

GRANT AWARD AGREEMENT

Fiscal Year 2018 Class A Incentive Grant Program

THIS AGREEMENT, made and entered into on the _____ day of _____, 20____, by and between the **LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT**, an urban county government of the Commonwealth of Kentucky, pursuant to KRS Chapter 67A (hereinafter "Government"), on behalf of its Division of Water Quality, and **LANSLOWNE-MERRICK NEIGHBORHOOD ASSOCIATION, INC.**, 1233 TISHOFF DRIVE, Lexington, KY 40502, (hereinafter "Grantee").

WITNESSETH:

WHEREAS, the Government has funds available through the Stormwater Quality Projects Incentive Grant Program to assist qualified applicants in the implementation of projects that meet the goals of the program; and

WHEREAS, the Grantee represents directly or indirectly a group of single-family residences in Fayette County who are fee-payers of the Government's Water Quality Management Fee; and

WHEREAS, the Grantee has proposed a need for the funds requested to develop and implement a proposed project by submitting a valid grant application; and

WHEREAS, the Grantee desires to implement a specific project that meets one or more Incentive Grant program goals to improve water quality, reduce stormwater runoff, and provide public or private education related to stormwater quality for the benefit of its members, community, and the general public; and

WHEREAS, the Grantee's grant application has been reviewed and selected for funding by the Government's Water Quality Fees Board in accordance with Sections 16-408 and 16-410 of the Government's Code of Ordinances;

THAT FOR AND IN CONSIDERATION OF THE MUTUAL PROMISES AND COVENANTS HEREIN EXPRESSED, GOVERNMENT AND GRANTEE AGREE AS FOLLOWS:

- (1) The Government hereby grants the Grantee the sum of **\$7,800.00** (hereinafter "the Grant"), for use in implementing the project elements as listed in Attachment A which is incorporated herein by reference as if fully set out herein.
- (2) The Grantee agrees to match the Grant with contributions, labor and other services equal to or greater than 20% of the total project cost.
- (3) The Grantee agrees to use the Grant only for the activities set forth in Attachment A.
- (4) The Grantee agrees to perform periodic reporting as detailed in Paragraph 5 herein below, and provide to the Government a Project Final Report, in digital and hard copy, within thirty (30) calendar days of the completion of the project elements following a standardized format to be provided by the Government summarizing all work completed and detailing the total grant expenditures.

- (5) The Grant to the Grantee shall be disbursed in the following manner:
- (a) The Grantee shall submit, at least once every three (3) months, a *Grant Reimbursement Form* and a *Request for Funds*, in standardized format provided by the Government, to the Government's Grant Manager designated by the Director of the Division of Water Quality for the project. The *Request for Funds* shall include documentation that the Grantee has already expended the requested funds or shall be in a position to expend properly the requested funds within thirty (30) days of receipt of the funds. The *Request for Funds* shall include full accounting of all eligible grant-related expenses, as listed in Attachment A. Copies of invoices, purchase orders, or receipts showing vendor, date, amount, and items purchased or ordered shall be provided with the *Request for Funds*.
 - (b) Each *Request for Funds* shall include documentation of all of the Grantee's Match Costs listed in Attachment A and claimed for the prior period. For cash expenditures this shall include receipts, showing vendor paid, date, amount, and items purchased. For volunteer hours this shall include sign-in sheets describing the events with signatures, name, address, time in and time out (or length of event), for each participant (volunteers must be 12 years of age or older). For mileage, this shall include driver name, type of vehicle, location to and from, date, and miles driven.
 - (c) Each *Request for Funds* shall be accompanied by a *Project Status Report*, in a standardized format provided by the Government, describing the progress of the project to date, including a description and schedule of all activities completed, and hardcopy or electronic copies of materials completed and/or used to date. For educational events (if applicable), copies of the class sign-in sheets documenting the number of attendees shall be provided.
 - (d) The Government's Grant Manager shall review each *Request for Funds* and supporting documents for compliance with the terms of this Agreement and the guidelines of the Stormwater Quality Projects Incentive Grant Program. If the Government's Grant Manager finds the Grantee's *Request for Funds* is in compliance with the terms of this Agreement and the Program's guidelines and that the activity progress and management program of the Grantee satisfy the terms of this Agreement, he or she shall approve the *Request for Funds* within 15 days of receipt, and then forward it to the Division of Accounting for payment.
 - (e) Should the Government's Program Administrator determine that the Grantee is not in compliance with the terms of this Agreement and/or the Stormwater Quality Projects Incentive Grant Program, including deficiencies in progress and/or management of the project, the Division of Water Quality shall notify the Mayor's Office and the appropriate district Council person and shall meet with the Grantee on matters that prevent approval of the *Request for Funds*. Failure to resolve any such matters to the satisfaction of the Government may lead to termination of the Agreement for cause pursuant to Paragraph 25 herein below.
 - (f) The Government shall release payment of the final 3% of the Grant only after receipt and acceptance of the Project Final Report. The Government's Grant Manager shall review the Project Final Report and provide comments to the Grantee within 15 calendar days or, if acceptable, forward approval to the Division of Accounting for payment.
- (6) For any project which includes installation of permanent capital infrastructure as listed in Attachment A (not to include individual rain barrels, small rain gardens, and pond equipment), the Grantee agrees to meet all design standards specified in the Government's Engineering Manuals and/or as further described in Attachment A in the design of all Grant-funded improvements. This includes all associated activities including but not limited to erosion and sediment control, traffic control, utility relocations, seeding, etc. The Grantee further agrees to design the facilities in such a way as not to preclude the potential for future water quality/quantity monitoring by the Government.

