JOHN A. OLSZEWSKI, JR.
County Executive

D'ANDREA WALKER, *Acting Director*
Department of Public Works and Transportation

November 15, 2022

Mr. Peter Gold
United States Environmental Protection Agency
Office of Enforcement and Compliance, SPDES Branch
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Chief, Enforcement Division, Compliance Program
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Maryland Department of Environment
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QUARTERLY REPORT – THIRD QUARTER 2022
CONSENT DECREE CIVIL NO: AMD 05-2028
(Reference DOJ Case No. 90-5-1-1-4402/2)

Enclosed you will find our submittal of the referenced Quarterly Report. This is to advise that we have submitted this report by the due date as required by Chapter VI, REPORTING REQUIREMENTS, Section 19. A. of the Decree.

Please advise us of any questions you may have regarding this report.

Sincerely,

Lisa K. Eicholtz, PE
Bureau Chief, Engineering and Construction

LK:rtr

Enclosure: Quarterly Report

Q3 2022
Quarterly Consent Decree Report

July 1, 2022
Through
September 30, 2022

Baltimore County, MD
Department of Public Works and Transportation

PURSUANT TO PARAGRAPH 19, OF THE CONSENT DECREE BETWEEN BALTIMORE COUNTY AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, DEPARTMENT OF JUSTICE AND THE MARYLAND DEPARTMENT OF THE ENVIRONMENT

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i. Executive Summary

The County's Corrective Action Recommendation Plans are ongoing and the County continues implementing the corrective action recommendation. This report documents progress made during the reporting period. In addition to the planning, design and construction work on capital projects, the asset management work continues. Notable accomplishments during Q3 of 2022 are listed below for Consent Decree related projects, including:

Contract advertisements:

- Patapsco Basin 7 Rehabilitation (Off-Road) (17107 SX0)
- Powder Mill Relief Sewer Phase 2 (20118 SX0)

Completed projects:

- Essex Structural Sewer Rehabilitation (Task 10)
- Lower Powder Mill Sewer Rehabilitation
- Cedar Branch North Fork Relief Sewer Project
- Turkey Point Pump Station Improvement

Construction work for:

- Cockeysville Force Main & Texas Pump Station Influent
- Corsica Pump Station Improvement
- Delmar Sewershed Sewer Rehabilitation
- East Branch Herring Run Relief Sewer
- Eastpoint Sewershed Sewer Rehabilitation
- Essex Sewer Replacement
- Fort Howard Pump Station Improvement
- Gray Manor Structural Sewer Rehabilitation
- Gunpowder Sewer Structural Repairs (On-Road)
- Gwynns Falls Task S Structural Lining in ESA
- Herring Run Relief Sewer, Basin 17 & 33
- Lodge Forest Manor Pump Station Improvement
- Millers Island Pump Station Improvement
- Orems Basin 03 Relief Sewer
- Patapsco Basin 10 Sewer Rehabilitation
- Penwood Terrace Pump Station Improvement
- Redhouse Run Pipeline Rehabilitation Phase 1
- Stansbury Manor Pumping Station Replacement

Procuring a contractor for:

- Bengies and Bird River Structural Repairs (Bengies)
- Bengies and Bird River Structural Repairs (Bird River)
- Cockeysville and Texas Structural Repairs (21294 SX0, Cockeysville Sewershed)

- Cockeysville and Texas Structural Repairs (21294 SX0, Texas Sewershed)
- Corsica Force Main Replacement
- Lynch Road Sewer Replacement (21092 SX0)
- North Point Boulevard Sewer Replacement (21093 SX0)
- Patapsco Basin 7 Rehabilitation (Off-Road)
- Redhouse Run Pipeline Rehabilitation Phase 2 (21021 SX0)
- Trappe Road Sewer Main Replacement (20130 SX0)

Design work for:

