

GRANT AWARD AGREEMENT

Fiscal Year 2025 Class A Incentive Grant Program

THIS AGREEMENT, made and entered into on the 26 day of Feb, 2025, 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 **FRIENDS OF WOLF RUN, INC., 639 CARDINAL LANE, LEXINGTON, KENTUCKY 40503**, (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 **\$46,435.00** (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. Each *Request for Funds* shall include a minimum of 10% cost share. 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 10% 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 and Property Owner agree 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 and Property Owner agree that all stormwater control facilities, including equipment and infrastructure shall remain in service and maintained by the Grantee or its representatives and the Property Owner for at least the Service Life listed in the Inspection, Operation, and Maintenance Plan developed for each facility referenced in Paragraph (7) above. For capital infrastructure, the Grantee and Property Owner further accepts and agrees to enter into the "*Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Class A Stormwater Quality Projects Incentive Grant*" 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 24 months from the date of this Agreement. The Grantee agrees to obtain written approval from the Government's Grant Manager and 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 and Property Owner 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 Property Owner's 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 or Property Owner shall fail to fulfill in timely and proper manner its obligations under this Agreement, or if the Grantee or Property Owner shall violate any of the covenants, agreements, or stipulations of this Agreement, the

Government shall provide the Grantee thirty (30) calendar days to address the deficiency or violation. If the Grantee or Property Owner 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; provided, however, that for any project involving the construction of capital infrastructure, other than feasibility only projects, the Government's share of any satisfactory work completed shall not include feasibility or design costs.

(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: Linda Gorton
LINDA GORTON, MAYOR

ATTEST: [Signature]
CLERK, URBAN COUNTY COUNCIL

Grantee Organization: FRIENDS OF WOLF RUN, INC.
639 CARDINAL LANE
LEXINGTON, KENTUCKY 40503
BY: [Signature]
NAME: Kenneth B. COOKE
TITLE: Treasurer

The foregoing Agreement was subscribed, sworn to and acknowledged before me by Kenneth B. COOKE, as the duly authorized representative for and on behalf of Friends of Wolf Run, on this the 26th day of December, 2024.
My commission expires: May 8, 2025.
Rebecca D. Trowbridge
NOTARY PUBLIC



ATTACHMENT A
to the GRANT AWARD AGREEMENT
between Lexington-Fayette Urban County Government (LFUCG) and
Friends of Wolf Run, Inc. (FOWR)

GRANT PROGRAM

2025 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 & Public Works

PROJECT TEAM AND CONTACT INFORMATION

Grantee Organization: Friends of Wolf Run, Inc. (FOWR)
639 Cardinal Lane
Lexington, KY 40503
KY Organization #0612068

Organization President: Bruce Hutcheson, President
859-619-2233 (phone)
bhutches54@gmail.com (email)

Primary Project Contact & Project Manager: Ken Cooke, Treasurer
859-940-8234 (phone)
ken.cooke@canewoods.com (email)



Secondary Project Contact: Lisa Collins Ph.D.
859-797-0011 (phone)
friend@wolfrunwater.org (email)

Individual Project Key Stewards (see Project Steward's list)

Project Steering Committee: Dr. Amanda Gumbert, University of Kentucky
Will Overbeck, Plant Ecologist
Jean Watts, Wetland Specialist
Jannine Baker, Native Plant Specialist

PROJECT PLAN ELEMENTS

Friends of Wolf Run Inc. and its partners seek funding to address aquatic life, primary and secondary contact recreational use support in Wolf Run and its tributaries by carrying out a "Stream Buffer Restoration" campaign to restore and expand vegetative stream buffers to provide pollutant filtering, bank stability, water quality conditioning, floatables control and temperature moderation through shading the creek, address invasive alien plant infestations and provide aesthetic and habitat improvements to our neighborhoods. Funds are requested for plant materials, landscaping and support supplies and equipment, service contracts, training and support, printing, GIS Data Collection, signage and communications.

A. Project Objectives: To create and maintain stream buffer demonstration projects, and engage neighborhood leadership in maintaining stream buffers on both public and private property.

- 1) To recruit, train, supply and support volunteer stewardship groups to assist LFUCG and streamside property owners in maintaining vegetative riparian buffers along Wolf Run and its tributaries;
- 2) To educate the public about the value of streamside buffers;
- 3) To invite private property owners to see firsthand measures they can take to improve their stream banks with available, viable and aesthetically pleasing native trees, shrubs and perennial plants;

- 4) To document and monitor the condition of our waterways in a way usable for resource managers.

B. Project Strategy and Work Plan: Ongoing community involvement through steward-planned work activities will identify and recruit volunteers from the neighborhoods adjacent to particular parks, greenways, or other public spaces. This will be accomplished by engaging residents in a progressive level of involvement through the following components.

- 1) ***Conducting stream walks*** along portions of the stream and inviting area residents via e-mail, door-to-door flyers, postcards, and/or neighbor-to-neighbor personal invitations. During stream walks, we discuss water quality, habitat, and streamside buffer issues and management strategies with the residents. We discuss and seek approval for a remediation plan for the stream from those participating.
- 2) ***Planning Trash Cleanup Days***. This event incorporates typically light litter pickups and trash removal.
- 3) ***Attacking Invasive Plants via bushwhacking parties***. Use hand tools to remove bush honeysuckle, garlic mustard, multi-flora rose, and Japanese Knot Weed. These activities involve treating cut shrubs with herbicide in accordance with practices developed by the Invasive Plant Working Group. These activities are to provide neighborhood volunteers with firsthand experience in dealing with invasive plants.
- 4) ***Follow-up Native Plantings*** using volunteers to install perennials, shrubs, and trees according to a planting plan to acquaint neighborhood residents with appropriate plant choices.
- 5) ***Bringing in the "Big Kahuna"***. Once the neighborhood fully understands the process, LFUCG, Friends of Wolf Run, and others can then proceed with full-scale invasive control and native plantings with newfound understanding and support from neighborhood leadership.
- 6) ***Engaging stewardship volunteers*** willing to provide maintenance support for established buffers, controlling invasive, carrying out infill planting, litter control and educational activities for their neighborhoods.
- 7) ***Education and Outreach*** will be done through the distribution of "Living Along Kentucky Streams" and a "Stream Buffer Brochure" produced by the University of Kentucky Cooperative Extension Service at workdays when promoting events, and door-to-door distribution to streamside property owners. Installing educational signage on site.
- 8) ***Effectiveness Monitoring***: Continuing water quality checks for field parameters, (Dissolved Oxygen, pH, Temperature, and Conductivity), soil condition, as well as nutrients, via field spectrophotometers, and pathogens via E. coli analysis in cooperation with LFUCG Town Branch Lab and Bluegrass Community and Technical College.
- 9) ***Clearly marking stream buffer improvement areas*** will be done with fiberglass posts and educational signs.
- 10) ***Documenting areas under management*** through careful mapping and GIS datasets sharable with LFUCG, Commonwealth of Kentucky, and regional research institutions.
- 11) ***Enjoy our waterways by supervised outings and educational stream visits***.

C. Individual Projects, Stewards, and Cooperating Organizations by Project Area: This project incorporates support for nine (9) project sites, planting support and distribution, and overall administration and coordination (eleven 11), as listed below.

- 1) **Preston's Cave Spring Restoration:** Jerry Weisenfluh, Key Steward assisted by Skybax Ecological Restoration and Geomancer Permaculture Contractors.
- 2) **Deauville Drive Greenway:** Jerome Higginbotham, Key Steward JH Technology Trust, Dunbar High School.
- 3) **Pine Meadow Park and Right of Way:** Julie Marfell, Key Steward, Pine Meadows Neighborhood Association Will Overbeck, contractor, Vaughn's Branch and Perennial Spring Restoration and buffer maintenance.

