

ATTACHMENT A
to the GRANT AWARD AGREEMENT
between Lexington-Fayette Urban County Government (LFUCG) and
FCPS—Tates Creek High School

GRANT PROGRAM: 2018 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 & Public Works

PROJECT TEAM AND CONTACT INFORMATION

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

Project School: Tates Creek High School
111 Centre Parkway
Lexington, KY 40517

Primary Project Contact and Project Manager: Diana Mullins, TCHS Science Teacher/Sustainability Coordinator
859-381-3620 (phone)
diana.mullins@fayette.kyschools.us (email)
Ms. Mullins will organize Project Team meetings, procure materials and supplies, and will facilitate educational outreach.

Secondary Project Contact: Tresine Logsdon, FCPS Sustainability Coordinator
859-619-6472 (phone)
Tresine.Logsdon@fayette.kyschools.us (email)

Project Team Members: Russ Turpin, Senior Environmental Specialist/ISA Certified Arborist
Mr. Turpin will serve as primary consultant for the design and implementation of the rain garden and also help connect to the community.

Collaborating Organization: Bluegrass Greensource.

TARGET AUDIENCE

- 1) ***Education Facilities:*** Includes approximately 3,100 students and 80 teachers from Tates Creek High, Middle and Elementary Schools. (1800 TCHS and 1300 from TCMS/TCES collectively.) Will serve as a launching point to incorporate more environmental issues and awareness into their curriculum. The rain garden will also function to provide numerous opportunities for various groups and programs of Tates Creek High School, such as :International Baccalaureate program; Freshman Academy; Green Team, and CTE classes
- 2) ***Community Residents:*** Goal of after-school student-led tours of the rain garden explaining its benefits and distributing information on how to create their own rain gardens.

PROJECT PLAN ELEMENTS

- 1) ***RAIN GARDEN:*** The school will work in conjunction with rain garden consultant, Russ Turpin, to plan, design and install a Rain Garden on the Tates Creek High School campus (proposed location shown in Figure 1). The unique atmosphere of having an elementary, middle and high school within the same relative area brings hope the rain garden will be utilized by 1-2 classes weekly (Aug-Nov/April-May) as an instructional tool or as a venue for learning.
- 2) ***CURRICULUM AND IMPLEMENTATION:*** The primary educational use of the rain garden will be for Tates Creek High, Middle and Elementary School students. Environmental curriculum will be created and incorporated into various subject areas within

the schools, Science, being the main concentration. Public awareness projects will also be created by the Tates Creek High School students focusing on benefits of the rain garden installation, including a presentation of their findings/observations/experiences to the LFUCG Division of Water Quality, Stormwater Fees Board and other grantors.

- 3) **EDUCATION FOR THE GENERAL PUBLIC:** Upon completion of the rain garden, the Tates Creek High School students will lead an after-school environmental fair at the location to educate the public. Students will create informational brochures to be taken home with those who attend about how to start their own rain gardens.

PROJECT SUSTAINABILITY

- 1) The rain garden will be utilized as an educational tool for students, teachers, parents, and community members.
- 2) The Tates Creek High School teachers, staff and students will share the responsibility of maintaining the rain garden after the grant period ends.
- 3) Funding required for maintenance and maintaining the rain garden will come from Go Green+ Earn Green funds earned by the schools.

PROJECT SUCCESS MEASURES

- 1) Monitoring functionality and water quality in the rain garden;
- 2) Collect qualitative and quantitative data points on students' improved understanding and awareness of the purpose and value of rain gardens, host environmental education tours of the rain garden and hold an end of project presentation that all grantors are able to attend;
- 3) Calculate the number of teachers and students who have incorporated the rain garden into their curriculum.

REPORTING REQUIREMENTS

In addition to the reporting requirements outlined in the Grant Award Agreement, the following special items are noted for this project:

- 1) Plantings shall be selected from Lexington-Fayette Urban County Government's Rain Garden Manual.
- 2) Organization proposes a larger cost share beyond that required by the grant program. Budget shall reflect the 50.6% cost share offered in the application (Approximately \$2,461.00).
- 3) Both electronic and hard copy of the all materials to be provided to LFUCG, for use, as part of deliverable.
- 4) All attachments to Request for Funds & Project Status Reports shall reference the associated line Table 2 – Eligible Expenses

EQUIPMENT

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

PERMANENT FACILITIES/INFRASTRUCTURE

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	April 2018
Kick-off Meeting with project partners	June 2018
Develop timeline and curriculum for stormwater programs	July 2018
Conduct stormwater programs with students (evaluate concepts, site conditions, collect data, etc.)	September – November 2018
Develop design and construction plans, FCPS approval	January – February 2019
Stormwater feature construction	March 2019
Student planting event	April 2019
Provide LFUCG with Project Final Report.	30 days after project completion

PROJECT BUDGET – GRANT ELIGIBLE EXPENSES & ORGANIZATION COST SHARE

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 cost share.

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 cost share with the following exception:

- None

TABLE 2 - ELIGIBLE PROJECT EXPENSES

ELIGIBLE EXPENSES									
	Type of Expense	Participants	Item	Unit Price	Quantity	Funded by Organization	Funded by Grant	Total Expense	
1	Project Element: Design and Construction								
2	Professional Services	Russ Turpin (EcoGro)	Design	\$ 1,000.00	lump sum	1	\$ -	\$ 1,000.00	
3	Supplies / Materials	Russ Turpin (EcoGro)	Rain Garden Supplies (plants, soil, etc.)	\$ 500.00	lump sum	1	\$ -	\$ 500.00	
4	Construction	Russ Turpin (EcoGro)	Rain Garden	\$ 2,500.00	lump sum	1	\$ -	\$ 2,500.00	
5	Donated Professional Services	TCHS Teachers and Students	Planting Event, Outreach	\$ 500.00	lump sum	1	\$ 500.00	\$ -	
6	Garden Interpretive Sign	TCHS Green Team/Diana Mullins	Sign	\$ 400.00	lump sum	1	\$ 400.00	\$ -	
7	Garden Interpretive Sign	TCHS Green Team/Diana Mullins	Sign	\$ 400.00	lump sum	1	\$ -	\$ 400.00	
8	Donated Professional Services	Russ Turpin (EcoGro)	Stakeholder Engagement, Outreach	\$ 231.00	lump sum	1	\$ 231.00	\$ -	
9	Project Element: Education								
10	Professional Services	Diana Mullins	Curriculum Development and Incorporation	\$ 250.00	lump sum	1	\$ 250.00	\$ -	
11	Professional Services	Diana Mullins	Curriculum Development and Incorporation	\$ 500.00	lump sum	1	\$ -	\$ 500.00	
12	Donated Professional Services	Russ Turpin (EcoGro)	Curriculum Development and Incorporation	\$ 330.00	lump sum	1	\$ 330.00	\$ -	
13	Project Element: Grant Management								
14	Professional Services	FCPS	Grant Management and Administration	\$ 750.00	lump sum	1	\$ 750.00	\$ -	
15	TOTAL PROJECT BUDGET:						\$ 2,461.00	\$ 4,900.00	\$ 7,361.00
16							ORGANIZATION SHARE**	GRANT SHARE	
17							50.6%	66.6%	
18									
19	Note: Required organization cost share of 50% above the first \$2500.00. No cost share required for this grant.								

FIGURE 1 – PROJECT AREA (FROM APPLICATION)