- Duck Creek Structural Rehabilitation
- Dundalk Sewershed Sewer Rehabilitation
- Eastpoint Force Main Relocation
- Glen Echo Interceptor Relief Sewer
- Gray Manor Interceptor Rehabilitation
- Gunpowder Relief Sewer
- Gunpowder Structural Sewer Repairs (Off-Road)
- Gunpowder PS to WM PS System Improvement (GP FM Replacement) Cowpens Relief
- Herring Run Sewer Structural Rehabilitation Phase II
- Jennifer Branch Relief Sewer
- Long Quarter North Sewer Rehabilitation
- Long Quarter South Sewer Rehabilitation
- Long Quarter South Interceptor Rehabilitation
- Long Quarter Force Main Replacement
- Patapsco Sewershed Structural Rehabilitation
- Powder Mill Relief Sewer Phase II
- Powder Mill Relief Sewer Phase III
- Redhouse Run Interceptor Relief Sewer
- Redhouse Run Pipeline Rehab Phase 3
- Stansbury Manor Force Main Replacement
- Stemmers Run Basins 02B and 3 Rehabilitation Off Road
- Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation
- White Marsh Sewer Structural Rehabilitation (West)
- White Marsh Structural Sewer Rehabilitation (East)

Assessment work is planned for:

- Redhouse Run Equalization Tank

ii. Introduction

Pursuant to Paragraph 19 of the Consent Decree between the County (County) and The United States Environmental Protection Agency (EPA), the Department of Justice (DOJ), and the Maryland Department of the Environment (MDE), this document constitutes the required Quarterly Report on the projects active during Q3 of 2022, for the period **July 1, 2022** through **September 30, 2022.** This Quarterly Report includes historical information, work progress and contracts in place during the reporting period.

This quarterly report documents activities and progress of Baltimore County towards compliance with the requirements set forth in the Consent Decree and documents only activity from the quarter being reported including:

- Non-Pump Station and Pump Station SSO Structure discharges
- Construction project status
- Collection system inspection
- SRRR plan implementation/progress
- FOG program
- Supplemental Environmental Project status, and
- Compliance issues
- Cleaning
- Performance Assessment Preparation

iii. Non-Pump Station and Pump Station SSO Structure Discharges

Discharges from Sanitary Sewer Overflow Structures took place at the locations and dates during the reporting period as detailed in **Attachment A**.

A summary of flow metering information for Non-Pump Station SSO Structures is included as **Attachment A1.**

iv. Construction Project Status

Attachment B presents the status of Paragraph 7 – Non-Pump Station SSO Structure Elimination projects and Paragraph 13F - Pump Station Rehabilitation Repair and Replacement projects that are in design and construction during the reporting quarter.

v. Collection System Inspection

The County has completed all gravity sewer line inspections required under Paragraphs 8 and 15 of the Consent Decree. The County continues compliance with all gravity line CCTV inspections within the required 10 working days of the occurrence of an overflow for each SSO that occurred during this reporting period. **Attachment C** details the County's inspection response to each of the overflow that occurred during the reporting period.

vi. SRRR Plan Implementation/Progress

The SRRR Plans contain numerous capital improvement projects in a variety of locations and stages of planning, design and construction. **Attachment D** includes a list of each sewershed and a summary status of Plan implementation. The implementation of the recommended improvement projects is proceeding; however, acquisition of required rights-of-way and regulatory permits may require a significant period of time thereby resulting in possible delays to complete the projects. There have been delays in receiving water and/or sewerage construction permits from MDE.

The County's recommendations in some of the SRRR Plans for meter basins that exhibited excessive I/I and design-storm simulated model-predicted SSOs included the comprehensive rehabilitation of all pipe segments and manholes, increased hydraulic capacity and/or testing and repair of sewer house connections and laterals. Some of the recommended repairs were revised based on design preparation and review of improvement projects. Additionally, some sewer/manhole/lateral repairs that were included in the SRRR Plans may be revised based on a review of the original and updated inspection data. The County is using data from their asset management program to revise the scope of work for some SRRR-related projects.

When reporting on construction projects, the County uses the definition of substantial completion contained in the Consent Decree.