- 4) **Gardenside Park Stream Buffer Maintenance:** Kristine Goggin, Key Steward, Gardenside Neighborhood Association Partners. Infill planting, neighborhood engagement.
- 5) **St. Raphael Tobits Trace Spring Trail:** Laurie Daughtery, Key Steward assisted by Skybox Ecological Services, Contractor
- 6) **Elm Fork Stream Demonstration Project:** Mark Felice Key Steward, adjacent private property owners.
- 7) **Buffer Browser Goat's for Invasive Control:** Paula Singer, Project Manager, Capstone Farms Goat Herds, Team of "Goat Wranglers" with agricultural experience.
- 8) **Wolf Run Park Stream Buffer Project:** Tana Allen, Key Steward, and Artist Michelle Armstrong, Cardinal Valley Elementary.
- 9) **Southland Park Stream/Basin Retrofit Neighborhood Engagement Program:** Jean Watts, Southland Park Neighborhood Association
- 10) **Plant Material Propagation/Distribution:** Jannine Baker, Native Plant Specialist Craig Lock, Key Grip.
- 11) **Administration, finance, grant management, fiend support:** Ken Cooke, Project Manager, FOWR Board, Project Support and Administration. With science advisors, GIS Specialists and key stewards.

DESIGN

No grant-funded activities shall occur until the LFUCG Grant Manager gives Notice to Proceed, in writing, for the start of the project.

Design tasks will include meetings, survey, engineering design, permit submittals to the applicable local, state, and federal agencies, bidding, and construction.

Design shall also account for the following stipulations:

- 1) Submittals for stream permits (401 / 404) shall be completed as early as possible in the design process to inform the Design Engineer of alternatives that can be permitted without triggering state or federal mitigation requirements (if required).
- 2) The Design Engineer shall meet with the LFUCG Grant Manager for at least three meetings during the design phase:
 - i) Prior to the start of design
 - ii) At the completion of approximately 50% design
 - iii) At the 95% completion of the design documents

The Design Engineer shall provide a copy of the preliminary plans, calculations, and specifications (if available) representing 50% and 95% completion. These submittals shall be used to assist LFUCG staff in understanding the project components and allow for feedback to ensure the Government's funds shall be utilized for sustainable and effective infrastructure.

- 3) All existing utilities shall be located and shown on the design plans.
- 4) All existing easements, adjacent property lines, and rights-of-way shall be shown on the design plans. If any work is proposed to occur within any easement (*i.e.*, utility, etc.), whether public or private, the Organization shall obtain all necessary encroachment agreements from the authorized agencies prior to the start of construction.
- 5) Any work proposed within or on public right-of-way, easement, or LFUCG-owned property will require one or more permits or approvals. This includes installation permits for connection into any existing curb inlet or stormwater manhole located within public right-of-way. Please contact the appropriate staff:

Parks and Recreation, Chris Cooperrider – ccooperrider@lexingtonky.gov Environmental Services (greenways), Demetria Mehlhorn – dkimball@lexingtonky.gov Environmental Services (street trees), Heather Wilson – hwilson@lexingtonky.gov Engineering (right-of-way), John Cassel – jcassel@lexingtonky.gov Engineering (new development), Hillard Newman – hnewman@lexingtonky.gov Sanitary Sewers, Chris Dent – cdent@lexingtonky.gov Stormwater, Mark Sanders – msanders@lexingtonky.gov
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- 6) All federal, state, and local permits, approvals, and agreements required for construction of the proposed improvements shall be obtained prior to the start of construction. If the timing of construction is such that a permit may expire before construction can be completed, then the Organization shall coordinate with the LFUCG Grant Manager and permitting agencies on appropriate timing for permit submittals. The Organization is fully responsible to determine which approvals, permits, and encroachments are required for the project.
- 7) Erosion and sediment control and traffic control measures shall be designed to meet all standards and follow guidelines in the LFUCG Engineering Manuals, and shall be shown on the design plans with appropriate notes.

CONSTRUCTION

No construction shall occur until written approval from all affected property owners is provided to the LFUCG Grant Manager.

Facilities shall be constructed per the design plans and specifications. Construction of the proposed facilities shall also meet the following stipulations:

- 1) Construction shall not begin until all permits, approvals, agreements, etc. are obtained and copies provided to the LFUCG Grant Manager.
- 2) All existing utilities shall be contacted, located, and coordinated with prior to any work being performed.
- 3) The Erosion and Sediment Control Plan shall be provided to LFUCG for review and comment. The LFUCG Land Disturbance Permit shall be obtained by the contractor after placement of the ESC and traffic control measures.
- 4) Failure to place acceptable erosion and sediment control measures into service prior to start of construction will result in shut-down of the job site until the measures are put in place. Construction practices shall be put in place to prevent the illicit discharge of sediment, dirt, sand, fluids, trash, and any other pollutant into the Municipal Separate Storm Sewer System or Waters of the Commonwealth.
- 5) The Organization shall host a pre-construction meeting with all parties. The LFUCG Grant Manager shall be invited to this meeting and given three (3) business days notice.
- 6) The Organization is responsible to provide all construction oversight, administration, and daily inspection. LFUCG shall not provide these services.
- 7) The Organization shall document construction by taking before, during, and after photographs.
- 8) Once construction is complete, a final punch-list inspection shall be performed. The LFUCG Grant Manager shall be invited to this inspection and given five (5) business days notice. If punch-list items are identified, a second inspection shall be performed once those items are resolved, and the LFUCG Grant Manager shall be invited to this inspection and given three (3) business days notice.
- 9) The Organization agrees to enter into the *Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Class A Stormwater Quality Projects Incentive Grant* included as Attachment B of the Grant Award Agreement within twenty-one (21) calendar days of the final

(post punch-list) inspection. This Agreement may be recorded by LFUCG at the Fayette County Clerk's office.

REPORTING REQUIREMENTS

- 1) At the completion of the Design Phase, the Organization shall provide the LFUCG Grant Manager three (3) hard copies and one (1) digital copy each of the following six (6) deliverables, each sealed by a professional licensed to perform such work in accordance with Kentucky Revised Statutes (KRS):
 - Set of all final design calculations
 - Set of final construction plans, including erosion and sediment control plans, grading plans, etc.
 - Set of final specifications and bidding documents (if applicable)
 - Final detailed engineer's construction cost estimate including quantities
 - All local, state, or federal permits, approvals, public or private encroachment agreements, etc. received to date for the project
 - 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 LFUCG's Stormwater Manual
- 2) The Organization shall allow LFUCG twenty-one (21) calendar days to review the submittals and provide comments. If revised submittals are required, the Organization shall allow LFUCG ten (10) calendar days for review per submittal. LFUCG may choose to have a third party engineering consultant assist LFUCG in review of these submittals.
- 3) **The design phase shall end when the LFUCG Grant Manager provides written acceptance of the design submittals.**
- 4) If the project is to be competitively bid, the selected contractor's unit price contract / bid list shall be provided to the LFUCG Grant Manager prior to the start of construction.
- 5) If the project is not competitively bid, the selected contractor's unit price contract shall be provided to the LFUCG Grant Manager prior to the start of construction, along with a justification for any derivations from the engineer's construction cost estimate.
- 6) The Organization shall submit copies of all required local, state, or federal permits, approvals, public or private encroachment agreements, etc. to the LFUCG Grant Manager prior to the start of construction.
- 7) Copies of written approval / agreement from affected property owners shall be provided to the LFUCG Grant Manager prior to proceeding with construction.
- 8) **The construction phase shall begin only after the LFUCG Grant Manager gives Notice to Proceed, in writing, for the start of the construction phase of the project.**
- 9) If, during construction, the contractor requests a deviation or addition to the quantities or costs in the construction contract, the LFUCG Grant Manager shall be notified within two (2) business days. Additions or modifications to the project that are not directly related to the intended and correct function of the stormwater control project elements as described in the Project Plan Elements listed above and in the original incentive grant application are not eligible for Grant reimbursement. Therefore, the Organization is advised that it should coordinate closely with the LFUCG Grant Manager during construction to ensure the work being performed is in compliance with this Agreement. Note that per the Grant Award Agreement all overruns that result in the project costs exceeding the Grant amount are the responsibility of the Organization.
- 10) After construction is completed, the Project Final Report shall include copies of the following:
 - Summary of final construction costs and quantities
 - Copies of all federal, state, and local permits obtained for the project (if not previously provided)
 - 3 copies of a 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

- Copies of final inspection minutes, punch-lists, etc.
- Photo documentation of site conditions and improvements before, during, and after construction
- Signed *Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Class A Stormwater Quality Projects Incentive Grant* (Note: This form will be completed after construction is completed and final costs determined.)

