

**GRANT AWARD AGREEMENT**

*Fiscal Year 2025 Class B Education Incentive Grant Program*

**THIS AGREEMENT**, made and entered into on the 29 day of January, 2025 by and between the **LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT (LFUCG)**, 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 **THE UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION**, 500 SOUTH LIMESTONE, 109 KINKEAD HALL, LEXINGTON, KENTUCKY 40526-001 (hereinafter "Grantee" and "Property Owner").

**WITNESSETH:**

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

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

**WHEREAS**, any such improvements funded by the Government shall benefit the public through installed improvements and/or educational programming;

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

- (1) Government hereby grants the Grantee the sum of \$30,698.00 (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 shall provide equal opportunity in employment for all qualified persons; prohibit discrimination in employment because of race, color, creed, national origin, sex, age between 40 and 70 or disability; promote equal employment through a positive, continuing program of equal employment; and cause each of its subcontractors to do so. This program of equal employment opportunity shall apply to every aspect of its employment policies and practices.
- (3) The Grantee agrees to match the Grant above the first \$3,000.00, with contributions, labor and other services equal to or greater than 20% of the total project costs.
- (4) The Grantee agrees to use the Grant only for the activities set forth in Attachment A.

- (5) The Grantee agrees to perform periodic reporting as detailed in Paragraph 6 herein below, and produce a Project Final Report within 60 calendar days of the completion of the project elements in digital and hard copy following a standardized format to be provided by the Government summarizing all work completed and detailing the total expenditures, grant reimbursements, and match.
- (6) The Grant to the Grantee shall be disbursed in the following manner:
- (a) The Grantee shall submit at least once every 3 months, if not specified otherwise in Attachment A, a Request for Funds to the Government's Grant Manager designated by the Director of the Division of Water Quality for the project. Each 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 these eligible grant-related expenses, as listed in Attachment A. Additionally, a full standard report of expenditures shall be provided with the Request for Funds. For project specific personnel costs and stipends, documentation shall include labor distribution reports.
  - (b) Each Request for Funds shall be accompanied by a Project Status Report 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, copies of the class rosters or sign-in sheets documenting the number of attendees and evaluation forms shall be provided.
  - (c) 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. A full standard report of expenditures shall be provided with the documentation of Match Costs. For project specific personnel costs and stipends included as Match Costs, documentation shall include labor distribution reports. For in-kind volunteer hours this shall include sign-in sheets describing the events with signatures, name, address, time in, time out, 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 total miles driven.
  - (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 Grant Manager finds the Grantee's Request for Funds is in compliance with the terms of this Agreement and the guidelines of the Stormwater Quality Projects Incentive Grant Program and that the activity progress and management program of the Grantee satisfy the terms of the grant award, he or she shall approve the Request for Funds and forward it to the Division of Accounting for payment.
  - (e) Should the Government's Incentive Grant 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 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 11 herein below.
  - (f) The Government shall release payment of the final 5% 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.

- (7) The Grantee agrees to obtain written approval from the Government's Grant Manager or Program Administrator for any substantive 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 11 herein below.
- (8) 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 12 months. The Grantee agrees to obtain written approval from the Government's Grant Manager or Program Administrator for any time extensions beyond the schedule. Failure to gain written approval prior to making changes may lead to termination of the Agreement for cause pursuant to Paragraph 11 herein below.
- (9) 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.
- (10) The Grantee asserts that it 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 Housing 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 Grant Manager and 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 11 herein below.
- (11) 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, 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 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.
- (12) This Agreement may not be modified except by written agreement of the Government and the Grantee.
- (13) The Grantee agrees to comply with all applicable local, state, and federal rules, regulations, ordinances, and laws in implementation of the project.
- (14) The Grantee agrees to allow the Government access to perform monitoring of the project elements for compliance with this Agreement.