Bengies SRRR Plan Implementation

Bengies and Bird River Structural Repairs Project (21169 SX0): On October 11, 2022, the County resubmitted a time of performance extension request for the Bengies and Bird River Structural Improvements Project in response to the EPA's denial response received on August 18, 2022. The Consent Decree deadline for completing the project was September 29, 2020. The County has acquired all rights-of-entry agreements or sent to the property owners the 15-day right-of-entry notification letter, with the exception of two properties. In March 2021 the County implemented their standard operating procedures for sewer right-of-way and right-of-entry acquisitions and has followed the procedures since implementation; however, the Bengies and Bird River Structural Improvements Project began before implementation of the operating procedures. To expedite project completion the County advertised the construction contract on March 7, 2022 before receiving formal clearance from the County's Real Estate Compliance group and is planning to complete the work related to the two outstanding right-of-entry properties if/when the County obtains the right-of-entry agreements. The requested deadline to complete the project is November 6, 2023.

Bird River SRRR Plan Implementation

Bengies and Bird River Structural Repairs Project (21169 SX0): On October 11, 2022, the County resubmitted a time of performance extension request for the Bengies and Bird River Structural Improvements Project in response to the EPA's denial response received on August 18, 2022. The Consent Decree deadline for completing the project was September 29, 2020. The County has acquired all rights-of-entry agreements or sent to the property owners the 15-day right-of-entry notification letter,

with the exception of two properties. In March 2021 the County implemented their standard operating procedures for sewer right-of-way and right-of-entry acquisitions and has followed the procedures since implementation; however, the Bengies and Bird River Structural Improvements Project began before implementation of the operating procedures. To expedite project completion the County advertised the construction contract on March 7, 2022 before receiving formal clearance from the County's Real Estate Compliance group and is planning to complete the work related to the two outstanding right-of-entry properties if/when the County obtains the right-of-entry agreements. The requested deadline to complete the project is November 6, 2023.

Cockeysville SRRR Plan Implementation

Cockeysville and Texas Structural Sewer Rehabilitation Project (Contract 21294 SX0): On July 21, 2022, the County received construction bids and is in the process of awarding the construction contract. The requested deadline is October 6, 2023.

Cockeysville Force Main & Texas Pump Station Influent Project (Contract 21163 SX0): On August 10, 2022, the County issues the construction Notice to Proceed. The requested deadline is April 6, 2023.

Delmar SRRR Plan Implementation

Delmar Sewershed Sewer Rehabilitation Project (18034 SX0): On October 11, 2022, the County issues the construction Notice to Proceed. The requested deadline is January 10, 2023.

Glen Echo Interceptor Relief Sewer Project (20196 SX0): The County is proceeding with property condemnation and the requested deadline is September 18, 2024.

Lodge Forest Manor Force Main Cleaning Project: The County will complete supplemental inspection/testing of the Lodge Force Manor force main to confirm that force main cleaning is necessary. The supplemental inspection/testing will be performed after the County completes the Lodge Forest Manor Pump Station Improvement Project. The requested deadline is March 18, 2024.

Duck Creek SRRR Plan Implementation

Corsica Force Main Replacement Project (21082 SX0): The County is processing the award of the construction contract. The requested deadline is August 18, 2023.

Duck Creek Structural Rehabilitation Project (18317 SX0): The County expanded the design and construction scope of work to maximize the financial and contractor resource efficiencies; however, the expanded scope of work delayed the project. The requested deadline is May 18, 2024.

Dundalk SRRR Plan Implementation

Dundalk Sewershed Sewer Rehabilitation Project: Design work is complete; however, there are outstanding right-of-entry acquisitions. The requested deadline is January 18, 2027.

Eastpoint SRRR Plan Implementation

Eastpoint Force Main Relocation Project: The County is completing design work and acquiring anticipated regulatory permits. The requested deadline is June 18, 2024.

Eastpoint Sewershed Sewer Rehabilitation Project (Contract 18141 SX0): Construction work continues and the requested deadline is April 18, 2023.

Essex SRRR Plan Implementation

Essex Sewer Replacement Project (Contract 21136 SX0): Construction work continues and the requested deadline is April 18, 2023.