- (7) For any project which includes installation of permanent capital infrastructure as listed in Attachment A, the Grantee agrees to provide in hard copy and electronic format the following deliverables as they become available, each sealed by a Professional Engineer licensed in the Commonwealth of Kentucky (or Registered Landscape Architect when allowed by Kentucky Revised Statutes 323A.010):
- Design calculations;
 - Final construction plans, including erosion and sediment control plans, traffic control plans, grading plans, etc.;
 - Final specifications and bidding documents (if applicable);
 - Detailed engineer's construction cost estimate including quantities;
 - Inspection, Operation, and Maintenance Plan laying out the plan for regular inspection and maintenance of each proposed facility for design performance and safety in accordance with manufacturer's specifications and the Government's Stormwater Manual.
 - Copies of all federal, state, and local permits, approvals, encroachments, etc. obtained for the project.
 - Record Drawing showing all field changes, and signed and sealed by the professional of record certifying the project as shown meets all original design intent.
 - Photo documentation of site conditions and improvements before, during, and after construction.
- (8) For any project which includes installation of permanent capital infrastructure listed in Attachment A, the Grantee shall provide, by the end of the design phase, certification by a Professional Engineer or Registered Landscape Architect licensed in Kentucky that all stormwater control facilities proposed for this project are feasible and viable Best Management Practices (BMPs) for controlling stormwater quality and/or quantity and are appropriate for the project site.
- (9) The Grantee agrees that any and all stormwater control facilities, including equipment and infrastructure, constructed or purchased with Grant monies shall remain the property of the Grantee, or the current property owner, or his successors and assigns, unless otherwise noted in Attachment A.
- (10) The Grantee agrees that all stormwater control facilities, including equipment and infrastructure shall remain in service and maintained by the Grantee or its representatives for at least the Service Life listed in Attachment A. For capital infrastructure, this shall include following the Inspection, Operation, and Maintenance Plan developed for each facility referenced in Paragraph 7 above. For capital infrastructure, the Grantee further accepts and agrees to enter into the "*Agreement to Maintain Stormwater Control Facilities for Class A Incentive Grant Projects*" attached hereto as Attachment B and which is incorporated herein by reference as if fully set out herein.
- (11) The Grantee agrees, and all individual property owners with grant-funded improvements installed on their properties shall agree, to allow the Government access to perform monitoring of the project elements for compliance with this Agreement.
- (12) The Grantee agrees to comply with all applicable local, state, and federal rules, regulations, ordinances, and laws in implementation of the project.
- (13) The Grantee agrees to obtain all necessary local, state, and federal permits and approvals in a timely manner and prior to the start of any work requiring such permits or approvals.
- (14) The Grantee agrees to obtain written approval from the Government's Grant Manager or Program Administrator for any proposed changes to the Project Team or Project Plan as listed in Attachment A prior to implementing the changes. Failure to gain written approval prior to making changes may lead to termination of the Agreement for cause pursuant to Paragraph 25 herein below.
- (15) The term of this Agreement shall be from the date of this Agreement until completion of the project outlined herein. The Grantee agrees to complete the project within **18** months from the date of this Agreement. The Grantee agrees to obtain written approval from the

Government's Grant Manager or Program Administrator for any time extensions beyond the grant period. Failure to gain written approval prior to making changes may lead to termination of the Agreement for cause pursuant to Paragraph 25 herein below.

