

**ATTACHMENT A**  
**to the GRANT AWARD AGREEMENT**  
**between Lexington-Fayette Urban County Government (LFUCG) and**  
**Gardenside Neighborhood Association, Inc.**

4/23/16  
JTB

**GRANT PROGRAM:** FY2016 Stormwater Quality Projects Incentive Grant Program  
Class A (Neighborhood) Projects

- Funded through the LFUCG Water Quality Management Fee
- Administered by the LFUCG Division of Water Quality (DWQ) in the Department of Environmental Quality and Public Works

**PROJECT TEAM AND CONTACT INFORMATION**

*JTB*

**Organization:**

Gardenside Neighborhood Association, Inc.  
P.O. Box 4065  
Lexington, KY 40504  
KY Organization #: 0287004

**Organization President:**

Susan Spalding  
859-353-1100  
Sespalding964@gmail.com

**Primary Project Contact  
and Project Manager:**

Susan Spalding  
859-353-1100  
sespalding964@gmail.com

**Secondary Project Contact:**

Jannine Baker  
859-218-0778  
Jannine.baker@uky.edu

**Project Site Location(s):**

1835 Yorktown Road

**Property Owners:**

Lexington Fayette Urban County Government

**Consulting Firm Contact:**

EcoGro  
Russ Turpin  
859-797-8174  
russ@ecogro.net

**Project Participants:**

Jannine Baker – Native Plant Specialist  
Russ Turpin – EcoGro  
Dr. Jim Currens – Kentucky Geological Survey  
LFUCG Parks and Recreation – Property Owner  
Charles Chandler – Botanist  
Friends of Wolf Run  
Wolf Run Watershed Watch  
Kentucky Division of Water

**PROJECT PLAN ELEMENTS**

The following project elements are proposed to improve water quality at 1835 Yorktown Road also known as Gardenside Park.

1. Bank Stabilization – Remove invasive species and introduction of native species along Wolf Run Creek at Gardenside Park.
2. Education Marker – Installation of at least one educational sign to explain water flow and the environmental and historical significance of the spring.
3. Dye Tracing – Anticipated 10 samplings to determine the source of the groundwater supplying the spring at Gardenside Park

4. Stream Buffer Restoration – Continuation and expansion of the restoration work accomplished in the FY 2014 and FY 2015 Stormwater Incentive Grants to Friends of Wolf Run including monitoring and removal of invasive plants; care of existing native plants; and installation of new native plants, shrubs and trees.

#### **REPORTING REQUIREMENTS**

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

- a) The Organization shall provide written authorizations for private property access (including LFUCG Parks) to the LFUCG Grant Manager prior to work on any area for which they are required. Work associated with this project shall not begin until Grantee and LFUCG Parks and Recreation provide agreement regarding any work and future maintenance responsibilities in writing. This shall be provided to the LFUCG Grant Manager prior to proceeding with construction.

#### **EQUIPMENT**

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

#### **PERMANENT FACILITIES/INFRASTRUCTURE**

**Permanent Capital Infrastructure:** This grant does not include “Permanent Capital Infrastructure” as defined in the Grant Award Agreement. Attachment B is not required for this Agreement.

**Monitoring:** The Organization agrees to allow LFUCG staff access to the project site to monitor the installed features for compliance with this agreement. Water quality sampling via grab samples or other methods may be employed by LFUCG staff as part of LFUCG’s annual reporting requirement of its Kentucky Pollutant Discharge Elimination System (KPDES) MS4 Phase 1 permit.

#### **CONSTRUCTION ACCESS**

If work is to be performed on private property, the Organization is responsible to obtain written authorization from the affected property owner(s) allowing such access. No permanent feature (including plantings), shall be placed upon private property without prior signed authorization from the owner.

