

GRANT AWARD AGREEMENT

Fiscal Year 2016 Class B Infrastructure Incentive Grant Program

Feasibility Only Grant

THIS AGREEMENT, made and entered into on the 30th day of August, 2016, 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 BOARD OF EDUCATION OF FAYETTE COUNTY, KENTUCKY**, 701 East Main Street, Lexington, Kentucky 40502 (hereinafter "Grantee" and "Property Owner").

WITNESSETH:

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

WHEREAS, the Government has funds available through the Stormwater Quality Projects Incentive Grant Program to assist the 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) The Government hereby grants the Grantee the sum of **\$35,000.00** (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. The Grantee agrees to cost share the Grant with contributions, labor, and/or other services equal to or greater than 10% of the total project cost.
- (2) The Grantee agrees to use the Grant only for the activities set forth in Attachment A which includes analysis of stormwater control infrastructure at the following site location(s): **Various FCPS properties in Fayette County, including Ashland Elementary, Breckenridge Elementary, and the FCPS Bus Garage.**
- (3) The Grantee agrees to meet all design standards specified in the Government's Engineering Manuals 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 LFUCG.

- (4) The Grantee agrees to comply with all applicable local, state, and federal rules, regulations, ordinances, and laws in implementation of the project.
- (5) The Grantee agrees to obtain all necessary local, state, and federal permits, encroachments, permissions, approvals etc. in a timely manner and prior to start of construction.
- (6) The Grantee agrees to perform periodic reporting as detailed in Paragraph (7) herein below, and produce a Project Final Report within thirty (30) 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 grant expenditures. Other deliverables include the following:
 - (a) At the end of the Feasibility Phase (if applicable), the following five deliverables, sealed by a professional licensed to perform such work in accordance with Kentucky Revised Statutes (KRS), shall be provided:
 - Feasibility report evaluating the use of the potential BMP(s) on the proposed site;
 - Conceptual design concept;
 - Detailed cost estimate for design;
 - Conceptual cost estimate for construction;
 - Letter certifying all BMPs proposed for design as viable and feasible for the specific site and application.
 - ~~(b) At the end of the Design Phase or prior to the start of the Construction Phase, the following six deliverables, sealed by a professional licensed to perform such work in accordance with Kentucky Revised Statutes (KRS), shall be provided:
 - Set of all final design calculations;
 - Set of final construction plans, including traffic control, erosion and sediment control, grading plans, etc.;
 - Set of final specifications and bidding documents (if applicable);
 - Final detailed engineer's construction cost estimate including quantities;
 - All required permit submittals and approvals;
 - 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.(N/A to Feasibility Only Grants)~~
 - ~~(c) At the end of the Construction Phase, the following five deliverables shall be provided:
 - Summary of final construction costs and quantities;
 - Copies of all federal, state, and local permits 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;
 - Signed Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Stormwater Quality Projects Class B Incentive Grant.(N/A to Feasibility Only Grants)~~
- (7) The Grant to the Grantee shall be disbursed in the following manner:
 - (a) The Grantee shall submit at least once every three (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 expend-

- ed 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. Copies of invoices, purchase orders, or receipts showing vendor, date, amount, and items purchased or ordered shall be provided with the Request for Funds. For project specific personnel costs and stipends, documentation of all billed hours shall include copies of employee timesheets, hourly payroll rate, and description of work performed for hours billed.
- (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 (e.g. calculations, preliminary plans, etc.) completed to date. For educational events (if applicable), copies of the class rosters or sign-in sheets documenting the number of attendees shall be provided.
 - (c) 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 within 15 calendar days of receipt and then forward it to the Division of Accounting for payment.
 - (d) 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 or, if acceptable, forward approval within 15 calendar days of receipt 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 Grantee, 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 (20) herein below.
- (8) 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 (20) herein below.
 - (9) The Grantee agrees to complete the project phase(s) (i.e. Feasibility) outlined herein within 15 months from the date of this Agreement. The Grantee shall obtain written approval from the Government's Grant Manager or Program Administrator for any time extensions beyond the schedule. Failure to obtain written approval prior to making changes may lead to termination of the Agreement for cause pursuant to Paragraph (20) herein below.
 - (10) This Agreement may not be modified except by written agreement of the Government and the Grantee.
 - (11) The Grantee understands that **the Grant amount 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.