- (16) The Grantee understands that the **Grant shown herein in Paragraph 1 is a not-to-exceed amount**, and any additional funding needed to complete the project elements listed in Attachment A is the responsibility of the Grantee. If it becomes apparent to the Grantee or the Government that the Grantee will be unable to complete the project either in the manner or for the amount described in this Agreement, then the Grantee must immediately notify the Government's Grant Manager and Program Administrator by providing a complete and detailed written explanation of its inability to comply with the terms of the Agreement. The Grantee must further provide the Government's Grant Manager and Program Administrator with a complete and detailed written explanation of any proposed changes, and the reasons for those changes.
- (17) The Grantee asserts that it is an incorporated organization registered in active status with the Commonwealth of Kentucky Secretary of State, and is in full compliance with all applicable provisions of the Lexington-Fayette Urban County Government's Code of Ordinances Chapter 5 – Buildings and Building Regulations, Chapter 7 – Finance and Taxation, Chapter 12 – Housing, and Chapter 16 – Sewage, Garbage, Refuse, and Weeds, or in compliance with Kentucky Department of Housings Buildings and Construction rules and requirements as is appropriate for those state institutions, parcels, or buildings which are subject to state regulations and oversight as opposed to local ordinances and regulations. If the Grantee becomes out of compliance with any of these provisions, it will contact the Government's Program Administrator immediately. Failure to resolve any such matters to the satisfaction of the Government may lead to termination of the Agreement for cause pursuant to Paragraph 25 herein below.
- (18) This Agreement may not be modified except by written agreement of the Government and the Grantee.
- (19) In any advertisement of the grant-funded project, whether oral or written communications, the Grantee agrees to identify the Lexington-Fayette Urban County Government as the source of the above referenced funds; the Grantee shall not specifically identify any individual or elected official as being responsible for the funds donated by the Government.
- (20) The Grantee agrees to allow the Government to publicize the Grantee's project through the Government's website and other media.
- (21) The Grantee agrees to reference the Lexington-Fayette Urban County Government's Water Quality Management Fee and the Stormwater Quality Projects Incentive Grant Program as a source of funding for the project on any permanent signage or educational brochures, presentations, websites, etc. produced using grant monies.
- (22) The Grantee is solely responsible for assuring that adequate and appropriate insurance or other necessary coverage is maintained during the term of this Agreement.
- (23) The Grantee shall provide equal opportunity in employment as required by applicable federal, state, and local laws, regulations and ordinances.
- (24) The Government assumes no responsibility whatsoever in the Grantee's project activities. Grantee shall defend, indemnify, and hold harmless the Government from and against any and all liability, claims, damages, losses, actions, costs, expenses, obligations, fines, and assessments of whatever kind, including defense costs and attorney's fees that are in any way incidental to or connected with, or that arise or are alleged to have arisen, directly or indirectly, in whole or in part, from or by Grantee's or its contractor(s), agents, or assigns, negligent acts or misconduct, or errors or omissions, or in any way connected with the activities carried out pursuant to this Agreement, the Grant award or the Stormwater Quality Projects Incentive Grant Program.
- (25) If, through any cause, the Grantee shall fail to fulfill in timely and proper manner its obligations under this Agreement, or if the Grantee shall violate any of the covenants, agree-

ments or stipulations of this Agreement, the Government shall provide the Grantee thirty (30) calendar days to address the deficiency or violation. If the Grantee does not, after the thirty (30) days, come into compliance with this Agreement, the Government shall thereupon have the right to terminate this Agreement by giving written notice to the Grantee of such termination and specifying the effective date thereof, at least five (5) calendar days before the effective date of such termination. In that event, all finished or unfinished documents, receipts and reports prepared by the Grantee shall, at the option of the Government, become its property and the Grantee shall immediately repay to the Government all monies received pursuant to this Agreement less any amount representing just and equitable compensation for the Government's share of any satisfactory work completed pursuant to the Agreement.

(26) The Grantee's sole remedy for a breach of this Agreement by the Government shall be limited to the amount of the Grant.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement at Lexington, Fayette County, Kentucky, this the day and year first above written.

**LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT**

BY: _____

JIM GRAY, MAYOR

ATTEST:

CLERK, URBAN COUNTY COUNCIL

Grantee Organization: LANSDOWNE-MERRICK NEIGHBORHOOD ASSOCIATION, INC.

