

ATTACHMENT A
to the GRANT AWARD AGREEMENT
between Lexington-Fayette Urban County Government (LFUCG) and
the Board of Education of Fayette County, Kentucky
(Jessie Clark Middle School)

**GRANT PROGRAM: 2012 Stormwater Quality Projects Incentive Grant Program
Class B Education Projects**

- Funded through the LFUCG Water Quality Management Fee
- Administered by the LFUCG Division of Water Quality in the Department of Environmental Quality

PROJECT TEAM AND CONTACT INFORMATION

Grantee Organization: The Board of Education of Fayette County, Kentucky
701 East Main Street
Lexington, KY 40502

Project School: Jessie Clark Middle School
3341 Clays Mill Road
Lexington, KY 40503

**Project Primary Contact
and Project Manager:** Lauren Moorhead – Science Teacher
859-381-3036 x 3309 (phone)
lauren.moorhead@fayette.kyschools.us (email)

Secondary Project Contact: Kaitlyn Mason – Science Teacher
859-381-3036 x 1119 (phone)
kaitlyn.mason@fayette.kyschools.us (email)

Project Team: Tresine Logston – FCPS Energy Conservation Director (617-6472)
Shelby Jett – Rain Garden Specialist (252-8126)
Kara Sayles – Bluegrass Pride
Kelly Breeding – FCPS Operations

PROJECT PLAN ELEMENTS

- 1) ***RAIN GARDEN:*** The school will work in conjunction with a rain garden design/builder to design and construct a rain garden at the school to be utilized by students, staff, parents, and the general public. The Jessie Clark Green Club will be taking the lead on the project with the science faculty.
- 2) ***CURRICULUM AND IMPLEMENTATION:*** The primary educational use of the rain garden will be in grade level science classes. The science curriculum lends itself to be integrated with rain gardens and the rain garden ecology. FCPS has an already published guide that provides teachers with instructional activities involving rain gardens to supplement the curriculum. The curriculum will be used by an estimated 1,000 students and staff.
- 3) ***EDUCATION FOR THE GENERAL PUBLIC:*** Signage will be placed around the rain garden. A guest speaker will give a presentation to parents and community members at Jessie Clark's fall open house also promoting education and rain garden awareness. Public awareness will be promoted through the school's marquis and newsletters.

PROJECT SUCCESS MEASURES

- 1) The rain garden will be built, improving stormwater quality and reducing pollution.
- 2) A partnership will be arranged with Neighbors United for South Elkhorn Creek, creating an additional support structure for maintenance and education.
- 3) 300 students will engage in lessons related to the rain garden through teachers and Bluegrass Pride promoting the educational aspects of the rain garden.
- 4) A guest speaker will give a presentation to parents and community members at Jessie Clark's fall open house also promoting education and rain garden awareness.

PROJECT SUSTAINABILITY

- 1) The project is designed to be sustainable. By pairing the garden with a school, it guarantees a strong connection to education. Teachers will be able to use the garden as an example to promote water quality and rain garden awareness.
- 2) Science teachers will provide the basis of the support. The science department has indicated support for the project and they plan on integrating it in to their curriculum.
- 3) Future funding for maintenance will come through the E=USE program through FCPS. Each year the program funds \$300 for improvements on eco-friendly projects.
- 4) Bluegrass PRIDE and Neighbors United for South Elkhorn Creek will provide support for maintenance and education.

REPORTING REQUIREMENTS

In addition to the reporting requirements outlined in the Grant Award Agreement, the following special items are noted for this project: None.

EQUIPMENT

Any equipment purchased with the Grant shall remain the property of the Organization.

PERMANENT CAPITAL INFRASTRUCTURE

Does not apply to this grant. Attachment B is not required for this Agreement.

