MEMORANDUM OF UNDERSTANDING FOR

Participation in the KY COAST Pilot Project (Centers Of Activity Sequencing and Testing)

This Memorandum of Understanding (MOU) by and between **Lexington-Fayette Urban County Government ("LFUCG")** and the **University of Louisville Research Foundation, Inc. ("ULRF"),** a Kentucky 501(c)(3) nonprofit corporation as the agent of the **University of Louisville ("UofL")** for receiving grants and research documents from external funding sources and which owns and controls intellectual property on behalf of UofL, located at 300 East Market Street, Suite 300, Louisville, KY 40202-1959 (collectively "Institute"), by and through its Christina Lee Brown Envirome Institute (hereinafter **"Envirome")** is made and effective as of the date of the last signature below.

WITNESSETH

WHEREAS, LFUCG and Institute (hereinafter collectively the "Parties" or individually the "Party") wish to collaborate in connection with the Kentucky Wastewater Surveillance System ("KYWSS"); and,

WHEREAS, the Parties desire to establish an agreement for collecting wastewater influent samples for respiratory pathogen detection by droplet PCR (dPCR), as more particularly described in the attached Exhibit A Work Program; and,

WHEREAS, the Parties wish to set forth their respective rights and duties with regard to the Project in this memorandum of understanding (hereinafter "MOU"); and

NOW THEREFORE, the Parties agree as follows:

1. Scope of Collaboration. The LFUCG will conduct twice weekly 24-hour composite wastewater influent sampling for respiratory pathogen surveillance in accordance with Exhibit A. Envirome will work with LFUCG to collect data necessary for interpretation of results, analyze collected influent samples for respiratory viruses, establish trend classifications, and report results to the KWSS, as detailed in Exhibit A.

2. Term. This MOU shall be effective for one (1) year from the date of the last signature below and may be renewed annually upon written agreement of the Parties.

3. Termination. Either Party may terminate this MOU upon thirty (30) days' written notice to the other Party outlining the reasons for termination, or immediately for cause.

4. Conflict of Interest. The Parties certify, by the signature of their duly authorized representatives on this MOU, that they are legally entitled to enter into this MOU, and that they shall not be violating, either directly or indirectly, any conflict of interest statute of the Commonwealth of Kentucky by the performance of this agreement.

5. Entire Agreement. This MOU is the entire agreement and understanding of the Parties with respect to the subject matter set forth herein and this MOU supersedes any and all prior and contemporaneous oral or written agreements and understandings between the Parties relative thereto. No representation, promise, inducement, or statement of intention has been made by the Parties which is not included in this MOU.

6. Amendment; Modification; Assignment. This MOU cannot be amended, modified, or supplemented in any respect except by a subsequent written instrument duly executed by the Parties hereto. No Party shall assign its respective rights or obligations under this MOU without the prior written consent of the other Party.

7. Notices. All notices shall be deemed to have been fully given to the designated Party when reduced to writing and sent by registered U.S. mail, hand delivered, or emailed to the addresses as follows:

To LFUCG:
ATTN: Matthew Chancellor
Address: 301 Jimmie Campbell Drive, Lexington KY 40504
(Town Branch Wastewater Plant)
Email: mchancellor@lexingtonky.gov
Phone: 859-425-2414

To University of Louisville Research Foundation, Inc.:
300 East Market Street, Suite 300
Louisville, KY 40202-1959
Attn: Director, OSPA

With a copy to:
ospa@louisville.edu
counsel@louisville.edu
Office of University Counsel
206 Grawemeyer Hall
Louisville, KY 40292

8. Personal Information. LFUCG and Institute agree that this MOU does not require Institute to collect and provide Personal Information to LFUCG as defined by and in accordance with Kentucky's Personal Information Security and Breach Investigation Procedures and Practices Act, KRS 61.931-61.934.

APPROVED

Facility Name: Lexington-Fayette Urban County Government

Address: 200 E Main Street

Name: Linda Gorton

Title: Mayor

Signature: _____

Date: _____

University of Louisville Research Foundation, Inc.

300 East Market Street, Suite 300

Louisville, Kentucky 40202

Name: Brennan Cox

Title: Director

Signature: _____

Date: 08/05/2026

While not a party to this Agreement, the Project Manager has read, understands, and agrees to abide by its terms and conditions applicable to the Investigator as the individual designated by ULRF to receive Confidential Information.

Name of Project Manager Theodore Smith
Theodore Smith (Aug 5, 2026 08:50:42 EDT)
Name: Theofore Smith
Title: Professor
Date: 08/05/2026

Office of University Council: Thomas Hoy
Thomas Hoy (Aug 4, 2026 09:52:11 EDT)

EXHIBIT A
WORK PROGRAM

I. CONTACT INFORMATION

A. Envirome Institute Contact
Name: Ted Smith
Email Address: Ted.Smith@louisville.edu
Physical Address: 302 East Muhammad Ali Blvd, Louisville, KY 40202

B. LFUCG Contact Name:
Matthew Chancellor
Email Address: mchancellor@lexingtonky.gov
Physical Address: 301 Jimmie Campbell Drive, Lexington KY 40504
Phone: 859-425-2414

II. **OBJECTIVES**

1. Establish an agreement for collecting wastewater influent samples for respiratory pathogen detection by droplet PCR (dPCR) and genetic sequencing as necessary.
2. Support interpretation of wastewater surveillance findings by collecting operational and contextual information needed to characterize the samples and associated trends.

III. **ENVIROME RESPONSIBILITIES**

1. Collaborate with the LFUCG to obtain data necessary for interpretation of results, including but not limited to flow rates, population served, sewershed boundaries, etc.
2. Provide Standard Operating Procedures and supplies for sample collection and shipping.
3. Coordinate FedEx Priority pick up service for collected samples.
4. Provide pre-paid shipping labels to transport samples from the LFUCG to the UofL laboratory.
5. Analyze samples for respiratory viruses, SARS-CoV-2, influenza A and B, respiratory syncytial virus (RSV), and measles.
6. Discard unused sample material after analysis.
7. Provide technical assistance to LFUCGs and local public health agencies to interpret the data.
8. Report analysis results to the Kentucky Wastewater Surveillance System (KYWSS).

IV. LFUCG RESPONSIBILITIES

1. Provide information necessary for interpretation of results, including but not limited to flow rates, population served, sewershed boundaries, etc.
2. Collect 24-hour composite, influent (before treatment) samples of raw wastewater following the Standard Operating Procedures provided on Mondays and Wednesdays from May 2026 through May 2027.
3. Provide documentation of sample collection on provided Chain of Custody Forms, including sample numbers, dates, temperature, observations, flow rate, and signatures.
4. Prepare samples for transportation according to the Standard Operating Procedure provided on Mondays and Wednesdays.