Essex Structural Sewer Rehabilitation Project (Contract 18110 SX0): Construction work continues. *Post hoc: the project was completed on October 18, 2022.*

Gray Manor SRRR Plan Implementation

Gray Manor Force Main Finite Element Assessment (FEA) and Inspection Project: On September 1, 2022, the County awarded a contract for force main inspection/assessment services. The County anticipates issuing Notice to Proceed for the Gray Manor Force Main Finite Element Assessment and Inspection Project in late October 2022. The requested deadline is February 18, 2023. *Post hoc: On October 27, 2022, the County issues the Notice to Proceed for the project.*

Gray Manor Interceptor Rehabilitation Project (21202 SX0): Completing the design work has been delayed due to private property right-of-entry agreement acquisition and expanding the project's scope of work by moving some structural repair work from the Gray Manor Sewer Structural Rehabilitation project. All right-of-entry agreement acquisitions have been finalized and advertisement of the construction contract is anticipated for February 2023. The requested deadline is July 18, 2025.

Gray Manor Structural Sewer Rehabilitation Project (19003 SX0): On January 27, 2022, the County submitted a time of performance extension request for this project to extend the deadline to July 18, 2022 due to the additional time needed to clean and prepare the sewers for rehabilitation work. On June 22, 2022, the County submitted a second time of performance extension request as more time than originally requested was needed to clean and prepare the sewers for sewer rehabilitation work. The cleaning efforts are taking longer to complete than anticipated due to excessive tuberculation that is suspected to originate from an upstream industrial discharger. The new requested deadline is November 18, 2022. *Post-hoc: Construction was completed on November 2, 2022.*

Gray Manor Sewershed Relief Sewers Project: The project has been separated into three projects. The County is processing award of the construction contracts. The requested deadline for the three relief sewer contracts is June 18, 2023:

- **Lynch Road Sewer Replacement Project (21092 SX0)**
- **North Point Boulevard Replacement Project (21093 SX0)**
- **Trappe Road Sewer Main Replacement Project (20130 SX0)**

Gunpowder SRRR Plan Implementation

Gunpowder PS to WM PS System Improvement (GP FM Replacement) Cowpens Relief Project: The County is proceeding with design and the Consent Decree deadline is April 18, 2026.

Gunpowder Relief Sewer Project: The County is continuing design work. The Consent Decree deadline is April 18, 2026.

Gunpowder Sewer Structural Repairs-Off Road Project: The County is continuing design work. The Consent Decree deadline is April 18, 2026.

Gunpowder Sewer Structural Repairs-On Road Project (19198 SX0): The County is continuing design work. The Consent Decree deadline is April 18, 2026.

Jennifer Branch Relief Sewer Project: The County is continuing design work. The Consent Decree deadline is April 18, 2026.

Gwynns Falls SRRR Plan Implementation

Gwynns Falls Structural Sewer Rehabilitation in Environmentally Sensitive Areas Project (16059 SX0): On December 7, 2021 the County submitted a time extension request to extend the deadline to March 6, 2022 due to the time required to negotiate and acquire private property right-of-entry agreements. On March 3, 2022, the County submitted a second time extension request to extend the deadline to May 6, 2022 due to the unexpected time delay to procure a construction contractor and on May 6, 2022 the County submitted a third time extension request to extend the deadline to October 6, 2022 due to the unexpected time delay to procure a construction contractor.

Since January 2022 the County has been processing the necessary funding approval requests to issue the construction contractor's Notice to Proceed. The County anticipated the funding to be approved and Notice to Proceed issued in May 2022; however, the County's planned replacement of their internal accounting system delayed the process. In September 2022 the County issued the Notice to Proceed. The new requested deadline is April 6, 2023.

Herring Run SRRR Plan Implementation

Herring Run Relief Sewer, Basin 17 & 33 Project (16131 SX0): Construction work continues and the requested deadline to complete the project is September 6, 2023.

Herring Run Sewer Structural Rehabilitation Phase II: As described in the County's August 15, 2017 potential delay notification, private property rights-of-entry negotiation and acquisition were required for the project. To mitigate the delay, the County separated the project into two phases. Phase I was completed prior to the September 6, 2018 Consent Decree deadline. The County has completed all right-of-entry negotiations except for one property that is now being acquired through the County's condemnation process and anticipated to be completed in November 2022. The requested deadline to complete the project is November 6, 2025.