- (12) 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 notify the Government's Grant Manager and Program Administrator immediately. Failure to notify the Government and resolve any such matters to the satisfaction of the Government may lead to termination of the Agreement for cause pursuant to Paragraph (20) herein below.
- (13) ~~The Grantee agrees to allow the Government access to its property to perform monitoring of the project elements for compliance with this Agreement, as provided in the "Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Stormwater Quality Projects Class B Incentive Grant" (Attachment B). (N/A to Feasibility Only Grants)~~
- (14) In any advertisement of the project funded by the Grant, whether 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.
- (15) The Grantee agrees to allow the Government to publicize the Grantee's project through the Government's website and other media.
- (16) 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.
- (17) ~~The Grantee and Property Owner agree that all stormwater control facilities, including equipment and infrastructure, constructed and funded by a Construction Grant through the Stormwater Quality Projects Incentive Grant Program shall remain in service and maintained by the Grantee or its representatives following the Inspection, Operation, and Maintenance Plan developed for each facility referenced in (6b) above. The Property Owner further accepts and agrees to enter into the "Agreement to Maintain Stormwater Control Facilities Funded by an LFUCG Stormwater Quality Projects Class B Incentive Grant" attached hereto as Attachment B and which is incorporated herein by reference as if fully set out herein. (N/A to Feasibility Only Grants)~~
- (18) ~~The Grantee and Property Owner agree that all stormwater control facilities, including equipment and infrastructure, constructed and funded by this Grant shall remain the property of the current Property Owner, or his successors and assigns, unless otherwise specified in Attachments A and B. (N/A to Feasibility Only Grants)~~
- (19) ~~The Grantee and Property Owner understand that if any of the Grant funded facilities not owned by the Government are removed from service, the property owner of record at the time of removal shall be liable to reimburse the Government for 100% of the Remaining Value of the facility or portion removed, based upon the depreciation schedule provided in Attachment B. (N/A to Feasibility Only Grants)~~

- (20) 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 ~~or Property Owner~~ 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.
- (21) The Grantee shall provide equal opportunity in employment as required by applicable federal, state, and local laws, regulations, and ordinances.
- (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.
- (24) The Government assumes no responsibility whatsoever in the Grantee's project activities. Grantee ~~and Property Owner~~ shall, to the extent allowed by 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 Property Owner'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.

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

LEXINGTON-FAYETTE URBAN COUNTY
GOVERNMENT

BY: *Jim Gray*
JIM GRAY, MAYOR

ATTEST:
[Signature]
CLERK, URBAN COUNTY COUNCIL

Grantee Organization: THE BOARD OF EDUCATION OF FAYETTE
COUNTY, KENTUCKY

701 EAST MAIN STREET
LEXINGTON, KENTUCKY 40502

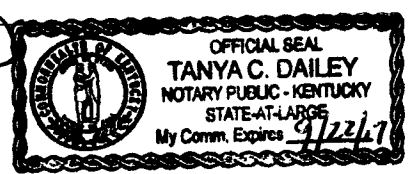
BY: *[Signature]*
NAME: Emmanuel Caulk
TITLE: Superintendent

EMC 7/10/16

The foregoing Agreement was subscribed, sworn to and acknowledged before me by
Emmanuel Caulk, as the duly authorized representative for
and on behalf of FCPS, on this the 18th day of July, 2016

My commission expires: 9/22/17

Tanya C. Dailey
NOTARY PUBLIC



ATTACHMENT A
to the GRANT AWARD AGREEMENT between
Lexington-Fayette Urban County Government (LFUCG)
and Fayette County Public Schools (FCPS)

GRANT PROGRAM **FY2016 Stormwater Quality Projects Incentive Grant Program**
Class B Infrastructure Project [FEASIBILITY ONLY Grant]

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

PROJECT TEAM AND CONTACT INFORMATION

Grantee Organization The Board of Education of Fayette County, Kentucky
And Property Owner: 701 East Main Street
 Lexington, KY 40502

Project Site Location: Various FCPS Facilities

Primary Project Contact: Jeff Harris
 859-338-3828
 jeff.harris@fayette.kyschools.us

Secondary Project Contact Eric L. Dawalt, P.E.
and Project Manager: Ridgewater, LLC
 908 Woodglen Court
 Lexington, KY 40515
 edawaltrw@gmail.com