- (15) In any written or oral 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.
- (16) The Grantee agrees to allow the Government to publicize the Grantee's project through the Government's website and other media.
- (17) 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.
- (18) For any project which includes the installation of permanent capital infrastructure listed in Attachment A, the Grantee agrees that the Government is authorized to erect and maintain permanent signage at the location of the permanent capital infrastructure, referencing the Water Quality Management Fee and the Stormwater Quality Projects Incentive Grant Program as a source of funding for such permanent capital infrastructure. In the event that permanent signage is installed by the Government, such signage shall not be removed except upon written approval by the Government. Provided, however, that nothing herein shall require the installation of signage by the Government nor prohibit the Government from removing any signage so installed.
- (19) The Grantee agrees to prepare class rosters or sign-in sheets and provide evaluation forms to the attendees for any educational event funded by the Grant.
- (20) Equipment purchased or facilities constructed by the Grantee with the Grant for use on this project will remain in service and maintained by the Grantee or its members per the terms listed in Attachment A. Equipment purchased by the Grantee with the Grant for use on this project will remain the property of the Grantee unless otherwise noted in Attachment A.
- (21) The Government assumes no responsibility whatsoever in the Grantee's project activities. Grantee shall, to the extent allowed by Kentucky law, defend, indemnify, and hold harmless Government from and against all liability, claims, 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, in connection with the activities carried out pursuant to this Agreement, the Grant award or the Stormwater Quality Projects Incentive Grant Program.
- (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'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:

Maximie Stock  
Deputy CLERK, URBAN COUNTY COUNCIL

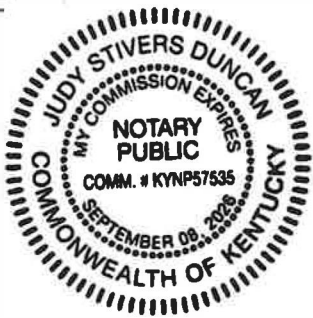
GRANTEE ORGANIZATION & THE UNIVERSITY OF KENTUCKY RESEARCH  
PROPERTY OWNER: FOUNDATION  
500 SOUTH LIMESTONE  
109 KINKEAD HALL  
LEXINGTON, KENTUCKY 40526-001

KCD

BY: Kim C. Carter  
NAME: Kim C. Carter  
TITLE: Associate Director

The foregoing Agreement was subscribed, sworn to and acknowledged before me by Kim C. Carter, as the duly authorized representative for and on behalf of UK RF, on this the 13th day of December, 2024. 9/8/26  
My commission expires: \_\_\_\_\_

[Signature]  
NOTARY PUBLIC



**ATTACHMENT A**  
**to the GRANT AWARD AGREEMENT**  
**between Lexington-Fayette Urban County Government (LFUCG) and**  
**University of Kentucky Research Foundation (UKRF)**

*KC*

**GRANT PROGRAM**

**2025 Stormwater Quality Projects Incentive Grant Program  
Class B Education Projects**

- Funded through the LFUCG Water Quality Management Fee
- Administered by the LFUCG Division of Water Quality in the Department of Environmental Quality & Public Works

**PROJECT TEAM AND CONTACT INFORMATION**

|   |  |
|---|--|
| <b>Grantee Organization:</b>                                      | The University of Kentucky Research Foundation (UKRF)<br>500 South Limestone, 109 Kinkead Hall<br>University of Kentucky<br>Lexington, KY 40526-0001<br>KY Organization #0052708   |
| <b>Primary Project Contact &amp;<br/>Primary Project Contact:</b> | Kim C. Carter, Executive Director<br>859-257-9420 (phone)<br>ospa@uky.edu (email)  |
| <b>Secondary Project Contact:</b>                                 | Kenton L. Sena, Ph.D<br>859-444-1723 (phone)<br>Kenton.sena@uky.edu (email)  |
| <b>Project Site Location<br/>&amp; Property Owner:</b>            | Countywide<br>University of Kentucky   |
| <b>Project Team:</b>  | Lee Moser, M.S., Extension Associate Senior in the<br>UK Martin-Gatton College of Agriculture, Food, and<br>Environment<br>859-218-4327 (phone)<br>lee.moser@uky.edu (email)<br><br>The project team will also include two (2) undergraduate student<br>research assistants. |

**PROJECT PLAN ELEMENTS**

The purpose of the project is to communicate project results to relevant community members and stakeholders, particularly members of the stormwater management community. The University of Kentucky Research Foundation anticipates a multi-modal approach to communicating results.