#### **ADDITIONAL GRANT STIPULATIONS**

Design, construction, and plant installation shall meet the following requirements:

- a) The project shall not proceed with field work until written approval to proceed is obtained from the Grant Administrator or Director of Water Quality, because of the potential for conflict with potential future LFUCG Capital Projects.
- b) Any work to be coordinated with personnel in the LFUCG Contacts section is the responsibility of the grantee and shall be done prior to any work being done. The LFUCG contacts listed in this document are listed for informational purposes only and listing does not constitute approval or agreement at this time.
- c) All existing utilities shall be located, contacted, and coordinated with prior to any work being performed if within the project vicinity.
- d) Planting of trees within 10 feet of existing utilities can only be done if written approval by the utility is provided to LFUCG prior to planting.
- e) No trees shall be planted within 10 feet of any sanitary sewer system or storm drainage pipe.
- f) If herbicides are proposed to be used, a plan for appropriate application controls shall be submitted to LFUCG prior to use, and shall be followed during applications.

- g) A letter of support from the applicable LFUCG Division is required prior to performing any work on LFUCG owned properties (i.e. Parks, Greenways (Environmental Services), Flood Buyout Properties (Water Quality), etc.).
- h) Grantee shall verify the need and ensure all permits are received (i.e. FEMA, Army Corp, DOW, etc.) prior to any stream stabilization work, especially work associated with the spring area.

**GRANT PERIOD & PROJECT SCHEDULE**

The grant period starts on the date of execution of the Grant Award Agreement 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 Incentive 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
Approval of Grant Award Agreement	Within 1 week of Notice to Proceed
Meeting of Planning Committee	Within 1 week of Notice to Proceed
Dye Tracing – Groundwater	Summer 2016
Stream Buffer Work	Spring 2016 – Fall 2016
Bank Stabilization	Summer 2016 – Fall 2016
Educational Marker Installation	Spring 2017
Follow up work days on spring and stream buffer	May 2017 – October 2017
Final Report to LFUCG	November 30, 2017

**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 Manager is not an eligible expense and shall not be reimbursed or counted toward the cost share.

Hours worked by participants under the age of 12 shall not be counted toward the cost share.

No work on any item outside of the project scope described herein, or any item to be covered by the contingency budget shall be performed without prior written approval from the LFUCG Grant Manager or Grant Administrator. Failure to do so may result in non-reimbursement for any such items.

Any donated professional service hours not currently listed in the Eligible Expenses shall be valued, at a maximum, at the Median Hourly Wage for the expertise provided – from the U.S. Department of Labor, Bureau of Labor Statistics, State Occupational Employment and Wage Estimates for Kentucky (current website: [www.bls.gov/oes/current/oes\\_ky.htm](http://www.bls.gov/oes/current/oes_ky.htm)).