Design Engineering Firm(s): Stantec Consulting Services
 1409 N. Forbes Road
 Lexington, KY 40511
 859-433-3000 (phone)
 Bret Lavey, PE – Project Manager
 bret.lavey@stantec.com (email)
 (Project Management, Engineering)

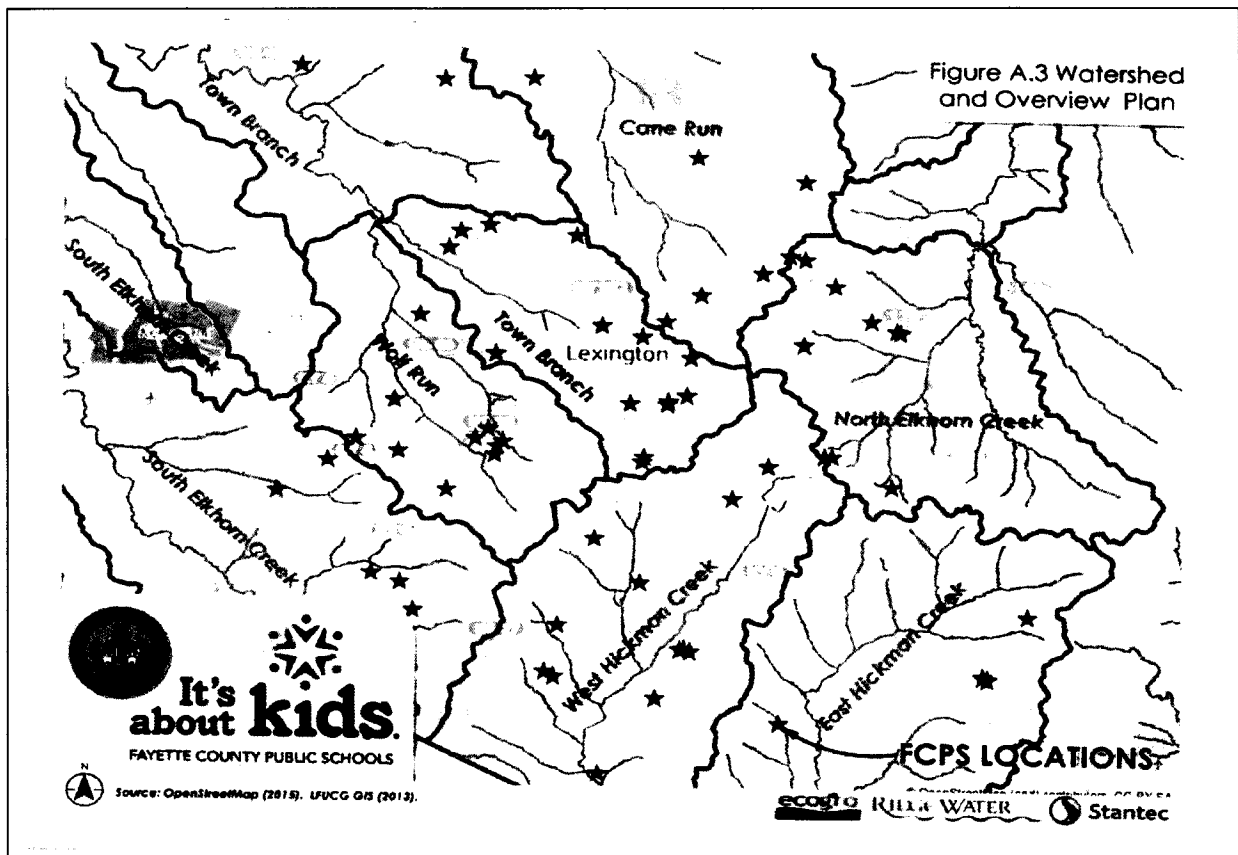
Project Collaborators: UK Department of Biosystems and Agricultural Engineering (UK
 BAE), UK College of Agriculture, Cane Run Watershed Council,
 EcoGro, Ridgewater, and Stantec

PROJECT PLAN ELEMENTS

This grant is for a Feasibility Study to evaluate opportunities to implement stormwater Best Management Practices (BMPs) for multiple watersheds in Fayette County as shown in Figure 1. **WATERSHED AND OVERVIEW PLAN.** The project/feasibility study areas are all FCPS properties (54 schools and 12 additional facilities), which contributes approximately 270 acres of impervious area to watersheds in Fayette County.