The general project elements include:

**Part 1: Evaluate Urban Forests as Stormwater Management** – The proposed study will evaluate the effectiveness of reforestation through evaluating the potential stormwater volume displaced by tree biomass in reforested stormwater basin. The study will also evaluate whether planting trees in basins increases management/maintenance costs and whether planting trees in basins or mowed grasslands increases infiltration rates or soil water storage capacity. Field work will be performed to evaluate the study questions. The proposed project intends to evaluate the effectiveness of reforestation as stormwater management and to evaluate the timescales (1 year since planting vs. 25 years since planting).

- A. **Biomass volume:** Volume of planted trees will be assessed. Tree volume will be summed across the basin. Future volume of planted trees will be estimated, assuming a typical stocking density and size.

- B. **Maintenance/management costs:** Planted trees and their leaf litter may increase maintenance especially in autumn during leaf fall. Maintenance costs for study basins will be estimated in collaboration with basin managers.
- C. **Infiltration:** Infiltration rates will be evaluated in mowed and reforested basins and Reforest the Bluegrass sites, using a MiniDisk infiltrometer. Infiltration assessments will be conducted at three random and representative locations per site at least three times throughout the study.
- D. **Water table:** A groundwater well will be installed near the outlet of each basin, equipped with a pressure transducer and datalogger to record water height every 15 minutes. These data will be analyzed to evaluate whether the timing and dewatering differs between reforested and mowed basins. Soil samples will be collected from Reforest the Bluegrass sites and adjacent mowed areas to evaluate water storage capacity.

**Part 2: Education and Outreach** – The key goal of our proposed project is to communicate project results to relevant community members and stakeholders, particularly members of the stormwater management community. We anticipate a multi-modal approach to communicating results, including the following:

- A. **Infographics:** Infographics convey data concisely, in a highly accessible and shareable format. We will create infographics to share the results of our stormwater basin and Reforest the Bluegrass assessments with members of the public. We anticipate that these infographics, paired with more detailed text, will be useful features in both web- and text-based communications such as webpages, social media, and brochures, and we will share the infographics widely with project partners including LFUCG Urban Forestry.
- B. **Extension Publication:** The University of Kentucky Extension has existing extension publications regarding low-impact development; we will develop an additional extension publication reporting project results, adding to the body of knowledge. This publication will target professionals, such as managers involved in decision-making and design for stormwater management.
- C. **Field Days:** UKRF will host at least one field day at project sites to share project results with stormwater managers and other relevant professionals.
- D. **Conference Presentations:** UKRF will present project results at relevant meetings such as the Kentucky Water Research Institute symposium, the annual Kentucky Stormwater Association meeting, and the LFUCG Stormwater Stakeholders Advisory Committee meeting.
- E. **Tabling at Reforest the Bluegrass:** UKRF will have a table at the April 2025 Reforest the Bluegrass planting event to share the benefits of planting trees in our city, including benefits for stormwater management.
- F. **Public Engagement Days:** UKRF will host at least one public engagement day at a project site. Participants will learn about the benefits of urban reforestation for stormwater management and other management objectives and will help clean up the project site by removing invasive species and picking up trash.

## **TARGET AUDIENCE**

The target audience for this project seeks to reach both stormwater management professionals and community members. UKRF will engage stormwater management professionals through extension publications, field days, and conference presentations, and will engage members of the community more broadly through infographics, tabling at events, and public engagement days. The results of the proposed project will clarify the effects of planting trees on stormwater management in our area. This information is critical for informed stormwater management moving forward. Furthermore, urban reforestation as a stormwater management strategy requires significant public support and engagement; engaging the public in conversations about the effectiveness of tree planting for stormwater management will thus also be critical.

## **PROJECT SUSTAINABILITY**

- 1) ***Long-term Component for Ongoing Education and Involvement:*** The project will install monitoring equipment in project sites, which can be easily and inexpensively monitored by undergraduate student assistants. Furthermore, Sena and Moser will be willing and able to host additional field days for stormwater management professionals and community members, as there is interest.
- 2) ***Personnel for Long-Term Implementation:*** It is anticipated that the long-term mentoring will be performed by UKRF staff that have experience in water quality monitoring of long-term site in the Lexington area.
- 3) ***Ongoing Sources of Funding for Future Program Implementation beyond the Grant Period:*** Ongoing sources of funding for future program implementation beyond the grant period will come from internal sources, such as the Student Sustainability Council.

