

**ATTACHMENT A**  
**to the GRANT AWARD AGREEMENT**  
**between Lexington-Fayette Urban County Government (LFUCG) and**  
**the Board of Education of Fayette County, Kentucky**  
**(Cassidy Elementary 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:** Cassidy Elementary School  
1125 Tates Creek Road  
Lexington, KY 40502

**Project Primary Contact and Project Manager:** Kelli Helmers  
Cassidy Parent, Green & Healthy Schools Committee Member  
Immediate Past-President PTA  
859-559-3372 (phone)  
khelmers@insightbb.com (email)

**Secondary Project Contact:** Patti Works – Science Teacher  
859-381-3018 (phone)  
patti.works@fayette.kyschools.us (email)

**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 planned rain garden location receives stormwater runoff from the paved parking lot and the dumpster storage area.
  
- 2) ***CURRICULUM AND IMPLEMENTATION:*** The Cassidy science teacher has developed 5<sup>th</sup> grade curriculum elements related to the project. It includes lessons on groundwater, water table, runoff, pollution, and filtration. The curriculum will be used by an estimated 600 students and staff each year.
  
- 3) ***EDUCATION FOR THE GENERAL PUBLIC:*** Interpretive signage will be placed at the rain garden. Parents will be able to view the rain garden during daily student drop off and pick up. Education materials will be available in the school, on the website, and in PTA communications. PTA celebrations that take place in the school parking lots provide a venue to set up an information table at the rain garden during the events. The location of the rain garden will be in proximity to the sidewalk of Hart Road allowing for neighbors and pedestrians to stop, observe the garden, and educate themselves.

## **PROJECT SUCCESS MEASURES**

- 1) The rain garden will be built.
- 2) The number of students who are exposed to the related science curriculum will be recorded.
- 3) The amount of printed materials going home with Cassidy families will be tracked.
- 4) The number of visits to the website will be tracked.
- 5) The number of families that decide to plant their own rain garden will be tracked.

## **PROJECT SUSTAINABILITY**

- 1) The project has a long-term component for ongoing education and involvement beyond the grant end. The sign will be made from durable materials to last well over a decade.
- 2) Parent volunteers are readily available and have a long history of a high degree of parent involvement.
- 3) The PTA will provide fundraising assistance if additional funding is needed for rain garden maintenance and upkeep or to sustain the program.

## **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 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](mailto:dkiser2@lexingtonky.gov)
- Engineering (land disturbance), Chuck Saylor – [chucks@lexingtonky.gov](mailto:chucks@lexingtonky.gov)
- Sanitary Sewers, Rod Chervus – [rchervus@lexingtonky.gov](mailto:rchervus@lexingtonky.gov)
- Stormwater, Susan Plueger – [splueger@lexingtonky.gov](mailto: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 an impervious area such as roadway or parking lot.

**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
Rain Garden committee meeting	February 2012
Hire Professional Landscape Contractor	February 2012
Design and Order Interpretive Signage	March 2012
Begin sending Rain Garden updates in PTA newsletter	March 2012
Recruit Parent Volunteers for maintenance	March 2012
Design and print color brochures	March 2012
Rain Garden Installation	April 2012
Information Table at school wide Fun Day event	May 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 - CASSIDY ELEMENTARY SCHOOL**

Type of Expense	Participants	Item	Unit Price	Quantity	Funded by Organization	Funded by Grant	Total Expense	
<b>Project Element: Garden Design and Installation</b>								
Professional Services	Professional Landscape Company TBD	Design and Installation of Rain Garden	\$ 9.00	per hour	150	\$ -	\$ 1,350.00	
Supplies	Vendor TBD	Native plants for garden	\$ 8.51	per plant	150	\$ -	\$ 1,276.20	
Supplies	Plant Nursery TBD	Mulch	\$ 4.00	per bag	15	\$ -	\$ 60.00	
Volunteer Hours	PTA parent volunteers	Weeding and watering as needed after installation (assume 4 hours/week during growing season)	\$ 7.25	per hour	96	\$ 696.00	\$ -	
<b>Project Element: Educational/Community Outreach</b>								
Supplies	Sign Company	18" x 24" Interpretive Sign, Enviroreader	\$ 500.00	per sign	1	\$ -	\$ 500.00	
Supplies	Vendor	Educational Brochures	\$ 1.00	per flyer	150	\$ -	\$ 150.00	
Volunteer Hours	PTA parent volunteers	Designing signage and brochures	\$ 7.25	per hour	20	\$ 145.00	\$ -	
<b>TOTAL PROJECT BUDGET:</b>						<b>\$ 841.00</b>	<b>\$ 3,336.20</b>	<b>\$ 4,177.20</b>
						<b>ORGANIZATION SHARE**</b>	<b>GRANT SHARE</b>	
						<b>50.1%</b>	<b>49.9%</b>	

Note: Class B Education grant requires minimum match of 50% after the first \$2,500.00.