The project's purpose is improve water quality in the Cane Run, East Hickman, North Elkhorn, South Elkhorn, Town Branch, West Hickman, and Wolf Run watersheds by filtering the stormwater water quality volume (WQV) from the building parking lots, roads, and other urbanized impervious areas. Many have been identified as sources of organic enrichment (sewage), nutrients, fecal coliforms, and silt/sediment. It will also look for ways to reduce the volume of stormwater runoff by removing/retrofitting impervious surfaces to retain, infiltrate, and reduce stormwater runoff velocities. By assessing outreach opportunities the study is capable of providing stormwater education for over 40,000 students within the 35 elementary, 12 middle, and 5 high schools, as well as 3 technical centers operated by FCPS.

FIGURE 1 - PROJECT AREA (WATERSHED AND OVERVIEW PLAN)



Project Elements include:

1) EVALUATE THE APPLICABILITY OF THE FOLLOWING THREE GENERAL STORMWATER BMPs AT VARIOUS FCPS LOCATIONS:

- a) **Bio-Retention System:** feasibility of water quality and quantity control. Bio-retention cells (including bioswales, rain gardens, wetlands, or other detention/retention structures) capable of detaining and filtering the Water Quality Volume (WQV) origination from impervious areas at selected FCPS facilities. Figures 2 - 4 shows three of the selected project areas and lists the potential BMP's and corresponding statistics.
- b) **Stream Restoration:** feasibility of water quality and quantity control. Assess possible areas capable of providing in-stream detention of the 100-year, 24-hour runoff volume. Secondary stream restoration goals include riparian planting zones, habitat construction, and public walking paths.
- c) **Impervious Area Removal:** feasibility of water quality and quantity control. Evaluate potential areas for a combined removal or retrofitting of at least 15,000 square feet of impervious surfaces. FCPS properties (54 schools and 12 other facilities) contribute approximately 270 acres of impervious area to watersheds in Fayette County. Reduction will reduce peak stormwater runoff velocities originating from FCPS areas and prevent erosion of watersheds located downstream.
- d) **Educational Signage:** design of an educational/interpretive sign panel to be installed adjacent to various BMPs, if applicable.

2) FINAL FEASIBILITY REPORT

The results of the Feasibility Study will be presented in a final report that will include:

- a. A list of BMP's that are determined to be effective and suitable for installation at the Fayette County Public Schools (FCPS). They will be prioritized for implementation according to input from project collaborators, at a minimum.
- b. A Stormwater BMP Master Plan of the Fayette County Public Schools (FCPS) will show proposed BMP locations, the area draining to the BMP that will be treated, and its discharge location.
- c. Design and construction cost estimates.
- d. The estimated pollutant removal effectiveness of the BMP.
- e. Special design and construction conditions such as necessary permit, etc.; and land acquisition costs.
- f. Letter certifying all BMPs proposed for design are viable and feasible for the specific site and application.

3) PUBLIC EDUCATION

The public education component of the grant should at a minimum include the following:

- a. Collaboration with watershed watch groups (Friends of Wolf Run, Cane Run Watershed Council, etc.), this project looks to provide stormwater educational programs and activities to over 40,000 students within the 35 elementary, 12 middle, and 5 high schools, as well as 3 technical centers operated by FCPS.
- b. Self-guided walking tours of FCPS stormwater BMPs.

REPORTING REQUIREMENTS

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

1) PERMISSIONS

- a. The Organization shall provide written authorizations for private property access (including LFUCG Parks) to the LFUCG Grant Manager prior to work on any area for which they are required.
- b. Grantor shall be provided a minimum of three (3) hard copies of the Final Feasibility Report along with a digital copy.

ADDITIONAL GRANT STIPULATIONS

Note the following additional stipulations related to this project:

NONE

EQUIPMENT

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

PERMANENT CAPITAL INFRASTRUCTURE

Does not apply to this grant. Attachment B is not required for 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 - PROJECT SCHEDULE

Activity	Start Date	End Date
Notice to Proceed	March 15, 2016	
Kickoff Meeting	April 1, 2016	
Conceptual Design and Cost/Benefit Analyses	May 1, 2016	March 15, 2016
Feasibility Study Report		May 15, 2016

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 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 with the following exception:

- None

The Grant budget is broken into the following components:

Feasibility Phase:	\$ 35,000.00	Total Grant Amount
	<u>\$ 3,920.00</u>	Proposed Cost Share to be Provided
	\$ 38,920.00	Total Project Budget

This grant requires a minimum cost share of 10% of Total Project Cost. The organization proposed a larger cost share beyond that required by the grant program. Budget shall reflect the cost share totaling \$3,920.00, the percentage offered in the original grant application.

