

BY: JOHN B. SHEPHERD

Michael Thomas, CPA
Director of Finance

Clerk of Council of the City of Rocky River, Ohio

City of Rocky River } ss
County of Cuyahoga }

THE UNDERSIGNED CLERK OF THE COUNCIL OF THE CITY OF
ROCKY RIVER, OHIO DOES HEREBY CERTIFY THAT THE
FOREGOING IS A TRUE AND CORRECT COPY OF ORDINANCE
NO. 37-22 ADOPTED BY THE COUNCIL OF SAID CITY
ON THE 11th DAY OF July, 2022 THAT THE
PUBLICATION OF SUCH ORDINANCE HAS BEEN MADE AND
CERTIFIED OF RECORD ACCORDING TO LAW, THAT NO
PROCEEDINGS LOOKING TO A REFERENDUM UPON SUCH
ORDINANCE HAVE BEEN TAKEN; THAT SUCH ORDINANCE AND
THE CERTIFICATE OF PUBLICATION THEREOF, ARE OF RECORD
IN ORDINANCE RECORD NO. 37-22

IN WITNESS WHEREOF, I HAVE HEREUNTO SUBSCRIBED
MY NAME AND AFFIXED MY OFFICIAL SEAL THIS 11th DAY OF
July, 2022

Aaron G. Boege
CLERK OF COUNCIL OF THE CITY OF ROCKY RIVER, OHIO

Rocky River Private Property Dye Testing Lakeview/Hampton Roads Area Approach and Cost Estimate

Background- AECOM's work on the Sewershed 12 model update verified that this area is still contributing high amounts of inflow and infiltration (I/I) despite public property sewer rehabilitation. The City conducted a pilot private property dye testing on Hampton Road with the intent to understand how to remediate I/I sources on private property. The next step is in progress to rehabilitate those properties identified and the City is moving forward. However, additional I/I needs to be removed in the Lakeview/Hampton Roads area. This proposed approach discusses the tasks and costs for this study area.

Public Relations- AECOM will lead and support the City with public relations for the project. This includes hosting a public meeting with the residents in the study area, developing a mailer and door hanger prior to testing. This also includes a workshop with the City after the testing is complete to discuss the findings and next steps toward rehabilitation.

Flow Monitoring- Flow monitoring consists of installing of two flow meters to capture both dry and wet weather events, pre-testing. It is estimated that the flow meters will be installed for two (2) months will be from mid-April to mid-June.

Model Update- The hydraulic model developed for Sewershed 12 update project will be updated after the dye testing results are complete to further identify the I/I quantity input from private property. This data will be used to quantify the potential I/I removal after the private property rehabilitation.

Residential Dye Testing- Residential dye testing consists of testing all storm drainage on the homes in the study area (Private Property). The test includes adding dyed water to each storm appurtenance on the property including downspouts, area drains, driveway drains or cracks in driveways near the house lateral. It is estimated that approximately one hundred twenty (120) homes will be tested in this area. The test will include use of a lateral launch camera that can inspect the laterals during the dye test to identify I/I in the lateral or upstream near the house which require two different rehabilitation methods.

Detailed Report- All the field work and findings detailed in the tasks above will be summarized in a report. The report will include all data, testing locations, results, figures, tables, and recommendations for rehabilitation along with planning costs.

The following breaks down each task and cost for this approach:

DETAILED DYE TESTING USING LATERAL LAUNCH CAMERA

Public Relations	\$2,780.00
Residential Dye Testing	\$193,375.00
Model Update	\$3420.00
Total	\$199,575.00

STUDY AREA



This is pending a signed work order between the City of Rocky River and AECOM.