11) LFUCG shall make final payment of the 10% retainer after acceptance of the Project Final Report.

PERMANENT FACILITIES / INFRASTRUCTURE

1. **Permanent Capital Infrastructure:** This grant does include Permanent Capital Infrastructure for purposes of the Grant Award Agreement.
2. **Ownership:** The proposed permanent facilities are expected to reside on private property in Fayette County and be owned by the property owners.
3. **Future Inspection and Maintenance:** The Organization (and / or Property Owner) agrees to sign and abide by the terms of the *Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Class A Stormwater Quality Projects Incentive Grant* included as Attachment B to the Grant Award Agreement. At the end of construction, the Organization may choose to: a) enter into the Agreement with LFUCG and assume responsibility for maintenance, or b) enter into the Agreement with LFUCG for responsibility to ensure maintenance and enter into a second private agreement with the property owners to perform the future maintenance.
4. **Monitoring by LFUCG:** The Organization agrees to allow LFUCG staff future access to any property on which work is performed to monitor the installed features for compliance with this Agreement following the grant period. After the grant period has ended, the Organization agrees to allow LFUCG access for monitoring per the terms of the Maintenance Agreement. Water quality sampling via grab samples or other methods may be employed by LFUCG staff as part of its Kentucky Pollutant Discharge Elimination System (KPDES) MS4 Phase 1 Permit.

SITE / CONSTRUCTION ACCESS

If work is to be performed on private property (including LFUCG-owned), 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. The written authorization(s) shall be provided to the LFUCG Grant Manager prior to work commencing.

ADDITIONAL GRANT STIPULATIONS

1. Tree plantings shall be coordinated with existing utilities prior to plantings, and if possible, trees shall not be planted within 10' of an existing utility. Encroachment agreements shall be obtained when working within any public or private utility areas.
2. Applicant shall obtain written approval/agreement prior to work being done on properties not owned by the Applicant.
3. Applicant shall verify the need and ensure all permits are received (*i.e.*, FEMA, Army Corps, KDOW, etc.) prior to any streambank stabilization work.
4. 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 future LFUCG projects.
5. Applicant shall obtain encroachment agreements for each public site from the Division of Environmental Services.
6. Organization proposes a larger cost share beyond that required by the grant program. Budget shall reflect the 32.85% cost share offered in the application (approximately \$22,716.95).

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 – PRELIMINARY PROJECT SCHEDULE

Activity	Schedule
Approval of Grant Award Agreement and Notice to Proceed (NTP)	Anticipated February 2025
Convening of project steering committees	Within 1 Month of NTP, end of February 2025
Approval of work plan by property managers	Within 1 Month of NTP
Conduct Stream Walks in new project areas	April 2025
Conduct Stream Clean Up and Trash Removal	April 2025, October 2026
Conduct Invasive Plant Removal Workdays	April 2025, October 2026
Conduct native plant installations	May 2025, October 2026
Follow-up workdays in existing riparian areas	May 2025 - October 2026
Provide Project Final Report to LFUCG	December 2026

PROJECT BUDGET – GRANT ELIGIBLE EXPENSES

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.

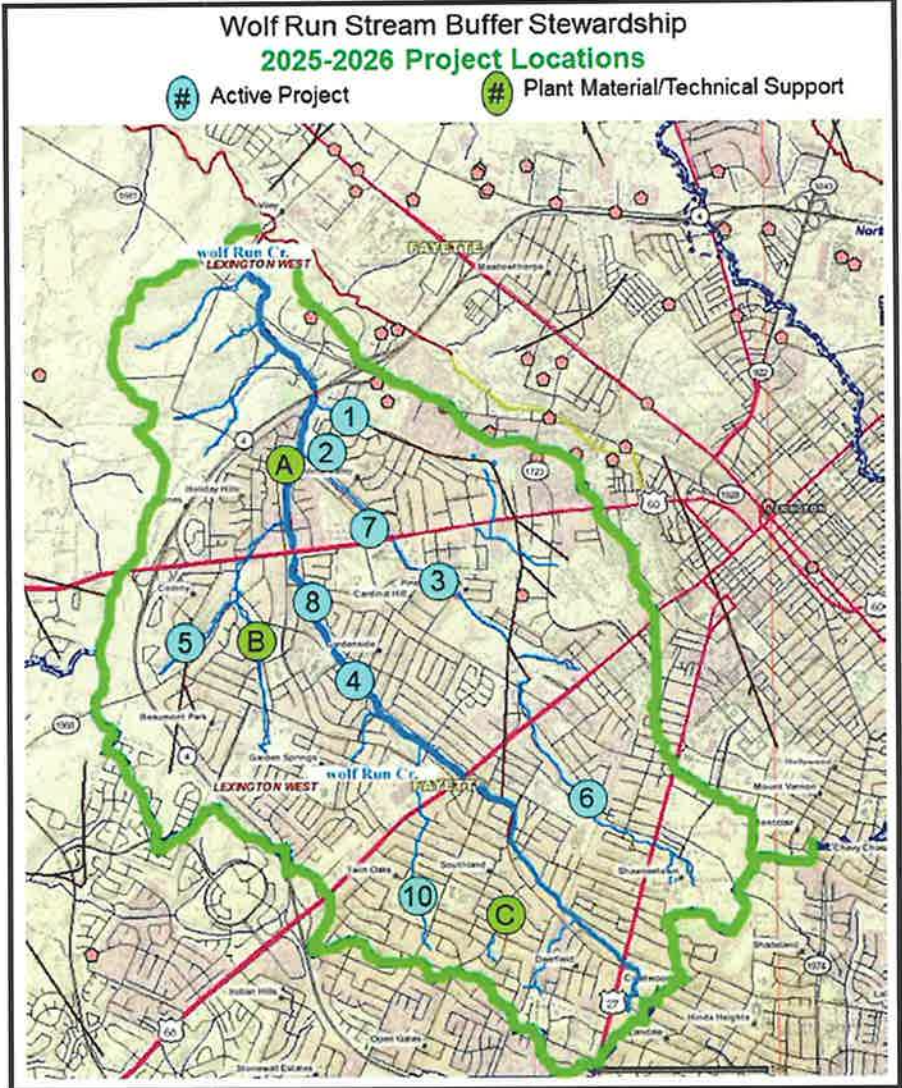
Any work performed on this project prior to grant award by the Urban County Council and Notice to Proceed from the LFUCG Grant Administrator is NOT an eligible expense and shall not be reimbursed or counted toward the cost share.