Long Quarter SRRR Plan Implementation

Long Quarter Force Main Replacement Project: As described in the County's November 26, 2019 potential delay notification, private property rights-of-entry negotiation and acquisition were required for the project, which has delayed completion of the design work. The project is currently in design and the Consent Decree deadline is April 18, 2024.

Long Quarter North Sewer Rehabilitation Project: Right-of-entry acquisition work continues and the Consent Decree deadline is April 18, 2024.

Long Quarter South Sewer Rehabilitation Project: Right-of-entry acquisition work continues and the Consent Decree deadline is April 18, 2024.

Long Quarter South Interceptor Rehabilitation Project: Design work continues and the Consent Decree deadline is April 18, 2024.

Orems SRRR Plan Implementation

Orems Basin 03 Relief Sewer Project (21144 SX0): During the 4th quarter of 2021, the construction contractor defaulted on the contract and a new contractor was identified to complete the construction work. On July 1, 2022, the County issues Notice to Proceed to the new contractor. Construction recommenced on August 15, 2022 and the new requested deadline is May 29, 2023.

Stansbury Manor Force Main Replacement Project: On March 16, 2022, the County submitted a time of performance extension request for the Stansbury Manor Force Main Replacement project. The Consent Decree deadline to complete the project was September 29, 2020. The project has been delayed due to the time required to obtain right-of-way access with various property owners. Contaminated soil along the preferred force main alignment was recently discovered. This requires that the alignment be re-designed. The project is currently in design and the requested deadline is March 9, 2025.

Patapsco SRRR Plan Implementation

Cedar Branch North Fork Relief Sewer Project (17150 SX0): The project was completed on September 8, 2022.

Patapsco Basin 7 Sewer Rehabilitation Project (17107 SX0): On September 2, 2021, the County submitted a time of performance extension request. The Consent Decree deadline for completing the project was September 6, 2020. As described in the County's March 28, 2018 potential delay notification, private property right-of-entry acquisitions were required for the project, which has delayed completion of the design work. Following multiple attempts to contact property owners the County issued to each property owner a 15-day notification letter and requested response by July 29, 2021. The County has not received responses and, therefore, assumes owner consent and the project was advertised on September 23, 2022. The requested deadline to complete the project is April 6, 2024.

Patapsco Basin 10 Sewer Rehabilitation Project (16037 SX0): On September 2, 2021, the County submitted a time of performance extension request. The Consent Decree deadline for completing the project was September 6, 2020. As described in the County's March 28, 2018 potential delay notification, private property right-of-entry acquisitions were required for the project, which has delayed completion of the design work. All right-of-entry agreements have been acquired and, on July 26, 2021, the County issues the construction contract Notice to Proceed. The requested deadline to complete the project is January 6, 2023.

Patapsco Sewershed Structural Rehabilitation Project (19007 SX0): On September 2, 2021, the County submitted a time of performance extension request. The Consent Decree deadline for completing the project was September 6, 2020. As described in the County's October 28, 2018 potential delay notification, private property right-of-entry acquisitions were required for the project, which has delayed completion of the design work. Right-of-entry negotiations are ongoing. The requested deadline to complete the project is October 6, 2024.

Redhouse Run SRRR Plan Implementation

Redhouse Run Equalization Tank: The County will complete additional investigation/assessment to determine if the project is needed.

Redhouse Run Interceptor Relief Sewer Project: Design work continues, including coordination with the EPA 68th Street Superfund site mitigation plan. The Consent Decree deadline is April 18, 2024.

Redhouse Run Pipeline Rehab Phase 1 Project (21002 SX0): On March 22, 2022, the County issues the construction Notice to Proceed and construction work began on May 2, 2022. The Consent Decree deadline is April 18, 2024.

Redhouse Run Pipeline Rehab Phase 2 Project (21021 SX0): On July 28, 2022, the County received construction bids and is processing award of the construction contract. The Consent Decree deadline is April 18, 2024.

Redhouse Run Pipeline Rehab Phase 3 Project: Right-of-entry negotiations continue and the Consent Decree deadline is April 18, 2024.

