



COMMONWEALTH OF KENTUCKY
CLEAN WATER STATE REVOLVING FUND
APPLICATION FOR FINANCIAL ASSISTANCE
FOR KIA LOAN NUMBER **A21-012**
FISCAL YEAR 2021 - FUND A



An Equal Opportunity Employer M/F/D

PROJECT INFORMATION

Project Title: **LFUCG - Overbrook Pump Station and Force Main**
 WRIS PNum: **SX21067060** Requested Amount: **\$19,173,000** Invited Amount: **\$9,586,500**
 Primary County: **Fayette** ECH SAI: ECH Status:
 Primary System: **KY0021504 - LFUCG - West Hickman**

Project Description: **Project includes the design and construction of the Overbrook Pump Station (PS) and Force Main (FM). The PS will have a firm capacity of 29.5 mgd and a 7,500 LF 42-inch FM will convey flows into one of the two influent interceptor sewers to the West Hickman Wastewater Treatment Plant. This project also provides sanitary sewer service to approximately 1,000 undeveloped acres within Expansion Area 1.**

Armstrong Mill PS - In the project scenario illustrated by the overall Overbrook system map (may be provided on request), Armstrong Mill would drain to the proposed Delong PS, which in turn pumps/drains to the proposed Overbrook Trunk and proposed Overbrook PS/FM.

Preservation of trees are incorporated into the alignment and construction of this project. An arborist will assess and identify trees that are considered specimen trees to be preserved as a part of this project. The plans and specifications will also include special provisions for the protection of existing trees to the maximum extent practicable. Design standards, including the use of riparian buffers, are incorporated into the alignment and construction of this project.

This project will provide energy efficiencies for LFUCG by providing the means to eliminate four (4) existing pump stations in this drainage basin while consolidating flows into one (1) new 29.5 mgd pump station.

This project has to be built prior to taking four (4) SSO pump stations out of service. These SSOs are listed in LFUCG's consent decree and the elimination is contingent on this project. The pump stations being eliminated are:

- Hartland 1 Pump Station
- Hartland 2 Pump Station
- Hartland 3 Pump Station
- Armstrong Mill Pump Station

Project proposed in LFUCG's Remedial Measures Plan, submitted to USEPA on April 13, 2012.

Need For Project: **Existing upstream sanitary sewers and pump stations lack sufficient capacity to meet LFUCG's EPA mandated Capacity Assurance Program (CAP). This project is proposed in LFUCG's Remedial Measures Plan (RMP), submitted to USEPA on April 13, 2012 and approved on March 18, 2016.**

The Overbrook PS and FM are the bottom of the hill and thus need to be constructed before any trunks are extended to eliminate existing pump stations. 2.

This project is necessary to achieve full or partial compliance with a court order, agreed order, or a judicial or administrative consent decree: **Yes**
 Agreed Order: **5:06-cv-386**

PROJECT SCHEDULE	PRIMARY UTILITY DEMOGRAPHICS
Estimated Environmental Review Status:	Primary Utility is PSC Regulated: No
Plans/Specs Submitted to DOW:	Serviceable Population: 286,776
Estimated Bid Date: 08/11/2020	Serviceable Households: 131,293
Estimated Constructed Start Date: 11/02/2020	Median Household Income (MHI): \$54,952
Estimated Construction Completion Date: 12/30/2022	MHI Margin of Error: \$1,115

LEGAL APPLICANT

Entity Name: **Lexington-Fayette Urban County Government**
 Entity Type: **Incorporated City**
 Address Line 1: **200 E Main St**
 Address Line 2:
 City, State Zip **Lexington, KY 40507** Office Phone: **859-425-2255**

Office Contact Name: Abigail Allan	Authorized Official Linda Gorton
Office Contact Title: City Clerk	Auth. Official Title: Mayor
Office Contact Phone: 859-258-3241	Auth. Official Phone: 859-258-3100
Office Contact Email: aallan@lexingtonky.gov	Auth Official Email: mayor@lexingtonky.gov

PRIMARY SYSTEM

Entity Name: **LFUCG - West Hickman**
 Entity Type: **Incorporated City**
 Address Line 1: **200 E Main St**
 Address Line 2:
 City, State, Zip: **Lexington, KY 40507** Office Phone: **859-425-2255**

Office Contact Name: Abigail Allan	Authorized Official Linda Gorton
Office Contact Title: City Clerk	Auth. Official Title: Mayor
Office Contact Phone: 859-258-3241	Auth. Official Phone: 859-258-3100
Office Contact Email: aallan@lexingtonky.gov	Auth Official Email: mayor@lexingtonky.gov

PROJECT ADMINISTRATOR

Name: **Robert Peterson**
 Title: **Rmp Program Manager**
 Organization: **Lexington Fayette Urban County Government**
 Address Line 1: **1200 Kentucky Ave**
 Address Line 2:
 City, State Zip **Lexington, KY 40507**
 Phone: **859-425-2468**
 Email: **rpeterson@lexingtonky.gov**