Construction cost items given in Table 2 are conceptual and the construction estimate will be revised and submitted to the LFUCG Grant Manager for review prior to construction and again once bids are received. **The Grant is a not-to-exceed amount, and any cost overruns are the responsibility of the Grantee.** Note that the Grant shall not be used to fund any project element that is required by local, state, or federal regulation in relation to any new development or redevelopment associated with the stormwater quality improvement project as described herein. Donated professional service hours shall be valued at the Median Hourly Wage for the service provided as published by the U.S. Department of Labor, Bureau of Labor Statistics, State Occupational Employment and Wage Estimates for Kentucky (current website: http://www.bls.gov/oes/current/oes_ky.htm).

TABLE 2 – ELIGIBLE EXPENSES / COMBINED BUDGET (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE		QUANTITY	FUNDED BY ORGANIZATION	Funded by Grant	TOTAL EXPENSE
1	Volunteer Time	FWR and neighborhood leadership	Volunteer work day events	\$ 15.00	per hour	336	\$ 5,040.00	\$ -	\$ 5,040.00
2	Project Management	Friends of Wolf Run Trustees, Key Stewards	Supervision, Coordination, Procurement, Reporting	Variable	per hour	412	\$ 8,560.00	\$ -	\$ 8,560.00
3	Plant Materials	Area vendors/suppliers Commercial Nurseries	Shrub/tree seedlings, seed, native plants	Variable	per project	1	\$ 1,350.00	\$ 9,500.00	\$ 10,850.00
4	Landscaping Supplies and Materials	Area Vendors	Mulch, Stakes, Volunteer Materials, Trash Bags, Gloves Etc...	Variable	per project	1	\$ -	\$ 4,800.00	\$ 4,800.00
5	Contracted services	Proessional Contractors	Treatments, landscapers, labor	Variable	per project	1	\$ 950.00	\$ 23,940.00	\$ 24,890.00
6	Donated Professional Services	Botanists, Artists, Consultants, Certified applicators	Supervision, services, design and guidance	Variable	per project	1	\$ 3,526.95	\$ -	\$ 3,526.95
7	Insurance Services	State Farm Insurance	Liability Coverage for Stream Buffers on DES Properties	\$360	1 Year Coverage	1.5	\$ 540.00	\$ -	\$ 540.00
8	Internet Information Services	Web Development Specialist	Social Media and Web Site Operations	Variable	per campaign	1	\$ 500.00	\$ 145.00	\$ 645.00
9	Signage	Friends of Wolf Run Trustees	Markers, Frames, Design and Installation	Variable	per project	Varies	\$ 400.00	\$ 5,050.00	\$ 5,450.00
10	Artwork	ArtStrong CVE Art Program	Design, Approval Processing, Installation	\$ 600.00	each	4	\$ 400.00	\$ 2,000.00	\$ 2,400.00
11	Printing	Friends of Wolf Run Trustees	Printing, meeting handouts, Planning Documents	Variable	per project	Varies	\$ -	\$ 550.00	\$ 550.00
12	GIS Services	GIS Specialist Dr. Jerry Weisenfluh	Geospatial data analysis for projects and Watershed BMPs	Variable	per project	1	\$ 1,200.00	\$ 200.00	\$ 1,400.00
13	Field Days/Tours	Friends of Wolf Run Trustees	Site Tours for Project Participant and Key Stewards	\$250	per event	2	\$ 250.00	\$ 250.00	\$ 500.00
14	TOTAL PROJECT BUDGET:						\$ 22,716.95	\$ 46,435.00	\$ 69,151.95
15							ORGANIZATION	GRANT	
16							SHARE	SHARE	
17							32.9%	67.1%	

FIGURE 1 – PROJECT LOCATION MAP – WOLF RUN STREAM BUFFER STEWARDSHIP (FROM APPLICATION)



Note: Supplemental project element information is provided by the Organization from the Application (see pages 10-27).

Project Sites

- 1. Preston’s Cave Spring Restoration
- 2. Deauville Drive Greenway
- 3. Pine Meadow Park and Right of Way
- 4. Gardenside Park Stream Buffer Maintenance
- 5. St. Raphael Tobits Trace Spring Trail
- 6. Elm Fork Stream Demonstration Project
- 7. Buffer Browser Goat’s for Invasive Control
- 8. Wolf Run Park Stream Buffer Project
- 9. Southland Park Stream/Basin Retrofit Neighborhood Engagement Program
- 10. Plant Material Propagation/Distribution

PROJECT SITE 1: PRESTON’S CAVE SPRING WOODLAND STREAM BUFFER REPAIR (FROM APPLICATION)

Project Personnel

Jerry Wisenfluh, Key Steward, and Skybox Ecological Support Key Contractor

Activity and Outlook

The effort will be devoted to restoring the riparian buffer zone with native vegetation in aim of increasing the plant diversity to help stabilize the plant communities and resist competition from the invasive plant species that dominate the forest understory. This approach is designed to transform the riparian zone in such a way that protection of the stream from aqueous runoff will be enhanced, thereby improving water quality. This FY25-26 component will encompass all or parts of 6 management zones with the park (see map illustration). Right bank zones above and below the main trail will focus on removal of large and resprouted Bush Honeysuckle. Left bank area PCS-LB-1 will focus on wintercreeper control.

Project components

- A. Mature Bush Honeysuckle (*Lonicera mackkii*) will be cut, the stumps treated with 21% Glyphosate herbicide and the stems and branches cut in short lengths and dispersed in the understory or stacked as necessary.
- B. Other invasive species present in the park will be monitored and a management plan will be implemented based on prioritization of each species.

- C. Native shrubs such as Willows (*Salix nigra*), Nine-bark (*Physocarpus opulifolius*), Dogwoods (*Cornus drummondii*, *Cornus amomum*), Spicebush (*Lindera benzoin*), Red Bud (*Cercis canadensis*), Buttonbush (*Cephalanthus occidentalis*), and others will be installed in cleared areas. Herbaceous plantings will be accomplished by seeding selected areas with a mixture of Wild rye (*Elymus virginianus* and *E. villosus*) and other native ground cover that competes well with Wintercreeper (*Euonymus fortunei*). Forbs such as Celandine Poppy (*Stylophorum diphyllum*) and Fernleaf phacelia (*Phacelia bipinnatifida*) will be transferred to project areas from local native gardens. Also, tree plantings may include species such as Swamp White Oak (*Quercus bicolor*), Bur Oak (*Quercus macrocarpa*), Shumard Oak (*Q. shumardii*), and Sycamore (*Platanus occidentalis*).
- D. At completion of the project, a final report will be produced, including a description of plant material, planting map and plan for future use.
- E. Stewardship Volunteers will conduct follow-up planting and invasive control in upland areas of the park and in areas previously cleared by contractors throughout the year.
- F. Community Volunteer Days will be organized, inviting neighbors of the park to participate and learn about activities in the park.
- G. Project Key Steward, Jerry Weisenfluh, will continue to coordinate with Parks Staff and Contractors on refining and expanding the natural resources management efforts in the park.