1233 TISHOFF DRIVE

LEXINGTON, KY 40502

BY: Jamie E Adams

NAME: Jamie E Adams

TITLE: President

The foregoing Agreement was subscribed, sworn to and acknowledged before me by _____, as the duly authorized representative for and on behalf of _____, on this the 2nd day of March, 2018.

My commission expires: 10/26/2020.

Ann Etherton

NOTARY PUBLIC



ATTACHMENT A
to the GRANT AWARD AGREEMENT between LFUCG and
Lansdowne-Merrick Neighborhood Association, Corporation.

GRANT PROGRAM **FY2018 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 in the Department of Environmental Quality

PROJECT TEAM AND CONTACT INFORMATION

Grantee Organization: **Lansdowne-Merrick Neighborhood Association, Corporation.**
1233 Tishoff Drive
Lexington, KY 40502
KY Organization #: 0464891

Organization President **Jamie Adams**
Primary Project Contact: 3109 Lamar Drive
Lexington, KY 40502
859-361-2683 (phone)
adamsjle@gmail.com (email)

Project Manager: **Julian Campbell** – Bluegrass Woodland Restoration Center
859-229-7711
Julian.campbell@twc.com (email)

Secondary Project Contact: **Don Frazier** – Vice President
859-266-6607 (phone)
uk1aa2@aol.com (email)

Project Site Location: Lansdowne-Merrick Park
3190 Montavesta Road
Lexington, KY 40502
Parcel No. 04012570

Property Owners: Lexington-Fayette Urban County Government
200 East Main Street
Lexington, KY 40507

Project Participants: Lynn Winter – Volunteer Coordinator; public events
Charles Sither – Volunteer Coordinator; public events
Ken Cooke (Friends of Wolf Run) – External advice and mentoring
Michelle Kosieniak – LFUCG Contact

Contractor: To Be Determined

PROJECT PLAN ELEMENTS

All improvements shall be located at 3190 Montavesta Road. No other property or Right-of-Way shall be disturbed without the written permission from the property owners and/or LFUCG.

The goal of this project is to improve water quality by initiating ecological restoration in Lansdowne-Merrick Park (i.e., improving the balance between alien and native plantings). Project elements include effectiveness monitoring, the creation of 2 riparian zones, (Phase 1 & 2), a wetland zone, community education, and educational signage.

1) *ELEMENTS:*

- A. Riparian Zone at entrenched area [ca. 1 acre] – Organization to form a working group representing project participants, including LFUCG Parks and Recreation. After details of

methods and design are determined, there will be removal of alien shrubs and trees, though perhaps leaving a few pears and mulberries if they serve a special functional or aesthetic purpose in the short-term. Especially in late summer to fall, then native shrubs and trees will be planted.

Extend the no-mow zone as far up from the stream as is appropriate, and these new plantings will be focused in the no-mow zone. Closer to the stream, especially on low terraces, remove any mats of winter creeper, and sow wild ryes instead. Much of the "no-mow" zone should actually receive occasional future management, in order to reduce reinvasion by aliens and keep the woodland open in general. Moreover, it is anticipated that reengineering of the more entrenched areas may be conducted in future years, so relatively few new trees will be planted close to the stream.

B. Phase Two Riparian Zone [below detention basin] – This phase will be similar to Project Element A. There is much less entrenchment, but there are a few storm drains and artificially rock streambanks. Some of the adjacent house lots come down to the stream and even cross the stream. Thus, a special effort will be made to engage these property owners in the mission and in actual work.

C. Wetland Zone [ca. 1/2 acre upstream of causeway] – Note: line item for honeysuckle removal combined above. This detention basin is available for improvements in the vegetation (after consultation with Bill Warren at Water Quality). No work to be performed on or near the dam itself. Alien shrubs and trees will be removed as above, and some replacements put in around the edges (including a few swamp white oaks). However, the central wettest area to remain open. This artificial open wetland contains a mix of aliens and natives, which will be continued to some extent, as a botanical garden rather than strict restoration site. For example, we will add the native "blue flag" *Iris virginica* as an educational and aesthetic contrast to the alien yellow iris that is already there.

D. Initiate Effectiveness Monitoring for Water Quality – Following advice of Ken Cooke (Friends of Wolf Run) and Malissa McAlister (UK Kentucky Water Resources Research Institute), the organization will seek to add citizen sampling of the stream at this location, as well as an educational field day for families. The work would use volunteers but a cash match has been offered by Lynn Winter if we want to hire a student intern from local school or UK; that person would coordinate, organize data and ensure continuity.