Stemmers Run SRRR Plan Implementation

Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation Project (19002 SX0): Right-of-entry negotiations continue and the Consent Decree deadline is September 6, 2024.

Stemmers Run Basins SR02B and 3 Rehabilitation/Off-Road Project (14207 SX0): Design work continues and the Consent Decree deadline is September 6, 2024.

Texas SRRR Plan Implementation

Cockeysville and Texas Structural Sewer Rehabilitation Project (Contract 21294 SX0): On July 21, 2022, the County received bids for the construction project and is processing award of the contract. The requested deadline is October 6, 2023.

Texas Force Main Cathodic Protection Project: The County recently awarded a contract to procure the specialized services needed for this project. The County anticipates issuing the project Notice to Proceed in December 2022. The requested deadline is April 18, 2023.

White Marsh SRRR Plan Implementation

White Marsh (Old) Force Main Repair Project: On September 1, 2022, the County awarded a contract for force main inspection/assessment services. The County anticipates providing Notice to Proceed for the White Marsh (old) Force Main Repair project in early 2023. The Consent Decree deadline is April 18, 2024.

White Marsh Sewer Structural Rehabilitation (West) Project: Right-of-entry negotiations continue and the Consent Decree deadline is April 18, 2024.

White Marsh Sewer Structural Rehabilitation (East) Project: Right-of-entry negotiations continue and the Consent Decree deadline is April 18, 2024.

vii. FOG Program

The County has completed implementation of the FOG Program Modification Plan.

viii. Supplemental Environmental Project Status

Completed.

ix. Compliance Summary

In accordance with Paragraph 19, Item B.vii, the following is a summary of Consent Decree compliance project achievements:

i) Consent Decree projects or requirements certified as complete during the reporting period:

Cedar Branch North Fork Relief Sewer (17150 SX0): The project was completed on September 8, 2022.

Essex Structural Sewer Rehabilitation Project (Contract 18110 SX0): The project was completed on November 18, 2022.

Lower Powder Mill Sewer Rehabilitation Project (16169 SX0): The project was completed on August 10, 2022.

Turkey Point Pump Station Improvement Project (Contract 19159 SX0): The project was completed on September 7, 2022.

ii) Consent Decree requirements due to be completed during the reporting period, but not completed:

Gray Manor Structural Sewer Rehabilitation Project (19003 SX0): On June 2, 2022 the County submitted a time extension with a requested date of November 11, 2022. The project was completed on November 2, 2022.

iii) Problems that may prevent the County from meeting future Consent Decree compliance deadlines:

Corsica Pump Station Improvement Project (21162 SX0): As noted in the letter of potential delay submitted on July 11, 2022 on July 6, 2022, the pump station contractor informed the County (reference enclosed correspondence) that additional time will be required to complete the construction work due to manufacturing delays for the variable frequency drives, which are a critical component of the motor control center unit. The County is coordinating with the contractor and will submit a time of performance extension request, if needed.

Redhouse Run Pipeline Rehab Phase 3 Project: As described in the letter of potential delay dated September 13, 2022, the construction work requires private property right-of-entry acquisitions and there are currently 178 outstanding acquisitions. The time to negotiate and acquire the rights-of-entry may delay completion of the project. The County has and will continue negotiating with the property owners and will submit a time of performance extension request, if needed.

Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation Project: As described in the letter of potential delay dated September 13, 2022, the construction work required 73 right-of-entry acquisitions and permit approvals. One outstanding right-of-entry property owner has denied the County's request.

To expedite contract advertisement, the County designated the proposed work that is located at this property as contingent so that design work can be finalized and necessary permits obtained to finalize the design. The County will continue coordinating with the property owner to acquire the needed right-of-entry. The time spent to negotiate and acquire the right-of-entry has delayed completion of the design. The County will submit a time of performance extension request, if the described actions above prevent completion of the project prior to the Consent Decree deadline.

Gwynns Falls Structural Sewer Rehabilitation in Environmentally Sensitive Areas Project (16059 SX0): On December 7, 2021 the County submitted a time extension request to extend the deadline to March 6, 2022 due to the time required to negotiate and acquire private property right-of-entry agreements and on March 3, 2022, the County submitted a second time extension request to extend the deadline to May 6, 2022 due to the unexpected time delay to procure a construction contract and on May 6, 2022 the County submitted a third time extension request to extend the deadline to October 6, 2022 due to the unexpected time delay to procure a construction contractor. The new requested deadline is April 6, 2023.