TABLE 3 – PROJECT SITE 1 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTI TY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Contracted Services	Skybax Ecological Services, LLC	Cutting and piling honeysuckle; herbicide application to stumps (PCS-RB3)	\$ 2,400.00	per acre	1	\$ -	\$ 2,400.00	\$ 2,400.00
2	Contracted Services	Skybax Ecological Services, LLC	Mechanical removal of winter creeper followed by seeding (PCS-LB1)	\$ 2,400.00	per 0.25 acre	1	\$ -	\$ 2,400.00	\$ 2,400.00
3	Plant materials	Skybax Ecological Services, LLC	Collection and installation of native woody and herbaceous species	\$ 50.00	per plant	10	\$ 500.00	\$ -	\$ 500.00
4	Contracted Services	Skybax Ecological Services, LLC	Careful identification and removal of unwanted alien plants	\$ 1,000.00	per acre	1	\$ 500.00	\$ 500.00	\$ 1,000.00
5	Plant Materials	Skybax Ecological Services, LLC	Tree whip collection, delivery, planting with follow up control	\$ 10.00	per plant	100	\$ 500.00	\$ 500.00	\$ 1,000.00
6	Volunteer Hours	Project personnel, FOWR and neighborhood	Volunteer Hours for organizing and advertising event	\$ 15.00	per hour	50	\$ 750.00	\$ -	\$ 750.00
7	Project Management	Key Steward	Coordinating contractors and volunteers	\$ 20.00	per hour	20	\$ 400.00	\$ -	\$ 400.00
8	Donated Professional Services	Native Plant Specialist, Jannine Baker	Plant material acquisition, installation and supervision	\$ 40.00	per hour	20	\$ 800.00	\$ -	\$ 800.00
9	Printing	FWR	Event flyers, planning documents, maps	varies	per project	1	\$ -	\$ 250.00	\$ 250.00
10	Contracted Services	Skybax Ecological Services, LLC	Survey management zones to identify future goals and priorities	\$ 600.00	per each	1	\$ -	\$ 600.00	\$ 600.00
11	Donated Professional Services	Licensed Herbicide Applicators	Removal and treatment of existing invasive plants in buffer and upland areas	\$ 25.00	per hour	20	\$ 500.00	\$ -	\$ 500.00
12	Educational Signage	Area Vendors	Aluminum framed outdoor entrance sign describing spring/park natural features and water quality restoration work	\$ 1,500.00	ea	1	\$ -	\$ 1,500.00	\$ 1,500.00
13	Supplies	FOWR Volunteer Program	Tools, herbicides, and related supplies	\$ 500.00	per project	1	\$ -	\$ 500.00	\$ 500.00
14				TOTAL PROJECT BUDGET:			\$ 3,950.00	\$ 8,650.00	\$ 12,600.00
15							ORGANIZATION SHARE	GRANT SHARE	
16				*COST SHARE % =			31.3%	68.7%	
17									

PROJECT SITE 2: DEAUVILLE DRIVE GREENSPACE [VALLEY PARK] (FROM APPLICATION)

Project Personnel

Jerome Higgenbotham, Key Steward, Jessie Higgenbotham Technology Trust, Dunbar High

Activity and Outlook

Friends of Wolf Run, in partnership with the Jesse Higginbotham Technology Trust, is seeking funding for an LFUCG Water Quality Incentive Grant for proposed work on a portion of Vaughn’s Branch along Deauville Drive.

Scope of Work

Volunteers from the Jesse Higginbotham Technology Trust, under the leadership of the Key Steward Jerome Higginbotham, will:

1. Remove invasive species (such as Bush Honeysuckle, winter creeper, etc.).
2. Apply treatments as needed to prevent its return.
3. Preserve any native species we find,
4. Plant additional native species to create a Riparian Buffer Zone following the best practices outlined by the University of Kentucky.
5. Clear the area of any trash and litter exposed.

The overall goal of this project is to create a Riparian Stream Buffer Zone, which will have a variety of effects. It will improve water quality because, as water flows through the zone, it will be naturally filtered by the native plant root systems. In addition, these root systems will help prevent erosion to the stream bank. Finally, these plants will naturally attract pollinators and will serve as a nesting and food source for a variety of animal species.

TABLE 4 – PROJECT SITE 2 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Volunteer Time	JHTT, Cardinal Valley Neighborhood	Invasive plant removal and control, installing and mulching native plants	\$ 15.00	hour	40	\$600.00	\$ -	\$600.00
2	Project management	Jesse Higginbotham Technology Trust, Inc.	Jerome Higginbotham, Key Steward, volunteer planning and organizing	\$ 20.00	hour	20	\$400.00	\$ -	\$400.00
3	Project Management	Friends of Wolf Run	Grant Accounting, Purchasing, Financial Administration	\$ 20.00	hour	5	\$100.00	\$ -	\$100.00
4	Plant Materials	Area Nurseries, JHTT Ky Forestry Division	Plants, Shrubs, tree whips, seeds	\$ 1,500.00	per project	1	\$ -	\$1,500.00	\$1,500.00
5	Supplies	Area vendors	Landscape supplies, mulch, volunteer support material	\$ 500.00	per project	1	\$ -	\$500.00	\$500.00
6	TOTAL PROJECT BUDGET:						\$1,100.00	\$2,000.00	\$3,100.00
7							ORGANIZATION	GRANT	
8	*COST SHARE % = 35.48%						SHARE	SHARE	
9							35.5%	64.5%	

PROJECT SITE 3: PINE MEADOW NEIGHBORHOOD PARK AND RIGHT OF WAY BUFFER MAINTENANCE

Project Personnel

Julie Marfell, Key Steward, Pine Meadow Neighborhood Association.

Activity and Outlook:

Pine Meadow Park has been under stewardship since 2012. Honeysuckle has been removed from about 1 acre of stream buffer and at least 0.25 acres have been completely rehabilitated with native forest canopy and understory species. Continued maintenance is needed to further the removal of garlic mustard, wintercreeper, Japanese hedge parsley, white mulberry, Amur honeysuckle, Callery pear, and many other weeds that are beginning to colonize the bare soil where restoration has begun.

The project has three main components:

- 5. Stream Buffer Restoration Zone and Wetland Planting Maintenance and Monitoring [4 site management visits].
- 6. Monitoring Floristic Quality Assessment summary report of 4 vegetative sampling plots and photo point data.
- 7. Volunteer Days, Donated Plant Materials, and other in-kind contributions.

TABLE 5 – PROJECT SITE 3 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Contracted Services	Will Overbeck	Site monitoring, invasive species removal, site stewardship including planting	\$ 750.00	per visit	4	\$ -	\$ 3,000.00	\$ 3,000.00
2	Volunteer Hours	FWR and neighborhood leadership	Volunteer work day events	\$ 15.00	per hour	30	\$ 450.00	\$ -	\$ 450.00
3	Project Coordination	Volunteer Key Steward Julie Marfell	Project management, Contractor Supervision, Planning/Communications	\$ 20.00	per hour	10	\$ 200.00	\$ -	\$ 200.00
4	Plant Materials (purchased)	Project personnel, FWR and neighborhood	In-kind contribution of 20 trees/shrubs/herbs	\$ 400.00	Per Project	1	\$ -	\$ 400.00	\$ 400.00
5	Plant Materials (Donated)	Project personnel, FWR and neighborhood	In-kind contribution of 20 trees/shrubs/herbs	\$ 350.00	Per Project	1	\$ 350.00	\$ -	\$ 350.00
6	Donated Professional Services	Will Overbeck Plant Ecologist	scientific assessment of the site using quantitative vegetation sampling	\$ 1,000.00	Per each	1	\$ 1,000.00	\$ -	\$ 1,000.00
7	Supplies	Area Vendors	Landscaping supplies, tools and volunteer support materials	\$ 300.00	Per Project	1	\$ -	\$ 300.00	\$ 300.00
8	TOTAL PROJECT BUDGET:						\$ 2,000.00	\$ 3,700.00	\$ 5,700.00
9							ORGANIZATION	GRANT	
10	*COST SHARE % = 35.09%						SHARE	SHARE	
11							35.1%	64.9%	
12	* Note: Organization share must be >20% of total project costs.								

PROJECT SITE 4: GARDENSIDE PARK

Project Personnel

Kristine Goggin, Key Steward, Gardenside Neighborhood Association, Partners

Scope and Outlook

Gardenside Neighborhood Leadership is requesting funding for continued maintenance of a robust stream buffer restoration effort through the park and on private property where the stream runs through the neighborhood from Beacon Hill to Appomattox Road along the creek bank. Park renovations, post post-sanitary sewer work, are nearing completion. The addition of the pickleball court hardscaping has increased runoff in an area that collects rainwater for prolonged periods after heavy rainfall. We will work to seek approval from Parks and Recreation to create and maintain a vegetative trench buffer around the pickleball court to mitigate runoff. We will continue to work with parks to keep them informed of our volunteer work in the park and on issues identified within the stream buffer that fall outside the scope of our work.