- Effectiveness Monitoring: Continuing water quality checks for field parameters, (Dissolved Oxygen, pH, Temperature and Conductivity) as well as nutrients via field spectrophotometers and pathogens via *E. coli* analysis in cooperation with Microbac Water Quality Lab and Bluegrass Community and Technical College. Malissa writes "It looks like there was a KRWV sampling site (#1032) in the vicinity of the park "downstream of Triple RCBC on Montavesta."
- Effectiveness monitoring in cooperation with Microbac Water Quality Lab, operations of field testing for temperature, Dissolved Oxygen, pH, and Conductivity. Additional effectiveness monitoring conducted in cooperation with Bluegrass Community and Technical College Environmental Science Technology

E. Educational Materials, Seminars and Tours – In addition to regular work days for the community volunteers (on about monthly schedule), the organization will organize at least two major events for the whole neighborhood, in order to tour the park, explain the project and celebrate the park in general. Fliers will be printed for further advertising and explanation. Presentations and further tours will be offered for Neighborhood Association meetings, the Elementary School, UK, and other civic groups with an interest.

REPORTING REQUIREMENTS

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

- 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.

- All attachments to Request for Funds & Project Status Reports shall reference the associated line Table 2. Eligible Expenses

EDUCATIONAL OPPORTUNITIES

In addition to regular work days for the community volunteers (on about monthly schedule), the organization will organize at least two major events for the whole neighborhood, in order to tour the park, explain the project and celebrate the park in general. Fliers will be printed for further advertising and explanation. Presentations and further tours will be offered for Neighborhood Association meetings, the Elementary School, UK, and other civic groups with an interest.

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:

- Grant applicant shall verify the need and ensure all permits are received (i.e. FEMA, Army Corp, DOW, etc.) prior to any stream stabilization, wetland, or riparian work.
- The Riparian Zones/Wetland Zone portion of project shall not begin until Applicant and LFUCG Parks and Recreation provide agreement about the removal of invasive species and plantings, and future maintenance responsibilities in writing.
- Applicant shall obtain written approval/agreement prior to work being done on properties not owned by the applicant.
- The project shall not proceed with field work until written approval to proceed is obtained from the Grant Administrator or Director or Water Quality, because of the potential for conflict with potential future LFUCG Projects.
- Organization proposes a larger cost share beyond that required by the grant program. Budget shall reflect the 36.3% cost share offered in the application (Approximately \$4,400.00).
- Sampling plan shall be constant with Lexington-Fayette Urban County Government (LFUCG) Quality Assurance Project Plan (QAPP) for its watershed focused monitoring program.

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	Dates
Approval grant award agreement and Notice to Proceed (NTP)	NTP (anticipated Spring 2018)
Meetings to plan project: LMNA, contractors, city, UK/school reps.	Monthly after NTP
Alien woody removal (see 1a and 2a above)	Summer2018
Native woody plantings (see 1 band 2b above)	Summer to fall 2018
Native grass and wildflower plantings (see 1c and 2c above)	Summer to fall 2018
Advertise for stream cleaning event and coordinate volunteers	1 month prior to event Hold educational
Hold educational event; combined with final tree plantings	Oct/Nov 2018
Repeat above items for Phase Two in 2019	Spring to fall 2019
Phase Two educational event; combined with final tree plantings	Oct/Nov 2019
Provide project final report to LFUCG	30 days after project completion

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).