Orems Basin 03 Relief Sewer Project (Contract 21144 SX0): During the 4th quarter of 2021, the low bidder defaulted on the contract. A new contractor was identified to complete the construction work and Notice to Proceed was issued on July 1, 2022. The project is currently under construction. On May 11, 2022 the County submitted a time of performance extension request, the new requested deadline is May 29, 2023.

I certify under penalty of law that this information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

_____

Lisa K. Eicholtz, PE
Bureau Chief, Engineering and Construction

Control Document No. 469

Attachment A - Discharges from Overflow Structures

Pump Station Overflow Structures

No pump station overflows occurred during this reporting period.

Non-Pump Station Overflow Structures – Metered

Name	Aiken Avenue
SSO ID	41
Address	7829 Aiken Avenue & Taylor Avenue
Date of Discharge	7/2/2022
Duration of Overflow	23 minutes
Date of Relevant Weather Conditions	7/2/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	124
Receiving Waters	Herring Run
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	On 5/17/2022, the County submitted a Time of Performance Extension request to eliminate the overflow structure by 3/3/2024.

Name	Southern Cross Drive
SSO ID	23A
Address	Southern Cross Drive & Parsons Avenue
Date of Discharge	7/2/2022
Duration of Overflow	1 minute
Date of Relevant Weather Conditions	7/2/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	589
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	The Notice to Proceed for Phase I construction contract was issued on 9/3/2019. County to submit a second SSO elimination time extension request when a date has been identified. Right of Way and environmental permits required for Phase II contract.

Name	Southern Cross
SSO ID	23B
Address	3909 Southern Cross Drive
Date of Discharge	7/2/2022
Duration of Overflow	2 minutes
Date of Relevant Weather Conditions	7/2/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	896
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase 1 of the relief sewer is complete and the County will construct Phase 2 and 3 after right-of-way acquisition and environmental permits obtained. The County will submit a time of performance extension request for the elimination of the SSO structure when a definitive date has been determined.

Name	Patterson Avenue
SSO ID	24
Address	3902 Patterson Avenue
Date of Discharge	7/2/2022
Duration of Overflow	5 minutes
Date of Relevant Weather Conditions	7/2/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	82
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase 1 of the relief sewer is complete and the County will construct Phase 2 and 3 after right-of-way acquisition and environmental permits obtained. The County will submit a time of performance extension request for the elimination of the SSO structure when a definitive date has been determined.

Name	Aiken Avenue
SSO ID	41
Address	7829 Aiken Avenue & Taylor Avenue
Date of Discharge	7/5–6/2022
Duration of Overflow	17 hours 45 minutes
Date of Relevant Weather Conditions	7/5/2022
Description of Relevant Weather Conditions	Dry
Net Gallons Discharged	25,399
Receiving Waters	Herring Run
Identified Cause	Airline and rope for a plug in adjacent, out of service line drifted down the active pipe and caused debris to collect and block the sewer main.
Details of Corrective Action Taken or Planned	Ran line with nozzle to relieve blockage.

Name	Alter Road
SSO ID	22
Address	Alter Road & Southern Cross Drive
Date of Discharge	7/16/2022
Duration of Overflow	50 minutes
Date of Relevant Weather Conditions	7/16/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	3,442
Receiving Waters	Maiden's Choice Creek
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	The Notice to Proceed for Phase I construction contract was issued on 9/3/2019. County to submit a second SSO elimination time extension request when a date has been identified. Right of Way and environmental permits required for Phase II contract.

Name	Southern Cross Drive
SSO ID	23A
Address	Southern Cross Drive & Parsons Avenue
Date of Discharge	7/16/2022
Duration of Overflow	35 minutes
Date of Relevant Weather Conditions	7/16/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	1,337
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity
Details of Corrective Action Taken or Planned	On 5/17/2022, the County submitted a Time of Performance Extension request to eliminate the overflow structure by 3/3/2024.