Additional detail is provided in Table 2.

TABLE 2 - PROJECT ELIGIBLE EXPENSES

	Item	Description	Unit Price	Quantity	Grant Funded	Organization Funded	Total
2	Feasibility Study	Various	Feasibility Study components (Grant Funded)	\$ 35,000.00	Lump Sum	1.0	\$ - \$ 35,000.00 \$ 35,000.00
3	Feasibility Study	Various	Feasibility Study components (Organization Funded)	\$ 3,920.00	Lump Sum	1.0	\$ 3,920.00 \$ - \$ 3,920.00
4							
6	TOTAL PROJECT BUDGET						
7							
8							

FIGURE 2 - PROJECT AREA AT ASHLAND ELEMENTARY

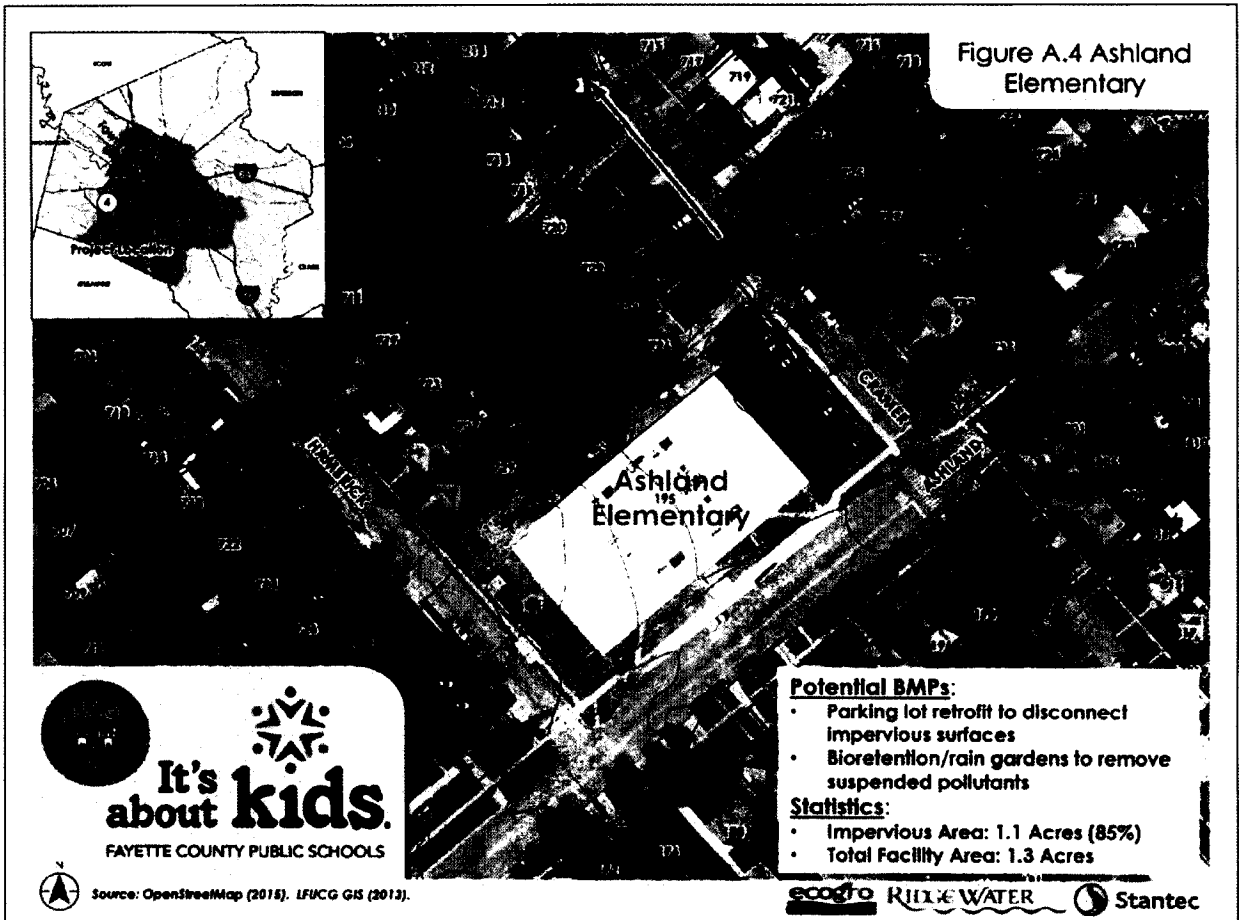


FIGURE 3 - PROJECT AREA AT BRECKENRIDGE ELEMENTARY

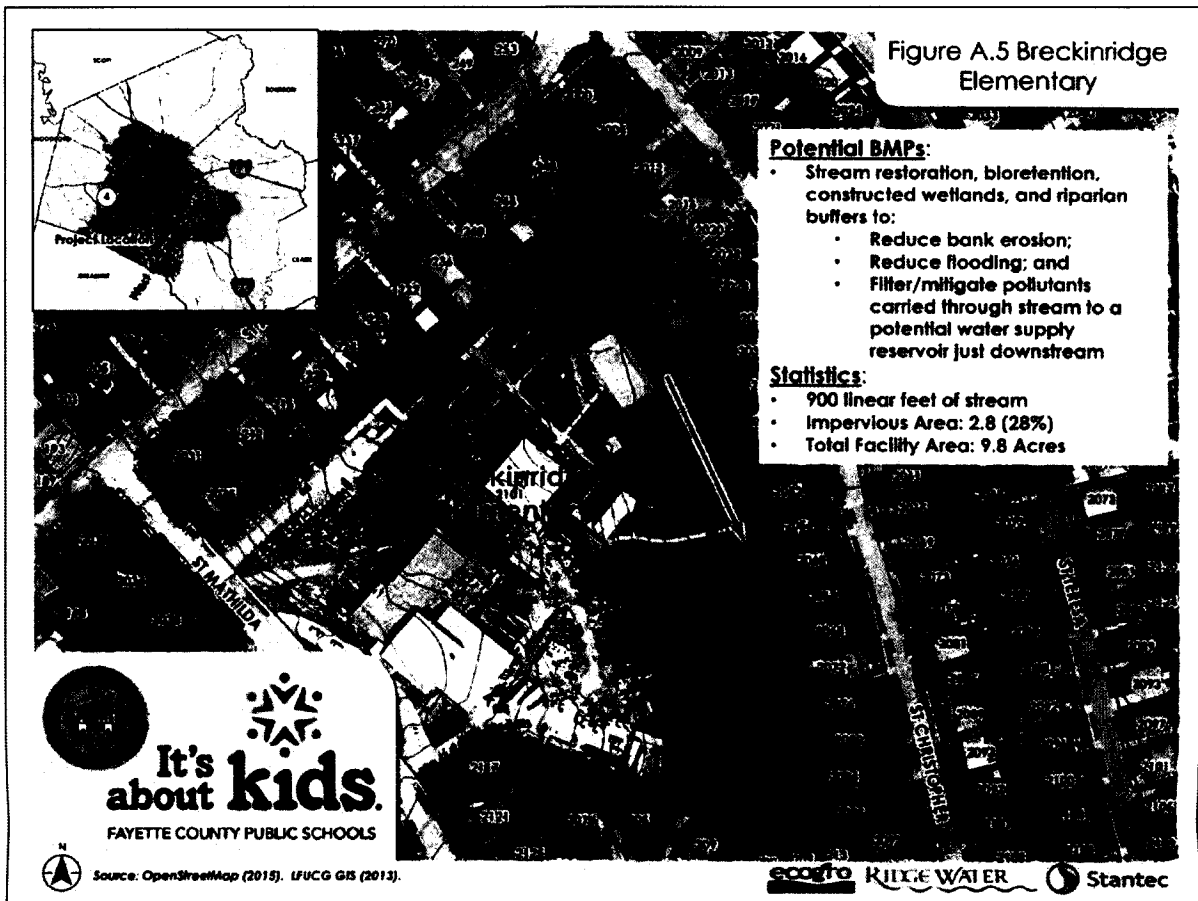
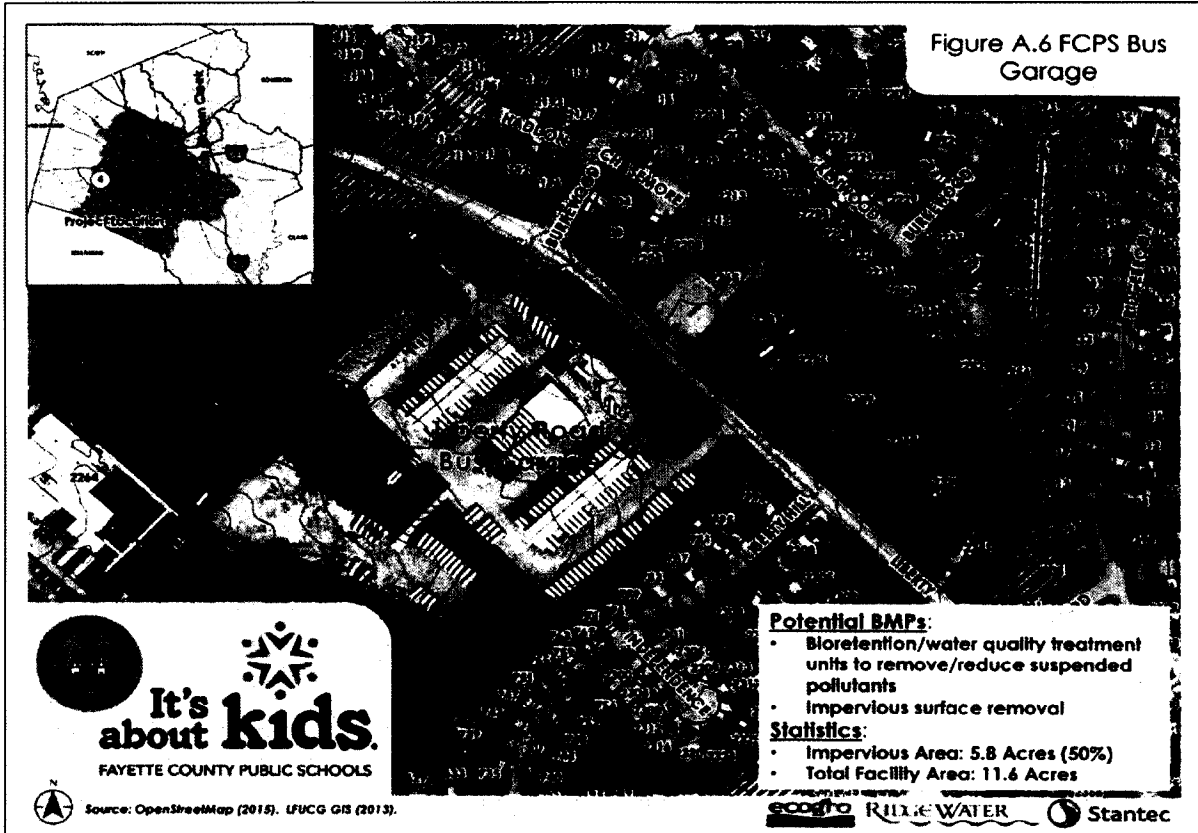
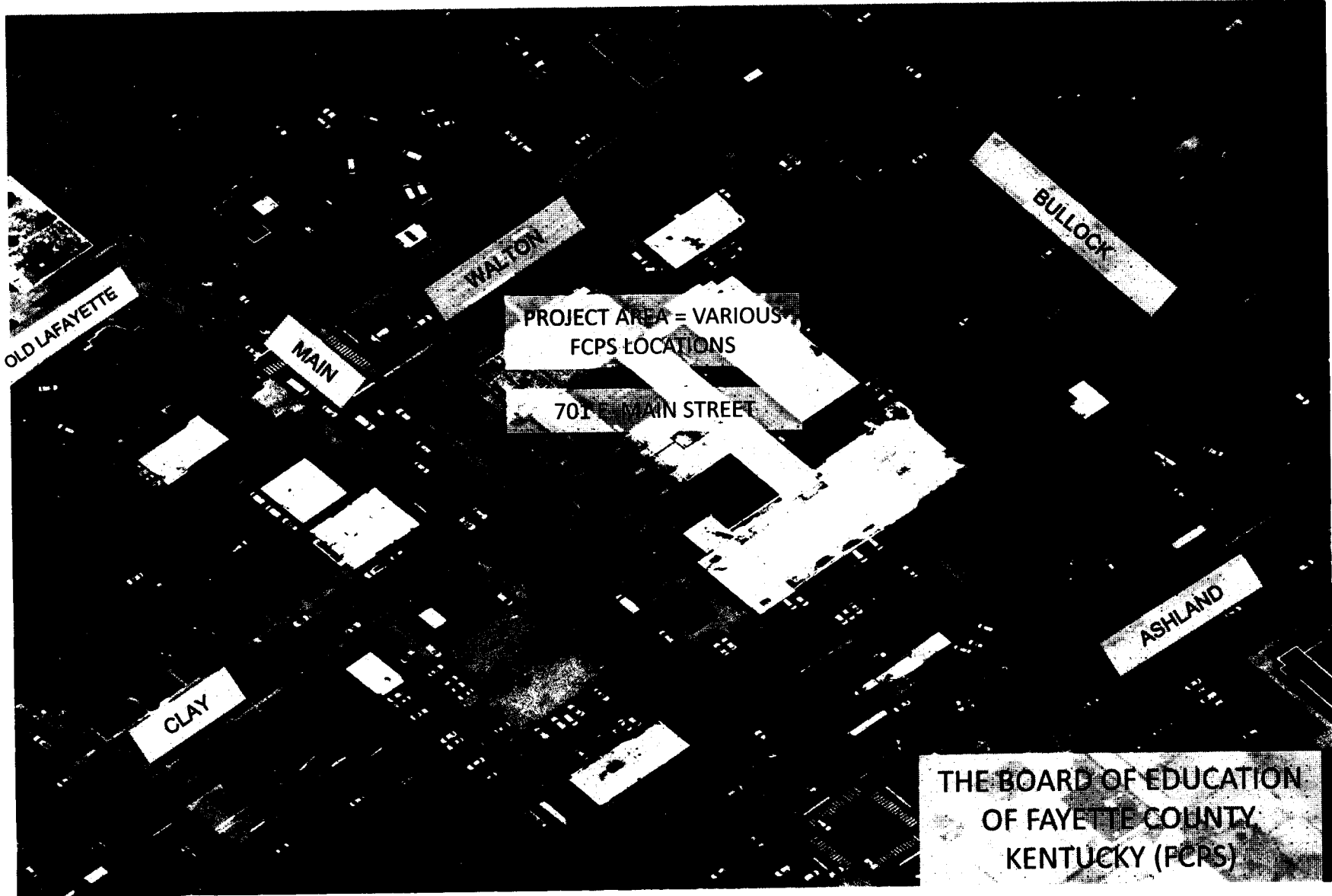