TABLE 6 – PROJECT SITE 4 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Volunteer Time	Area neighbors	Litter pickup, invasive management, planting, seeding, educational field days	\$ 15.00	Per Hour	50	\$ 750.00	\$ -	\$ 750.00
2	Contracted Services	Bid/Skybox/Ecogro	Poison Ivy Control, Large Tree Installation	\$ 400.00	Per Visit	3	\$ -	\$ 1,200.00	\$ 1,200.00
3	Donated Professional Services	Certified Herbicide Applicator	Invasive Control/Knoxious Weed Control	\$ 18.00	Per Hour	5	\$90.00	\$ -	\$ 90.00
4	Donated Professional Services	Water Quality/Native Plant Experts	Plant selection and acquisition, planting supervision, effectiveness monitoring	\$ 17.39	Per Hour	5	\$86.95	\$ -	\$ 86.95
5	Donated Professional Services	Landscape Design Consultant	Design planning, plant selection and acquisition, planting supervision, effectiveness monitoring	\$ 45.00	Per Hour	10	\$450.00	\$ -	\$ 450.00
6	Project Management	Key Steward (s)	Project Coordination, Neighborhood Engagement, Communications and Planning	\$ 20.00	Per Hour	75	\$ 1,500.00	\$ -	\$ 1,500.00
7	Project Management	Friends of Wolf Run Trustees	Grant Accounting, Purchasing, Financial Administration	\$ 20.00	Per Hour	11	\$ 220.00	\$ -	\$ 220.00
8	Plant Materials	Area Nurseries	Tree Whips, Seed and Perennial Flowering Plants	\$ 1,000.00	Per Project	2	\$ -	\$ 2,000.00	\$ 2,000.00
9	Materials and landscaping supplies	Area Vendors	Landscaping supplies, mulch, volunteer support materials	\$ 500.00	Per Project	1	\$ -	\$ 500.00	\$ 500.00
10	TOTAL PROJECT BUDGET:						\$ 3,096.95	\$ 3,700.00	\$ 6,796.95
11							ORGANIZATION SHARE	GRANT SHARE	
12	*COST SHARE % =						45.6%	54.4%	
13									
14	* Note: Organization share must be >20% of total project costs.								

PROJECT SITE 5: TOBIT'S TRACE SPRING GARDEN - ST. RAPHAEL'S EPISCOPAL CHURCH

Project Personnel
Cardinal Run Laura Daugherty, Key Steward, Skybox Ecological Services, Contractor

Summary
The project is located at the rear of the property owned by St. Raphael Episcopal Church, adjoining the Colony Neighborhood. It contains a tributary to Cardinal Run that makes its way to what is known as “Blue Hole.” Over recent years, the church has been awarded grants to clear out invasive plant material like honeysuckle, winter creeper, and poison hemlock and create a more natural stream bed feature to use for walking trails. Each year we plant and maintain native flowering, fruit and nut bearing trees, shrubs, and plant materials in order to maintain the ecological balance of the area and keep invasive species of plants at a minimum.

TABLE 7 – PROJECT SITE 5 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Project Element: Initial Treatment & Removal of Invasive Species [approx 1 acre]								
2	Invasive Control and Maintenance	Bids/Skybox	Treat and remove resprouts in previously cleared areas	\$ 70.00	Per treatment	8	\$ -	\$ 560.00	\$ 560.00
3	Native Grasses and Forbs	Bids/Skybox	Re-seed/plant as needed for successful	\$ 100.00	Per time	8	\$ -	\$ 800.00	\$ 800.00
4	Mechanical	Bids/Skybox	Mowing wildflower field	\$ 240.00	Per time	2	\$ -	\$ 480.00	\$ 480.00
5	Mechanical	Bids/Skybox	Keeping perimeter/fenceline mowed and trail	\$ 180.00	Per time	4	\$ 450.00	\$ 270.00	\$ 720.00
6	Mechanical	Bids/Skybox	Hillside cutting	\$ 240.00	Per time	4	\$ -	\$ 960.00	\$ 960.00
7	Volunteer Time	St. Raphael	weeding, mulching, light maintenance;	\$ 15.00	Per Hour	26	\$ 390.00	\$ -	\$ 390.00
8	Project Management	Laurie Daugherty	Grant Accounting, Purchasing, Financial Administration	\$ 20.00	Per Hour	5	\$ 100.00	\$ -	\$ 100.00
9	Project Management	Ken Cooke/Friends of Wolf Run	Key Steward Event Coordination, volunteer organization and planning	\$ 20.00	Per Hour	5	\$ 100.00	\$ -	\$ 100.00
10	Totals			TOTAL PROJECT BUDGET:			\$ 1,040.00	\$ 3,070.00	\$ 4,110.00
11							ORGANIZATION SHARE 25.3%	GRANT SHARE 74.7%	
12	*COST SHARE % =				25.30%				
13									
14	* Note: Organization share must be >20% of total project costs.								

PROJECT SITE 6: (LEFT) PROJECT AREA INCLUDES 445, 447 AND 451 SPRING HILL DRIVE, PICADOME NEIGHBORHOOD; (RIGHT) PICTURE OF ELM FORK OF VAUGHN'S BRANCH

Project Personnel
Mark Felice, Property Owner, Picadome Neighborhood

Water Quality Problem Addressed:
Wolf Run and its tributaries primarily cross private lands, mostly in residential areas with over 22,000 parcels in the overall watershed. This project element seeks to establish a demonstration

area for residential property owners developing methods for invasive control, native planting, and maintenance for individual landowners.

Project Scope and Outlook

- 1. Cut, treat, and chip on site or remove Asian Bush Honeysuckle, vines on trees, and Bradford Pear along the stream.
- 2. Plant native seedlings appropriate for utility rights of way (Rough Leaved Dogwood, Native Plum, Redbud, etc...)
- 3. Applying wood chip soil conditioning and mulch.
- 4. Seeding with riparian grasses/native flowering plants as a ground cover.
- 5. Volunteer stream walks and neighborhood workdays will be scheduled to involve area residents.

TABLE 8 – PROJECT SITE 6 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Plant Materials	Area Nurseries and seed providers	Native riparian trees, shrubs and perennial plants	\$ 500.00	Per Project	2	\$ -	\$ 1,000.00	\$ 1,000.00
2	Landscaping Supplies and Materials	Area Vendors	Mulch, stakes, hand tools, volunteer support materials	\$ 500.00	Per Project	1	\$ -	\$ 500.00	\$ 500.00
3	Contract Labor	Landscaping professionals	Tree installation, site preparation, invasive removal.	\$ 50.00	Per Hour	25	\$ -	\$ 1,250.00	\$ 1,250.00
4	Project Coordination	Mark Felice, Key Steward	Project planning, supervision, supplemental work	\$ 20.00	Per Hour	30	\$ 600.00	\$ -	\$ 600.00
5	Project Coordination	Friends of Wolf Run	Grant administration, accounting, purchasing	\$ 20.00	Per Hour	10	\$ 200.00	\$ -	\$ 200.00
6	Volunteer Time	Area residents and event participants	Educational activities and volunteer work day assistance	\$ 15.00	Per Hour	10	\$ 150.00	\$ -	\$ 150.00
7									
8				TOTAL PROJECT BUDGET:			\$ 950.00	\$ 2,750.00	\$ 3,700.00
9							ORGANIZATION	GRANT	
10							SHARE	SHARE	
11							25.7%	74.3%	

PROJECT SITE 7: BUFFER BROWSERS, THE GOAT PROJECT AT OXFORD CIRCLE

Project Personnel

Paula Singer, Project Coordinator S.W.M.B.O; David Neville, Goatherd Contractor and Ken Cooke, Grant Management, financial reporting.