## **PROJECT SUCCESS MEASURES**

1. Products produced, including datasets, publications, and infographics.
2. Presentations given, including conferences and other meetings.
3. Number of participants at professional-facing events, such as the field day(s).
4. Number of participants at public-facing events, such as tabling and basin clean-up day(s).
5. Data to reflect use and/or knowledge gains, including survey instruments (online and in-person), social media metrics, website visits and downloads, etc.

## **REPORTING REQUIREMENTS**

In addition to the reporting requirements outlined in the Grant Award Agreement, the following are examples of special items that could also be required depending on the project:

- 1) All handouts and educational materials shall be provided to the LFUCG Grant Manager in hard copy and electronic (PDF) format with Requests for Funds & Project Status Reports and/or the Project Final Report.
- 2) Photographs and records documenting events, programs, training, workshops, et cetera shall be provided to the LFUCG Grant Manager in electronic format with the Project Final Report.
- 3) Sign-in sheets for Professional Development events shall be maintained and provided to the LFUCG Grant Manager upon request. Participation attendance counts shall be maintained and provided to the LFUCG Grant Manager, with reporting for all other events.
- 4) Materials associated with printed teacher lesson plans and best practices for implementation within their classrooms from the field trips or other facilitated educational programs shall be provided to the LFUCG Grant Manager in hard copy and electronic (PDF) format with Requests for Funds & Project Status Reports and / or the Project Final Report.
- 5) Copies of program evaluations collected in association with the facilitated educational programs, outreach programs, public participation, Water Walk, and field trips shall be provided to the LFUCG Grant Manager in hard copy or electronic (PDF) format with the Project Final Report.
- 6) All evaluations, especially those listed under the Project Success Measures, shall be provided to the LFUCG Grant Manager with Requests for Funds & Project Status Reports and / or the Project Final Report.
- 7) All attachments to Requests for Funds & Project Status Reports shall reference the associated line from Table 2 – Eligible Expenses.



**ADDITIONAL GRANT STIPULATIONS**

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

- 1. Both electronic and hard copies of all materials are to be provided to LFUCG, for its use, as part of the grant deliverables including before, during, and after photos of activities.
- 2. Applicant shall specify educational and promotional materials that are water quality related or that will include water quality messaging (*i.e.* brochures, bookmarks, cards and so forth).
- 3. Applicant shall provide a rate of pay records for the personnel listed in the project budget to the Division of Water Quality prior to the drafting of the Grant Award Agreement.
- 4. Organization proposes a larger cost share beyond that required by the grant program. Budget shall reflect the 20.1% cost share offered in the application (approximately \$6,954.00).

**EQUIPMENT**

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

**PERMANENT FACILITIES / INFRASTRUCTURE**

**Monitoring:** The Organization agrees to allow LFUCG staff access to the property to monitor the installed features for compliance with this agreement.

**GRANT PERIOD & PROJECT SCHEDULE**

The grant period starts on the date of execution by the Mayor and extends for the time period as listed in the Grant Award Agreement. Any time extensions must be approved in writing by the LFUCG Grant Manager. The project schedule shown in Table 1 is preliminary. Proposed changes to the project which alter this schedule significantly shall be discussed with the LFUCG Grant Manager prior to implementation.

**TABLE 1 – PRELIMINARY PROJECT SCHEDULE**

| Activity   | Schedule   |
|--|--|
| Approval Grant Award Agreement and Notice to Proceed (NTP)                 | anticipated February 2025  |
| Identify project basins (5 treed/5 mowed) and secure access permissions    | Within two months of NTP   |
| Install groundwater wells and monitoring instruments in project basins     | Spring 2025  |
| Table at Reforest the Bluegrass  | April 2025   |
| Monitor project basins   | Continuous after the well installation and instrumentation; Spring 2025 through the end of the project |
| Assess infiltration and soil water storage in Reforest the Bluegrass sites | May 2025 - June 2025   |
| Plan and Advertise for Field Day and Public Engagement Day                 | June 2025  |
| Field Day and Public Engagement Day  | June 2025 - July 2025  |
| Present at Kentucky Storm.water Association Meeting                        | July 2025  |
| Draft Communications Materials: Infographic, Extension Publication, etc.   | August 2025 - December 2025  |
| Provide Project Final Report to LFUCG                                      | March 2026   |

**PROJECT BUDGET – GRANT ELIGIBLE EXPENSES & ORGANIZATION COST SHARE**

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.