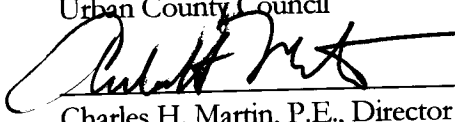
FIGURE 4 - PROJECT AREA AT THE FCPS BUS GARAGE



Stormwater Quality Projects Incentive Grant Program





TO: Mayor Jim Gray
Urban County Council
FROM: 
Charles H. Martin, P.E., Director
Division of Water Quality

DATE: August 2, 2016

SUBJECT: Requesting authorization to execute an agreement awarding a FY16 Class B (Infrastructure) Stormwater Quality Projects Incentive Grant to Fayette County Public Schools (FCPS).

Request

The purpose of this memorandum is to request authorization to execute an agreement awarding a Class B (Infrastructure) Stormwater Quality Projects Incentive Grant to Fayette County Public Schools (FCPS) for a Feasibility Study improving water quality, at a total cost not to exceed \$35,000.00.

Purpose of Request

This grant is for a Feasibility Study to evaluate opportunities to implement stormwater Best Management Practices (BMPs) for multiple watersheds in Fayette County. The projects purpose is to improve water quality in the Cane Run, East Hickman, North Elkhorn, South Elkhorn, Town Branch, West Hickman, and Wolf Run watersheds. By assessing outreach opportunities the study is capable of providing stormwater education for over 40,000 Fayette County students.

Project Cost in FY16 and in Future Budget Years

The grant has been approved by the Water Quality Fees Board in the amount of \$35,000.00 and is anticipated to be fully spent by FY17.

Are Funds Budgeted

Funds are budgeted in: 4052 - 303204 - 3373 - 78112 - WQINCENTIVE_16 - WQ_GRANT

Martin/Hoskins-Squier