Technical Advisors - Jody Thompson, Research & Extension Associate, Forestry & Natural Resources.

Project Scope and Outlook

This project seeks to further develop community-supported use of small ruminant browsers (browsing goat species) to manage invasive species along this urban stream bank. Management of invasives will improve water quality through allowing the establishment of diverse native plants and understory trees. Mature canopy trees will be identified and preserved.

Project goals:

- 1) Expand the project area from the current one acre to an area of up to 2 acres. We will expand in a southerly direction (towards Versailles Rd) while being mindful of the restrictions imposed by the terrain.
- 2) Use of fewer goats over a longer time period. Our first 2-week browse in Spring 2023 used 15 goats; our second 2-week browse in Fall 2023 used seven goats; our upcoming Spring 2024 browse will use 5 to 7 goats. Our observations are that fewer goats over a longer period of time will elicit more winter-creeper grazing and we wish to encourage this alimentary behavior.
- 3) Inventory of existing beneficial trees, both canopy and understory.
- 4) Wildlife and bird inventory
- 5) A native species planting plan, including a Monarch Way Station, designed by community volunteers.
- 6) The establishment of a community-based Vaughn’s Branch Goat Authority to continue the maintenance of the project site to ensure it becomes a “greenway amenity...as well as an active piece to the stormwater and drainage plan.” (Pg. 56 Oxford Circle Redevelopment and Feasibility Study).

Plan of Work

- Continuation of volunteer efforts to remove all trash from the project stream banks and surrounding area. This will be a daily and ongoing effort while the goats are at work.
- Volunteer goat checks and monitoring at minimum 3 times per day. Goat wellness and head count; electric “live” fence check with a provided voltmeter.
- Using the apps iNaturalist for plants and Merlin for birds, volunteers will document and flag beneficial trees and maintain a record of avian species in the project area as well as other wildlife species.
- Volunteers will continue to cut back any bush honeysuckle that is beyond the reach of the goats.
- Volunteers will design a native species planting plan using the Lexington Live Green Plant by Numbers guides.
- Several special event demonstration days will be offered over the course of the three browsing seasons where David Neville will supervise as community members are allowed to get up close and personal with some of the goats. Questions about our project’s purpose will be answered.

- Outreach will continue to Cardinal Valley Elementary’s Green Ribbon School Award Winner and Nature Studies teacher Adonya Boyle; CVE art teacher Michelle Newby Armstrong and Doug Ashcraft, Agriculture Educator at Locust Trace AgriScience Center.
- Outreach will continue to Oxford Circle merchants.

TABLE 9 – PROJECT SITE 7 (FROM APPLICATION)

LINE NO.	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTIT Y	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Contracted Services	Goatherd David Neville	Site containment setup, Goat delivery, management and support	\$2,600.00	Per 3 week browsing session	3	\$ -	\$ 7,800.00	\$ 7,800.00
2	Contracted services	Goatherd plus local contractor	Temporary containment fencing materials and installation	\$2,520.00	Per Each	1	\$ -	\$ 2,520.00	\$ 2,520.00
3	Volunteer Supplies		Trash bags, gloves, pickers, refreshments	\$ 600.00	per project	1	\$ -	\$ 600.00	\$ 600.00
4	Project Management	Paula Singer, Key Steward	Project coordination	\$ 20.00	Per Hour	50	\$ 1,000.00	\$ -	\$ 1,000.00
5	Professional Services	UK Research and Extension Jody Thompson	Technical Support, Effectiveness Monitoring Demonstration project	\$ 350.00	per project	1	\$ 350.00	\$ -	\$ 350.00
6	Professional Services	Goat Wranglers	Animal management, health checks, containment Checks	\$ 20.00	Per Hour	75	\$ 1,500.00	\$ -	\$ 1,500.00
7	Grant Management and Reporting	Friends of Wolf Run: Ken Cooke	Processing payments, grant reports.	\$ 20.00	Per Hour	5	\$ 100.00	\$ -	\$ 100.00
8	Volunteer Time	Community Partners	Cleanup, site visits, educational field days	\$ 15.00	Per Hour	70	\$ 1,050.00	\$ -	\$ 1,050.00
9	TOTAL PROJECT BUDGET:						\$ 4,000.00	\$ 10,920.00	\$ 14,920.00
10							ORGANIZATION	GRANT	
11	*COST SHARE % = 26.81%						SHARE	SHARE	
12							26.8%	73.2%	
13	* Note: Organization share must be >20% of total project costs.								

PROJECT SITE 8: WOLF RUN PARK STREAM BUFFER EXPANSION

Project Personnel

Tana Allen, Key Steward, and Michelle Armstrong, Cardinal Valley Elementary Arts Program

Plan of Work and Timeline

Our project scope for this area intends to better engage adjacent residents (separated from the park by the creek) in litter control, invasive plant control, and native plantings along the stream buffer. We hope to continue historic efforts by residents of The Lane, Port Royal Neighborhood and Gardenside/Maywick to naturalize the corridor along the stream. Our Key Steward will visit on a regular basis and hold volunteer workdays recruiting assistance to deal with the larger trash deposits near adjacent apartment complexes where trash has been a chronic problem for decades

Application of Funding:

Funds are requested to cover the cost of native plant materials, trees, shrubs, perennial flowering plants and seed to install in designated demonstration areas along the waterway, along with landscaping materials and supplies to support volunteer workdays organized to engage area residents. Funding is also sought for the design, materials and installation of the storm drain artwork. Match will come from our Key Steward’s volunteer time, donated design services from our artist and volunteer time from area residents participating in organized volunteer events.

Impact and outcomes: We anticipate planting about 40 tree whips, 20 shrubs and cover over a half mile of stream bank with regular litter patrols.

TABLE 10 – PROJECT SITE 8 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Volunteer Hours	FWR and neighborhood leadership	Volunteer work day events	\$ 15.00	per hour	30	\$ 450.00	\$ -	\$ 450.00
2	Project Coordination	Volunteer Key Steward Tana Allen	Project management, Contractor Supervision, Planning/Communications	\$ 20.00	per hour	15	\$ 300.00	\$ -	\$ 300.00
3	Plant Materials (Purchased)	Area Vendors	Trees, Shrubs, Perennial plants and seed	\$2,000.00	Per Project	1	\$ -	\$ 2,000.00	\$ 2,000.00
4	Landscaping Supplies and Materials	Area Vendors	Mucih, stakes, marking, tools and volunteer materials	\$ 300.00	Per Project	1	\$ -	\$ 300.00	\$ 300.00
5	Artwork	ArtStrong CVE Art Program	Design, design approval Process	\$ 200.00	per each	4	\$ 400.00	\$ 400.00	\$ 800.00
6	Artwork	ArtStrong CVE Art Program	Materials, student transport, site prep and installation	\$ 400.00	per each	4	\$ -	\$ 1,600.00	\$ 1,600.00
7	Grant Management and Reporting	Friends of Wolf Run: Ken Cooke	Processing payments, grant reports.	\$ 20.00	Per Hour	5	\$ 100.00	\$ -	\$ 100.00
9	TOTAL PROJECT BUDGET:						\$ 1,250.00	\$ 4,300.00	\$ 5,550.00
10							ORGANIZATION	GRANT	
11	*COST SHARE % = 22.52%						SHARE	SHARE	
12							22.5%	77.5%	

PROJECT SITE 9: SOUTHLAND PARK STORMWATER BASIN AND STREAM BUFFER NEIGHBORHOOD ENGAGEMENT

Project Personnel

Jean Watts, Southland Park Neighborhood Association, Project “Bowspirit”

Southland Park hosts a new award-winning stormwater control system utilizing amended soils, constructed hyporheic aquifers, and native plantings throughout the city park. The system is designed to be open and accessible to park visitors and the area will be professionally maintained by the Division of Environmental Services contractors.