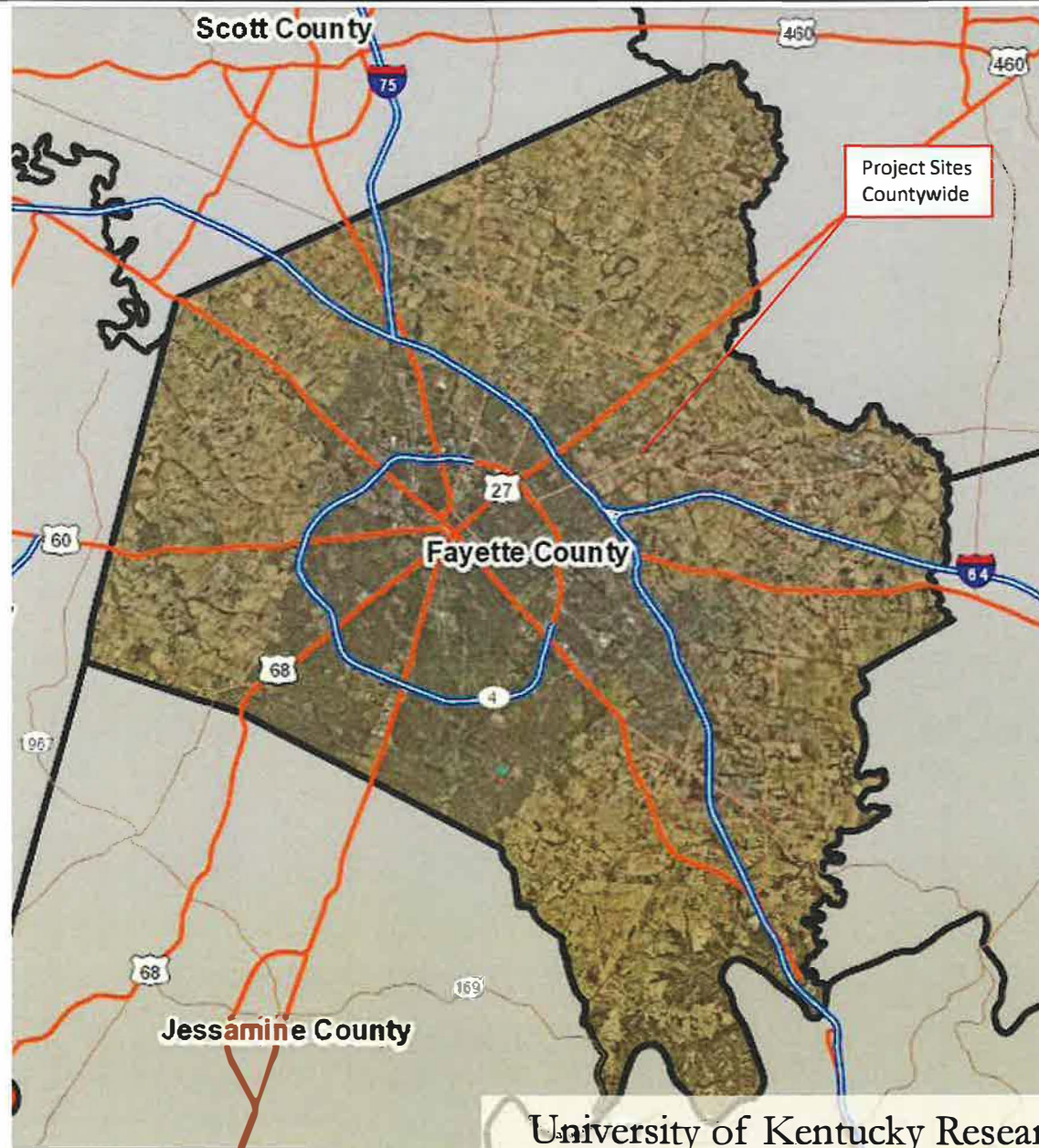
Any work performed on this project prior to grant award by the Urban County Council and Notice to Proceed from the LFUCG Grant Administrator is NOT an eligible expense and shall not be reimbursed or counted toward the cost share.

The Grant is a not-to-exceed amount, and any cost overruns are the responsibility of the Grantee. 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](http://www.bls.gov/oes/current/oes_ky.htm)).