PERMANENT FACILITIES/INFRASTRUCTURE

Permitting: The Organization is responsible to ensure all permits and approvals related to their project are obtained prior to the start of construction. Projects that disturb more than 5,000 square feet are required to obtain a Land Disturbance Permit from LFUCG's Division of Engineering. Please contact the appropriate staff:

- Engineering (right-of-way), Dan Kiser – dkiser2@lexingtonky.gov
- Engineering (land disturbance), Chuck Saylor – chucks@lexingtonky.gov
- Sanitary Sewers, Rod Chervus – rchervus@lexingtonky.gov
- Stormwater, Susan Plueger – splueger@lexingtonky.gov

Design Criteria: Unless approval is granted in writing by LFUCG, the rain garden shall meet the following requirements:

- The rain garden shall not be placed within 10 feet (at a minimum) of any building with a basement, nor on top of any existing utility line alignment (e.g. sanitary sewer, storm drain, underground cable, overhead line, etc.), nor in any location deemed unsuitable by the rain garden specialist.
- The rain garden shall be designed to receive runoff from at least one of the downspouts from a building or in an area that receives runoff from impervious areas if at all possible.

Monitoring: The Organization agrees to allow LFUCG staff access to the property to monitor the installed features for compliance with this agreement.

GRANT PERIOD & PROJECT SCHEDULE

The grant period starts on the date of execution by the Mayor and extends for the time period as listed in the Grant Award Agreement. Any time extensions must be approved in writing by the LFUCG Grant Manager. The project schedule shown in Table 1 is preliminary. Proposed changes to the project which alter this schedule significantly shall be discussed with the LFUCG Grant Manager prior to implementation.

TABLE 1. PROJECT SCHEDULE

Activity	Anticipated Date
Notice to Proceed	February 2012
Project Team organization meeting with designer/builder, school and Bluegrass Pride	February 2012
BG PRIDE teaches students session on what's, why's and how's of campus rain garden.	March 2012
Garden construction begins.	March 2012
Garden planting begins	April 2012
Community/School education session by either Shelby Jett or Neighbors United for Elkhorn Creek.	September 2012
Provide LFUCG with Project Final Report	January 2013

PROJECT BUDGET – GRANT ELIGIBLE EXPENSES & ORGANIZATION MATCH

Table 2. lists the Eligible Expenses for this project. Only properly invoiced items shall be reimbursed with grant monies or counted toward the Organization’s match.

Any work performed on this project prior to grant award by Urban County Council and Notice to Proceed from the LFUCG Grant Administrator is not an eligible expense and shall not be reimbursed or counted toward the match with the following exception:

- Due to the critical timing of the school calendar, eligible expenses occurring within 30 days of Notice-to-Proceed will be allowed for inclusion in Request for Grant Reimbursement. The Grantee assumes all risk associated with these expenses.

TABLE 2. BUDGET TABLE: FCPS - JESSIE CLARK MIDDLE SCHOOL

Type of Expense	Participants	Item	Unit Price	Quantity	Funded by Organization	Funded by Grant	Total Expense
Project Element: Design and Construction							
Professional Services	Landscape Architects	Design	\$ 50.00 per hour	12	\$ -	\$ 600.00	\$ 600.00
Materials	Volunteers from School	Rain Garden Supplies (plants, soil, timber, etc.)	\$ 1,200.00 lump sum	1	\$ -	\$ 1,200.00	\$ 1,200.00
Project Element: Education							
Professional Services	Rain Garden Specialist	Speaker for workshop	\$ 50.00 per hour	2	\$ -	\$ 100.00	\$ 100.00
Professional Services	Teacher	Curriculum integration	\$ 25.00 per hour	4	\$ -	\$ 100.00	\$ 100.00
Professional Services	Carpenter	Design of Construction of Signage	\$ 25.00 per hour	10	\$ -	\$ 250.00	\$ 250.00
Supplies	Carpenter	Sign material (Lumber - Oak)	\$ 5.00 board foot	50	\$ -	\$ 250.00	\$ 250.00
TOTAL PROJECT BUDGET:					\$ -	\$ 2,500.00	\$ 2,500.00
					ORGANIZATION SHARE**	GRANT SHARE	
					0.0%	100.0%	

Note: Required organization match of 50% above the first \$2500.00. No match required for this g