

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

- 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**

**Organization:** Residents, Inc. dba The Colony Neighborhood Association  
P.O. Box 8713  
Lexington, KY 40533  
KY Organization #: 0043956

**Organization President:** Carin Lovell  
859-806-5742  
carin@bydesigned.com

**Primary Project Contact and Project Manager:** Sherri Weisenfluh  
859-806-0186  
sherriweisenfluh@gmail.com

**Secondary Project Contact:** Jerry Weisenfluh  
859-233-3317  
jerryw.weis@uky.edu

**Project Site Location(s):** Colony NA Parcel off Colonial Drive (contains Wildcat Chase)  
2512 Versailles Rd – Jeremy and Megan Ford  
2516 Versailles Rd – Marisa Milanesio  
1200 Plymouth Rock Ct – David and Laura Evans

**Property Owners:** See above

**Consulting Firm Contact:** N/A

**Project Participants:** Sherri Weisenfluh, Colony NA Vice President – Project Manager  
Jerry Weisenfluh, Colony NA Treasurer – Grant Management  
Jerry Morse, Colony NA – Communications and newsletter  
Ken Cooke, Friends of Wolf Run – Technical Advisor  
Tony Huston – Master Gardener  
Jane Madden – Landscape Designer

**PROJECT PLANELEMENTS**

The following project elements are proposed to improve water quality by the creation of a stream buffer for Wildcat Chase Stream, tributary to Colonial Drive Tributary and Wolf Run.

1. **Eradication of invasive plant material** - Remove Bush Honeysuckle and other invasive plant species from 400' stretch (about 1 acre) of Wildcat Chase Stream by professional contractor selected through an RFP process. Removed plants will be chipped on-site for use as mulching material.
2. **Planting of native species** – Native tree, shrub, seed and plant varieties will be purchased and installed to establish a riparian buffer approximately 25' wide along the stream. Plant selection and placement to be coordinated by neighborhood volunteers with master gardener and landscaping certifications. Neighborhood property owners will be consulted about the design and placement of the new plants. The selected eradication contractor to be

responsible for planting tree whips. Neighborhood volunteers will be responsible for planting other species and spreading seed.

3. **Water quality sampling** – Neighborhood volunteers to be trained and certified to conduct periodic water quality sampling through the Kentucky River Watershed Watch (KRWV) program. Sampling to be conducted regularly at the furthest downstream site within the subdivision and at the privately-owned storm retention pond at the headwaters of the stream. Time series water quality data will be reviewed to monitor changes in water quality parameters before, during and after the restoration.

4. **Education** – Encourage Colony neighborhood participation in improvements to Wildcat Chase stream buffer to increase involvement of residents in the stream restoration project that began in 2014. Participants will be educated about their contribution to stream pollution and possible solutions. Provide communication at association meetings and through the quarterly newsletter about results from water sampling, participation and education regarding the KRWV program, education on the Keep Lexington Beautiful Commission's Annual Great American Cleanup Program and updates on the stream buffer progress.

5. **Maintenance** – Neighborhood volunteers to be responsible to maintain previous and new work by checking for re-sprouting of invasive plants and nurturing of the new native plant material added to the stream banks. Watering will be provided as needed during dry months. Periodic application of pesticides to be completed by certified neighborhood volunteer in accordance with EPA guidelines.

#### **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 authorization (approval/agreement) to the LFUCG Grant Manager prior to work on any property not owned by the Organization.

#### **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) All existing utilities shall be located, contacted, and coordinated with prior to any work being performed within the project vicinity.
- b) Tree plantings shall be coordinated with existing utilities prior to plantings, and if possible, trees shall not be planted within 10 feet of an existing utility.

- c) 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.