TABLE 2 - ELIGIBLE EXPENSES

LANSDOWNE-MERRICK NEIGHBORHOOD ASSOCIATION, CORPORATION - ELIGIBLE EXPENSES								
	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
Project Element: 1. Riparian Zone in more entrenched section [ca. 1 acre] Note: Top line for honeysuckle removal is combined for Wetland Zone 2								
1	Contracted alien plant removal: completing honeysuckle removal	Bluegrass Woodland Restoration Center	Honeysuckle removal in all sections of corridor; and other woody aliens	\$ 1,000.00	per acre	2	\$ -	\$ 2,000.00
2	Installation of exterior shrub zone: focus on roughleaf dogwood	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Collection and planting of native plant material from local sources	\$ 25.00	per plant	20	\$ 500.00	\$ -
3	Installation of exterior shrub zone: focus on roughleaf dogwood	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Collection and planting of native plant material from local sources	\$ 25.00	per plant	20	\$ -	\$ 500.00
4	Installation of interior shade zone: focus on small plantings; with care for 1 year	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Establishment of buckeyes, sugar trees, lynns (basswood), red elms, spicebush, etc.	\$ 10.00	per plant	50	\$ 500.00	\$ -
5	Installation of interior shade zone: focus on small plantings; with care for 1 year	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Establishment of buckeyes, sugar trees, lynns (basswood), red elms, spicebush, etc.	\$ 10.00	per plant	50	\$ -	\$ 500.00
6	Project Element: 2. Phase Two Riparian Zone [below detention basis; see map below and text for details]							
7	Contracted alien plant removal; as above	Bluegrass Woodland Restoration Center	Honeysuckle removal as above	\$ 1,000.00	per acre	2	\$ -	\$ 2,000.00
8	Installation of exterior shrub zone: focus on roughleaf dogwood	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Collection and planting of native plant material from local sources	\$ 25.00	per plant	20	\$ 500.00	\$ -
9	Installation of exterior shrub zone: focus on roughleaf dogwood	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Collection and planting of native plant material from local sources	\$ 25.00	per plant	20	\$ -	\$ 500.00
10	Installation of interior shade zone: focus on small plantings; with care for 1 year	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Establishment of buckeyes, sugar trees, lynns (basswood), red elms, spicebush, etc.	\$ 10.00	per plant	50	\$ 500.00	\$ -
11	Installation of interior shade zone: focus on small plantings; with care for 1 year	Bluegrass Woodland Restoration Center AND VOLUNTEERS	Establishment of buckeyes, sugar trees, lynns (basswood), red elms, spicebush, etc.	\$ 10.00	per plant	50	\$ -	\$ 500.00
12	Project Element: 3. Wetland Zone (ca. 1/2 acre upstream of causeway) Note: line item for honeysuckle removal combined above							
13	Local enhancement of natives and reduction of aliens in grass and herb layer	Bluegrass Woodland Restoration Center	Addition of desirable natives such as swamp milkweed; reduction of fescue	\$ 1,000.00	per acre	0.5	\$ -	\$ 500.00
14	Project Element: 4. Initiate Effectiveness Monitoring for Water Quality							
15	Effectiveness Monitoring	Local volunteers of college or high school students (TBD); possibly paid with cash donation	Monitor 3 stations for nutrients, pathogens and field parameters	\$ 135.00	Per visit Per Site	9	\$ 1,215.00	\$ -
16	Effectiveness Monitoring	Local volunteers of college or high school students (TBD)	Supplies for field kits and laboratory analysis	\$ 800.00	per unit	1	\$ -	\$ 800.00
17								

18 Project Element: 5. Educational Materials, Seminars and Tours:										
19	Volunteer hours	Project personnel & Lansdowne-Merrick neighborhood assoc.	Volunteer Hours for organizing and advertising 2 events	\$ 7.50	per hour	20	\$ 150.00	\$ -	\$ 150.00	
20	Volunteer hours	Ken Cooke (Friends of Wolf Run)	Administrative assistance, mentoring	\$ 15.00	per hour	5	\$ 75.00	\$ -	\$ 75.00	
21	Supplies	Project personnel & Lansdowne-Merrick neighborhood assoc.	Advertising for two events; 500 single page flyers in color	\$ 0.50	per flyer	500	\$ -	\$ 250.00	\$ 250.00	
22	Supplies	Project personnel & Lansdowne-Merrick neighborhood assoc.	Signage for selected features on site; focus on distinct riparian and wetland features	\$ 50.00	per sign	5	\$ -	\$ 250.00	\$ 250.00	
23	Regular annual tours and extra meetings for developing the site into a Riparian Arboretum	All potential partners (but especially Lynn Winter and neighborhood association)	Outlet protection	\$ 500.00	ea.	2	\$ 1,000.00	\$ -	\$ 1,000.00	
24	TOTAL PROJECT BUDGET:							\$ 4,440.00	\$ 7,800.00	\$ 12,240.00
25								ORGANIZATION	GRANT	
26								SHARE	SHARE	
27								36.3%	63.7%	
28										
29	* Note: Organization share must be 20% of total project costs.									

*COST SHARE % = $\frac{36.27}{\%}$ OK

SUPPLEMENTAL PROJECT ELEMENT INFORMATION

Figure 1: Project Site Map – Phase one (from Application)



Figure 2: Project Site Map – Phase two (from Application)