The funding we seek will support two activities by the Southland Park neighborhood related to public education and involvement in ensuring the installation’s success.

TABLE 11 – PROJECT SITE 9 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Volunteer Hours	FWR and neighborhood leadership	Volunteer work day events	\$ 15.00	per hour	30	\$ 450.00	\$ -	\$ 450.00
2	Project Coordination	Volunteer Project BowSpirit Jean Watts	Project management, Contractor Supervision, Planning/Communications	\$ 20.00	per hour	15	\$ 300.00	\$ -	\$ 300.00
3	Plant Materials (Purchased)	Area Vendors	Flowering Perennials	\$ 300.00	Per	1	\$ -	\$ 300.00	\$ 300.00
4	Landscaping Supplies and Materials	Area Vendors	Muchh, stakes, marking, tools and volunteer materials	\$ 300.00	Per Project	1	\$ -	\$ 300.00	\$ 300.00
5	Signage	Sign Vendor	Sign frame, printing and installation	\$ 1,500.00	Per Sign	2		\$ 3,000.00	\$ 3,000.00
6	Signage	Graphic Designer	Sign composition, editing, layout and design	\$ 200.00	per each	2	\$ 400.00	\$ -	\$ 400.00
7				TOTAL PROJECT BUDGET:			\$ 1,150.00	\$ 3,600.00	\$ 4,750.00
8							ORGANIZATION	GRANT	
9			*COST SHARE % =		24.21%		SHARE	SHARE	

PROJECT SITE 10: NATIVE RIPARIAN PLANT MATERIALS PROPAGATION AND DISTRIBUTION SUPPORT

Project Personnel

Jannine Baker, Native Plant Specialist, Craig Lock, Support Services

We have developed efficiencies in procuring and distributing native plant materials to our project sites and have found that sourcing suitable plant materials requires a great deal of forethought and planning. (Often, we will need to order materials a season in advance).

This support service, headed by Native Plant Specialist, Jannine Baker, retired from the University of Kentucky Plant Pathology Department (Pictured above) volunteers to provide consulting services, installation, maintenance training, acquisition, care, distribution, and tracking for suitable plant materials for stream buffer restoration.

TABLE 12 – PROJECT SITE 10 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Donated Professional Services	Native Plant Specialist Jannine Baker	Plant selection, acquisition, potting, consulting and distribution	\$ 40.00	Per Hour	15	\$600.00	\$ -	\$600.00
2	Plant Materials	Area vendors/suppliers Commercial Nurseries	Shrub/tree seedlings, seed, native plants	\$ 1,000.00	Per Project	1	\$ -	\$1,000.00	\$1,000.00
3	Planting Materials and Supplies	Area vendors/suppliers Commercial Nurseries	Potting Media, pots, tools, mulch, labling,	\$ 500.00	Per Project	1	\$ -	\$500.00	\$500.00
4	Project Management	Friends of Wolf Run Treasurer	Ordering, supplies delivery, accounting, reporting	\$ 18.00	Per Hour	5	\$90.00	\$ -	\$90.00
5				TOTAL PROJECT BUDGET:			\$690.00	\$ 1,500.00	\$2,190.00
6							ORGANIZATION	GRANT	
7			*COST SHARE % =		31.51%		SHARE	SHARE	
8							31.5%	68.5%	
9			* Note: Organization share must be >20% of total project costs.						

PROJECT SITE 11: NATIVE RIPARIAN PLANT MATERIALS PROPAGATION AND DISTRIBUTION SUPPORT

Overall Project Administration

Project Personnel

Ken Cooke, Project Administrator, Friends of Wolf Run, Friends of Wolf Run Board of Trustees.

Friends of Wolf Run leadership will provide general project coordination including:

- 1. Providing no-mow zone markers for project areas.
- 2. Distribution to key stewards and neighborhood leadership publications related to stream buffer science, installation, and maintenance. (Living Along A Kentucky Stream).
- 3. Outreach and communication regarding specific project workdays, tours, and events through social media, website, email distribution, and printed flyers.
- 4. Ordering and delivering requested tools, equipment, and supplies to volunteer leadership
- 5. On-site field support for Key Stewards, organizing meetings and planning sessions with property owners, city officials, and volunteer leadership.
- 6. Specific coordination of Herbicide Applicators Certification through the Kentucky Department of Agriculture Division of Pesticide Regulation. Our goal is to have at least one certified herbicide applicator assigned to each project area. The project covers the testing fee and certification fee for the Key Steward or his/her designated project representative.
- 7. Provide Geographic Information System database using E.S.R.I. ArcMap Pro with extensions to support the various project elements. The goal is to collect geographic data from historical, active, and prospective project areas to share with the Division of Water Quality, Lexington Parks, and the Division of Environmental Services. Grant funds will be used to cover the annual software subscription (Non-Profit Rate) matched by donated GIS operator time.
- 8. Provide insurance services for project locations requiring indemnification and/or liability coverage (DES Greenways).
- 9. Making financial arrangements, purchasing coordination, accounting, grant reporting and record-keeping for the overall project.
- 10. Project long-range planning for future funding and alternative funding sources for grant match and new development.

TABLE 13 – PROJECT SITE 10 (FROM APPLICATION)

	TYPE OF EXPENSE	PARTICIPANTS	ITEM	UNIT PRICE	UNIT	QUANTITY	FUNDED BY ORGANIZATION	FUNDED BY GRANT	TOTAL EXPENSE
1	Signage	Friends of Wolf Run Trustees	No Mow Zone Boundary Markers, Stickers and polls	\$ 11.00	Per Each	50	\$ -	\$ 550.00	\$ 550.00
2	Printing	Friends of Wolf Run Trustees	Printing, meeting handouts, Planning Documents	\$ 1.00	Per Each	300	\$ -	\$ 300.00	\$ 300.00
3	Internet Information Services	Web Development Specialist	Social Media and Web Site Operations	Variable	Per Campaign	1	\$ 500.00	\$ 145.00	\$ 645.00
4	Field Day	Friends of Wolf Run Trustees	Field Trip for Project Participant and Key Stewards	\$ 250.00	Per Event	2	\$250.00	\$ 250.00	\$ 500.00
5	Insurance Services	State Farm Insurance	Liability Coverage for Stream Buffers on DES Properties	\$ 360.00	1 Year Coverage	1.5	\$540.00	\$ -	\$ 540.00
6	GIS Services	GIS Specialist Dr. Jerry Weisenfluh	Geospatial data analysis for projects and Watershed BMPs	\$ 40.00	Hour	30	\$1,200.00	\$ -	\$1,200.00
7	GIS Services	E.S.R.I.	ArcMap Pro Non-Profit License for GIS Specialist	\$ 100.00	per year	2	\$ -	\$200.00	\$200.00
8	Materials and Supplies	Area Vendors	Landscaping Supplies/volunteer Tools and Equipment	Variable	Per Unit	1	\$ -	\$ 800.00	\$ 800.00
9	Project Management	Friends of Wolf Run Trustees	Grant Accounting, Purchasing, Financial Administration	\$ 20.00	Per Hour	50	\$ 1,000.00	\$ -	\$ 1,000.00
10	Totals			TOTAL PROJECT BUDGET:			\$ 3,490.00	\$2,245.00	\$ 5,735.00
11							ORGANIZATION	GRANT	
12			*COST SHARE % =	60.85%			SHARE	SHARE	
13							60.9%	39.1%	

Stormwater Quality Projects Incentive Grant Program