TABLE 2 - ELIGIBLE EXPENSES

|    | Type of Expense                         | Participants                          | Item   | Unit Price           | Quantity | Funded by Organization | Funded by Grant | Total Expense |
|----|---|---------------------------------------|--|----------------------|----------|------------------------|-----------------|---------------|
| 1  | Personnel                               | Kenton Sena, Principal Investigator   | Project manager hours estimated as 5.56% annual effort during summer charged to sponsor, which equates to approximately 86.67 hours. The hourly rate includes fringe benefits. Please note that health insurance is not charged for summer effort. | \$ 50.37 per hour    | 86.68    |                        | \$ 4,366.00     | \$ 4,366.00   |
| 2  | Personnel                               | Kenton Sena, Principal Investigator   | Project manager hours estimated as 2% annual effort during academic year charged as cost share, which equates to approximately 31.20 hours. The hourly rate includes fringe benefits and health insurance pro-rated based on the effort.           | \$ 61.46 per hour    | 31.2     | \$ 1,918.00            | \$ -            | \$ 1,918.00   |
| 3  | Personnel                               | Moser                                 | Personnel hours estimated as 5% of annual salary, which equates to approximately 104 hours.  | \$ 39.11 per hour    | 104      | \$ -                   | \$ 4,068.00     | \$ 4,068.00   |
| 4  | Personnel                               | Undergraduate research assistant, TBN | Personnel hours at standard student rate   | \$ 16.245 per        | 400      | \$ -                   | \$ 6,498.00     | \$ 6,498.00   |
| 5  | Personnel                               | Undergraduate research assistant, TBN | Personnel hours at standard student rate   | \$ 16.245 per        | 310      | \$ 5,036.00            | \$ -            | \$ 5,036.00   |
| 6  | Travel                                  | Sena, Moser                           | Estimate includes registration, mileage, and lodging   | \$ 1,500.00 per trip | 1        | \$ -                   | \$ 1,500.00     | \$ 1,500.00   |
| 7  | Supplies                                | Sena, Moser, Undergraduate student(s) | Groundwater wells  | \$ 50.00 each        | 10       | \$ -                   | \$ 500.00       | \$ 500.00     |
| 8  | Supplies                                | Sena, Moser, Undergraduate student(s) | Filter packing material  | \$ 25.00 per bag     | 10       | \$ -                   | \$ 250.00       | \$ 250.00     |
| 9  | Supplies                                | Sena, Moser, Undergraduate student(s) | Locking well caps  | \$ 40.00 each        | 10       | \$ -                   | \$ 400.00       | \$ 400.00     |
| 10 | Supplies                                | Sena, Moser, Undergraduate student(s) | Water level loggers for tracking water depth in wells  | \$ 550.00 each       | 10       | \$ -                   | \$ 5,500.00     | \$ 5,500.00   |
| 11 | Supplies                                | Sena, Moser, Undergraduate student(s) | Barometric pressure logger for calibrating water level loggers   | \$ 500.00 each       | 1        | \$ -                   | \$ 500.00       | \$ 500.00     |
| 12 | Supplies                                | Sena, Moser, Undergraduate student(s) | Assembly for downloading data from loggers   | \$ 1,000.00 each     | 1        | \$ -                   | \$ 1,000.00     | \$ 1,000.00   |
| 13 | Supplies                                | Sena, Moser, Undergraduate student(s) | MiniDisk Infiltrometer   | \$ 500.00 each       | 2        | \$ -                   | \$ 1,000.00     | \$ 1,000.00   |
| 14 |   |                                       |  | 20% Direct Costs     |          | \$ -                   | \$ 5,116.00     | \$ 5,116.00   |
| 15 |   |                                       |  |                      |          |                        |                 | \$ -          |
| 16 | TOTAL PROJECT BUDGET:                   |                                       |  |                      |          | \$ 6,954.00            | \$ 30,698.00    | \$ 37,652.00  |
| 17 |   |                                       |  |                      |          | ORGANIZATION           | GRANT           |               |
| 18 | MATCH % AFTER FIRST \$3,000 = 20.00% OK |                                       |  |                      |          | SHARE                  | SHARE           |               |

## Stormwater Quality Projects Incentive Grant Program



University of Kentucky Research Foundation