APPLICANT PROJECT CONTACT

Name: **Charles H Martin**
 Title: **Director of Water Quality**
 Organization: **Lexington Fayette Urban County Government**
 Address Line 1: **125 Lisle Industrial Avenue**
 Address Line 2: **Suite 180**
 City, State Zip **Lexington, KY 40511**
 Phone: **859-425-2400**
 Email: **chmartin@lexingtonky.gov**

PROJECT ENGINEER

Name: **Kurt Anton Zehnder**
 KYBOELS License No.: **26127**
 Address Line 1: **Ste 520**
 Address Line 2: **230 Lexington Green Cir**
 Address Line 3:
 City, State Zip: **Lexington, KY 40503**
 Phone: **859-219-1126**
 Email: **kzehnder@hazenandsawyer.com**

Firm Name: **Hazen and Sawyer, P.S.C.**
 KYBOELS Firm Permit: **2263**
 Address Line 1: **498 Seventh Avenue, 11th Floor**
 Address Line 2:
 Address Line 3:
 City, State Zip: **New York, NY 10018**
 Phone: **212-777-8400**
 Firm Email: **wcrayon@hazenandsawyer.com**

PRIMARY SYSTEM CUSTOMER INFORMATION

EXISTING CUSTOMERS

Residential: **106,033**
 Commercial: **8,417**
 Institutional: **522**
 Industrial: **21**

CUSTOMERS ADDED BY PROJECT

Residential: **9,513**
 Commercial:
 Institutional:
 Industrial:

Date of last Rate Adjustment: **07/01/2019**

Customer Cost for 4,000 gallons of treated water: Inside Utility: **\$29.97**, Outside Utility:

KISOP INTERCONNECTS

This system treats wastewater from the following KISOP customers:

Sender DOW Permit ID	Sender Name	Ann. Vol. (MG)	Serviceable Population	Serviceable Households
KYP000072	Jessamine South Elkhorn Water District	65.482	1,667	741
	Totals	65.482	1,667	741

- MG = Million Gallons

- KISOP = Kentucky Inter-System Operating Permit

PROJECT BUDGET

Project Cost Categories		Construction Cost Categories	
Cost Category	Amount	Cost Category	Amount
Administrative Expenses:	\$30,000	WWTP Secondary Portion:	
Legal Expenses:	\$250,000	WWTP Advanced Portion:	

Land, Appraisals, Easements:	\$1,000,000	Inflow & Infiltration Correction:	
Relocation Expenses & Payments:		Major Sewer Rehabilitation:	
Planning:	\$200,000	Collector Sewers:	
Engineering Fees - Design:	\$1,100,000	Interceptor Sewers, Including Pump Stations	\$14,250,000
Engineering Fees - Construction:	\$200,000	Combined Sewer Overflow Correction:	
Engineering Fees - Inspection:	\$300,000	NPS Urban:	
Engineering Fees - Other:	\$100,000	Non-Categorized Cost:	
Construction:	\$14,250,000	Total Construction Cost:	\$14,250,000
Equipment:			
Miscellaneous:			
Contingencies:	\$1,743,000		
Total Project Cost:	\$19,173,000		

PROJECT FUNDING SOURCES					
Funding Source	Loan or Grant ID	Fiscal Year	Amount	Status	Applicable Date
KIA SRF Fund A Loan (CW)	A21-012	2021	\$9,586,500	Accepted	6/16/2020
Total Committed					

AUDIT DOCUMENTS ON FILE					
Audit Year	Role	Audited Entity Name	Relationship	Audit to KIA Due Date	Audit on File
2019	Legal Applicant	Not Available	Not Available	Dec 30, 2019	Not Available
2018	Legal Applicant	Lexington-Fayette Urban County Government	Parent	Dec 30, 2018	Available
2017	Legal Applicant	Lexington-Fayette Urban County Government	Parent	Dec 30, 2017	Available

The following additional documents are required for submission of this application:

Copies of each of the last three annual Audit Reports/Financial Statements.

Prior, Current and Proposed (if applicable) Sewer and Water Rate Ordinances.

Current letter from the State e-Clearinghouse.

Signature Certification Form ([download form](#))

Supplemental Application Information Form ([download form](#))

Matrix Budget Form ([download form](#))

Authorizing Resolution of Legal Applicant ([download form](#)).

Title VI Compliance Report (EPA form 4700-4) ([download form](#)).

Debarment Certification ([download form](#)).

Engineering Procurement Certification ([download form](#)).

CWSRF Assurances ([download form](#)).

Copy of Engineering Contract if the SRF loan will be used to reimburse engineering fees.

Copy of service agreement(s), if applicable (*project serves more than one community or is being served by another community*).

Letters of commitment for all other funding sources.