 – May 31, 2016		
Disbursement of funds	Funds will be disbursed in three installments.		
	• The first 45% will be distributed upon the awarding of the grant.		
	• The second 45% will be upon receipt of invoices indicating that 75%		
	of the first disbursement has been spent.		
	• The final 10% will be disbursed upon final submission of project and		
	financial report and presentation to EAC/City Council.		
	The level and timing of disbursements may be altered by the EAC with		
	appropriate justification.		
Submission deadline	March 20, 2015		

#### **Grant Timeline:**

March 20, 2015	April 2, 2015	May 7, 2014	June 4, 2014	July 2015 – May 2016	June 2, 2016
applications	Oruni	announced		implementation	Presentation of project results at city- hosted event

#### **Resources Information:**

For more information about this grant please contact:

**Amanda BRADDY** (<u>ajbraddy@greenvillenc.gov</u>)
Public Works Department - Engineering Division 1500 Beatty Street Greenville, NC 27834 (252) 329-4467

#### APPLICATION PACKAGE

Grant Cycle: 2015-2016

#### APPLICANT FORM

Form must be typed using Time Roman 12 point font. Hand-written applications will not be accepted

Name of Youth Organization	
<b>Submitting Application</b>	
Submitting Application	
Contact Information	
Contact person	
• Address	
Phone number	
- I none number	
г ч	
• Email	
Contact Information of Grant	
Administrator (if different from above)	
Contact person	
1	
• Address	
• Address	
• Phone number	
• Email	
Project Name	
1 Toject I tuine	
<b>Project Description</b> (max. 500 words)	
•	

Rationale for Project (max 250 words)
• Outline why this project should be funded, i.e. what will this project contribute to improving storm water
management in Greenville?
Partners or Groups Involved (max. 250 words)
Describe the group(s) and how they will be involved in the project

Risks and Responses	
• List any possible risks that may hinder	
the successful implementation of the	
project and note how these risks may be	
overcome	
For example:	
Risk: resistance from school group to take on	
new project.	
Response: hold two informational meetings to	
present project; generate one page overview for	
students to take home to parents.	
Implementation Timeline	
• List key dates	

Benchmarks (max. 500 words)
Describe how the effect/impact of the project will be measured
Beserve now the effect impact of the project will be incustred

Post-project	
<ul> <li>Detail any anticipated work that will</li> </ul>	
need to be done once the grant is	
completed e.g. if a wetland is put in	
place, what will be needed to keep this	
functioning over the next 5 years.	
Signature of youth organization	
Authorized Representative	
-	
Date	

#### **BUDGET FORM**

If the line item is not relevant to your proposal simply leave the line blank. Indicate in the *School Group Match* column those areas where the school group will contribute the required 25% in either donations or money.

		School Group	
Budget Items	City of Greenville	Match	Totals
Design			
Budgeted Amount			
In-kind contribution			
Survey			
Budgeted Amount			
In-kind contribution			
Education			
Budgeted Amount			
In-kind contribution			
Construction			
Budgeted Amount			
In-kind contribution			
Plantings			
Budgeted Amount			
In-kind contribution			
Printing			
Budgeted Amount			
In-kind contribution			
Monitoring			
Budgeted Amount			
In-kind contribution			
Land			
Budgeted Amount			
In-kind contribution			
Other (please itemize)			
Budgeted Amount			
In-kind contribution			
Administration			
Budgeted Amount			
In-kind contribution			
Cash Sub-total			
I			
In-kind Sub-total			
Total			

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Application Form is completed signed and dated
 Application Form is completed, signed, and dated.
 Budget Form is completed and attached.
 Provided proof of location of proposing organization's project
Letter of support is attached. (optional)

#### Send complete application packet to:

Ms. Amanda Braddy Public Works Department - Engineering Division 1500 Beatty Street Greenville, NC 27834

**DEADLINE: MARCH 20, 2015** 

# ATTACHMENT E (Recycling Report)

Action: For your information.