**TABLE 2 - ELIGIBLE EXPENSES**

Type of Expense	Participants	Item	Unit Price	Quantity	Funded by Organization	Funded by Grant	Total Expense
<b>1 Project Element: Grant Management</b>							
2 Donated Professional Service Hours	Grant Manager	Grant Management	\$ 13.00 per hour	20	\$ 260.00	\$ -	\$ 260.00
<b>3 Project Element: Bank Stabilization</b>							
4 Donated Professional Service Hours	Russ Turpin, Env. Spec., EcoGro	Analysis of needs; training and supervision of volunteers	\$ 75.00 per hour	10	\$ 750.00	\$ -	\$ 750.00
5 Donated Professional Service Hours	Jamaine Baker, Native Plant Spec	Selection, acquisition of plantings; volunteer training, supervision	\$ 25.00 per hour	30	\$ 750.00	\$ -	\$ 750.00
6 Volunteer Hours	GNA Leadership	Volunteer Hours for organizing and advertising event	\$ 7.25 per hour	15	\$ 108.75	\$ -	\$ 108.75
7 Supplies	GNA Leadership	Advertising for event: 1000 half-sheet flyers, black and white	\$ 0.10 per 2 flyers	500	\$ -	\$ 50.00	\$ 50.00
8 Materials	Plant Nursery	Appropriate plantings	\$ 6.00 per planting	300	\$ -	\$ 1,800.00	\$ 1,800.00
9 Materials	Plant Nursery	Mulch	\$ 4.00 per bag	50	\$ -	\$ 200.00	\$ 200.00
10 Materials	quarry	Rock, gravel	\$ 100.00 per load	2	\$ -	\$ 200.00	\$ 200.00
11 Volunteer Hours	GNA Volunteers	Volunteer Hours to assist in bank stabilization (40 x 3)	\$ 7.25 per hour	120	\$ 870.00	\$ -	\$ 870.00
<b>12 Project Element: Educational Marker</b>							
13 Professional Services	Contractor to be determined	Preparation of art work and text for marker	\$ 500.00 lump sum	1	\$ -	\$ 500.00	\$ 500.00
14 Professional Services	Contractor to be determined	Production and installation of marker	\$ 500.00 lump sum	1	\$ -	\$ 500.00	\$ 500.00
<b>15 Project Element: Dye Tracing</b>							
16 Donated Professional Service Hours	Dr. Jim Currens, KY Geological Services	Oversight of monitoring of groundwater supplying spring	\$ 75.00 per hour	10	\$ 750.00	\$ -	\$ 750.00
17 Materials and supplies	Kentucky Geological Survey	Tracers, lab supplies, gas for travel, misc. supplies	\$ 400.00 total cost	1	\$ 400.00	\$ -	\$ 400.00
18 Materials and supplies	GNA	Cuvettes for fluorimeter	\$ 250.00 per case	2	\$ -	\$ 500.00	\$ 500.00
19 Volunteer Hours	UK Graduate Students	Field work - Dye Tracing	\$ 7.25 per hour	80	\$ 580.00	\$ -	\$ 580.00
20 Volunteer Hours	GNA Volunteers	Assisting with sampling groundwater (10 rounds x 3 hrs per round)	\$ 7.25 per hour	30	\$ 217.50	\$ -	\$ 217.50
<b>21 Project Element: Stream Buffer Restoration</b>							
22 Donated Professional Service Hours	Jamaine Baker, Native Plant Spec	Training and supervising volunteers; selecting appropriate additional slants	\$ 25.00 per hour	30	\$ 750.00	\$ -	\$ 750.00
23 Materials and supplies	Plant Nursery	Trees, shrubs, plants	\$ 6.00 per plant	300	\$ -	\$ 1,800.00	\$ 1,800.00
24 Materials and supplies	Plant Nursery	Mulch	\$ 4.00 per bag	100	\$ -	\$ 400.00	\$ 400.00
25 Supplies	GNA Leadership	Advertising for event: 800 half-sheet flyers, black and white	\$ 0.10 per 2 flyers	500	\$ -	\$ 50.00	\$ 50.00
26 Volunteer Hours	GNA Leadership	Volunteer Hours for organizing and advertising event	\$ 7.25 per hour	15	\$ 108.75	\$ -	\$ 108.75
27 Volunteer Hours	GNA Volunteers	Volunteer hours for removing invasives, planting natives, mulching (40 x 3)	\$ 7.25 per hour	120	\$ 870.00	\$ -	\$ 870.00
28		<b>TOTAL PROJECT BUDGET:</b>			<b>\$ 6,415.00</b>	<b>\$ 6,000.00</b>	<b>\$ 12,415.00</b>
29					<b>ORGANIZATION SHARE 51.7%</b>	<b>GRANT SHARE 48.3%</b>	
30					<b>COST SHARE % = 51.67% OK</b>		
31					<b>MUST BE &gt; 20%</b>		
32							

\* Note: Organization share must be 20% of total project costs.

**SUPPLEMENTAL PROJECT ELEMENT INFORMATION**

***Figure 1: Project Location Map and Exhibit from Application***