**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**

<b>Activity</b>	<b>Anticipated Date</b>
Approval of Grant Award Agreement and Notice to Proceed (NTP)	January 2016
Colony NA Board meeting to plan project	1 <sup>st</sup> meeting following NTP
Submit RFPs for invasive plant removal	February 2016
Evaluate and select firm for plant removal	March 2016
Solicit volunteers for planting of native materials	March 2016
Water sampling event through KRWW	Three events in 2016
Plant removal by selected contractor	Spring 2016
Planting event and education	May 2016
Maintenance of planting area	Summer 2016
Newsletters to Colony residents on updates and education	Quarterly in 2016
Annual neighborhood picnic – provide project update	September 2016
Fall mulching event	October, November 2016
Final Report to LFUCG (within 30 days of completion)	December 15, 2016

**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)).

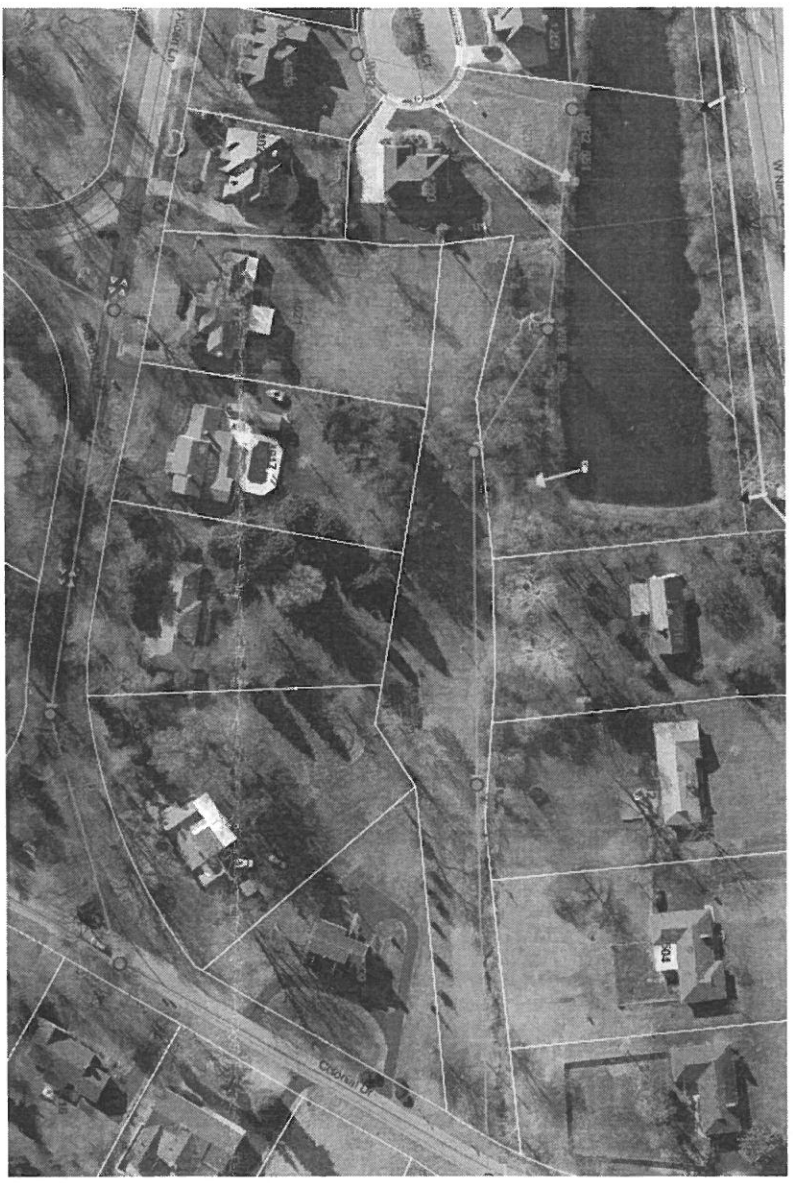
**TABLE 2 - ELIGIBLE EXPENSES**

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	\$ 14.00 per hour	20	\$ 280.00	\$ -	\$ 280.00	
<b>3 Project Element: Stream Cleaning and Tree Planting</b>								
4	Contracted Labor	Contractor chosen by RFP process	\$ 4,000.00 per acre	1	\$ -	\$ 4,000.00	\$ 4,000.00	
5	Contracted Labor	Contractor chosen by RFP process	\$ 2,000.00 per acre	1	\$ -	\$ 2,000.00	\$ 2,000.00	
6	Materials	Native seed and landscape supplies	\$ 500.00 per acre	1	\$ -	\$ 500.00	\$ 500.00	
7	Volunteer Hours	Neighborhood volunteers	\$ 7.25 per hour	36	\$ 261.00	\$ -	\$ 261.00	
8	Professional Volunteer Hours	Master Gardener	\$ 25.00 per hour	10	\$ 250.00	\$ -	\$ 250.00	
9	Professional Volunteer Hours	Professional Geologist	\$ 60.00 per hour	10	\$ 600.00	\$ -	\$ 600.00	
10	Professional Volunteer Hours	Landscaping	\$ 60.00 per hour	10	\$ 600.00	\$ -	\$ 600.00	
11	Volunteer Hours	Stream cleaning	\$ 7.25 per hour	20	\$ 145.00	\$ -	\$ 145.00	
12	Volunteer Hours	Volunteers followup treating invasives	\$ 7.25 per hour	34	\$ 246.50	\$ -	\$ 246.50	
<b>13 Project Element: Educational Seminar</b>								
14	Volunteer Hours	Colony Neighborhood Assoc. Board	\$ 7.25 per hour	20	\$ 145.00	\$ -	\$ 145.00	
15	Supplies	Advertising event: 75 - black & white flyers	\$ 0.10 per flyer	75	\$ -	\$ 7.50	\$ 7.50	
16	Consulting Fees	Friends of Wolf Association Run Advisor	\$ 13.00 per hour	10	\$ 130.00	\$ -	\$ 130.00	
17	Volunteer Hours	Colony newsletter	\$ 7.25 1 per quarter	3	\$ 21.75	\$ -	\$ 21.75	
18					<b>TOTAL PROJECT BUDGET:</b>		\$ 6,507.50	\$ 9,186.75
19					ORGANIZATION SHARE		\$ 2,679.25	
20					GRANT SHARE		\$ 3,828.25	
21					COST SHARE % =		29.16%	
22					MUST BE > 20%		29.2%	

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

**SUPPLEMENTAL PROJECT ELEMENT INFORMATION**

*Figure 1: Project Location Map*



**Figure 2: Riparian Species Recommendations (Native Species)  
-provided by Tim Query, LFUCG – Urban Forester**

**RIPARIAN SPECIES RECOMMENDATIONS  
(Native Species)**

For a viable riparian area to be developed, a no mow zone must be established in order to allow revegetation in the flood plain at a width sufficient to allow filtration of runoff. Zones may vary according to slope, but the recommended minimum distance is 25 feet. All species listed below are native to the Bluegrass Physiographic Region of Kentucky. For more information contact the LFUCG Division of Environmental Services at (859) 438-2800.



**OVERSTORY**

Scientific Name	Common Name	Scientific Name	Common Name
<i>Acer negundo</i>	box elder	<i>Liquidambar styraciflua</i>	sweetgum
<i>Acer saccharum</i>	sugar maple	<i>Prunus serotina</i>	black cherry
<i>Acer saccharinum</i>	silver maple	<i>Platanus occidentalis</i>	American sycamore
<i>Carya cordiformis</i>	bitternut hickory	<i>Quercus bicolor</i>	swamp white oak
<i>Carya laciniosa</i>	shellbark hickory	<i>Quercus macrocarpa</i>	bur oak
<i>Celtis occidentalis</i>	hackberry	<i>Quercus shumardii</i>	Shumard oak
<i>Fraxinus pennsylvanica</i>	white ash	<i>Robinia pseudoacacia</i>	black locust
<i>Fraxinus americana</i>	Kentucky coffeetree	<i>Liriodendron tulipifera</i>	yellow-poplar
<i>Gymnocladus dioica</i>	black walnut	<i>Tilia americana</i>	American elm
<i>Juglans nigra</i>	American basswood	<i>Lionus rubra</i>	slippery elm
<i>Tilia americana</i>		<i>Quercus imbricaria</i>	shingle oak

**INTERMEDIATE CANOPY**

Scientific Name	Common Name	Scientific Name	Common Name
<i>Alnus verticillata</i>	common alder	<i>Cornus obliqua</i>	silky dogwood
<i>Asterina triboha</i>	pawpaw	<i>Cornus drummondii</i>	roughleaf dogwood
<i>Carpinus caroliniana</i>	American hornbeam	<i>Diospyros virginiana</i>	persimmon