Name	Southern Cross
SSO ID	23B
Address	3909 Southern Cross Drive
Date of Discharge	7/16/2022
Duration of Overflow	51 minutes
Date of Relevant Weather Conditions	7/16/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	6,905
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	The Notice to Proceed for Phase I construction contract was issued on 9/3/2019. County to submit a second SSO elimination time extension request when a date has been identified. Right of Way and environmental permits required for Phase II contract.

Name	Patterson Avenue
SSO ID	24
Address	3902 Patterson Avenue
Date of Discharge	7/16/2022
Duration of Overflow	1 hour 32 minutes
Date of Relevant Weather Conditions	7/16/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	30,681
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase 1 of the relief sewer is complete and the County will construct Phase 2 and 3 after right-of-way acquisition and environmental permits obtained. The County will submit a time of performance extension request for the elimination of the SSO structure when a definitive date has been determined

Name	Queen Anne Drive
SSO ID	129
Address	Queen Anne Drive & Hillcrest Avenue
Date of Discharge	8/4/2022
Duration of Overflow	3 minutes
Date of Relevant Weather Conditions	8/4/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	8,359
Receiving Waters	Herring Run
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	On 4/27/2020 the County submitted a time extension request to eliminate overflow structure by 8/3/2023.

Name	Southern Cross Drive
SSO ID	23A
Address	Southern Cross Dr. & Parsons Ave.
Date of Discharge	9/12/2022
Duration of Overflow	40 minutes
Date of Relevant Weather Conditions	9/12/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	6,912
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	On 5/17/2022, the County submitted a Time of Performance Extension request to eliminate the overflow structure by 3/3/2024.

Name	Southern Cross
SSO ID	23B
Address	3909 Southern Cross Drive
Date of Discharge	9/12/2022
Duration of Overflow	55 minutes
Date of Relevant Weather Conditions	9/12/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	9,628
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	On 5/17/2022, the County submitted a time of performance extension request to eliminate the overflow structure by 3/3/2024

Name	Patterson Avenue
SSO ID	24
Address	3902 Patterson Avenue
Date of Discharge	9/12/2022
Duration of Overflow	1 hour 51 minutes
Date of Relevant Weather Conditions	9/12/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	7,153
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase 1 of the relief sewer is complete and the County will construct Phase 2 and 3 after right-of-way acquisition and environmental permits obtained. The County will submit a time of performance extension request for the elimination of the SSO structure when a definitive date has been determined

Attachment A1: Summary of Non-Pumping Station Overflow Structure Monitoring

Date of Rain Event		7/2/2022	7/16/2022	8/4/2022	9/12/2022
Rain (inches)		0.67-1.67	2.3	1.34	0.95
SSO Name	SSO ID				
Alter Road	22		3,442		
Southern Cross Drive	23A	589	1,337		6,912
Southern Cross	23B	896	6,905		9,628
Patterson Avenue	24	82	30,681		7,153
Overbrook Road & Medwick Garth	118				
Marnat Road	113				
Aiken Avenue	41	124			
Queen Anne Drive	129			8,359	

Attachment B - Construction Status for Elimination of SSO Structures and Pump Station Projects

Non-Pump Station SSO Structures

Project Name	Date of Construction Notice to Proceed	Sewershed Name	Original Consent Decree Elimination Date	Current Consent Decree SSO Elimination Date	SSO Eliminated	Status
Powder Mill Interceptor Relief Sewer Phase I (SSOs 22, 23A, 23B, 24) Contract 18180 SX0	9/3/2019	Gwynns Falls	3/22/2017	TBD	No	On 1/26/2021 the project achieved functional use. The Phase II project (Contract 20018 SX0) and Phase 3 project must be completed before eliminating the SSO structures.
Powder Mill Interceptor Relief Sewer Phase II (SSOs 22, 23A, 23B, 24) Contract 20018 SX0	-	Gwynns Falls	3/22/2017	TBD	No	On 2/14/2017, the County submitted a time extension request with an undefined elimination date. A second time extension request with a definitive elimination date will be submitted after right-of-way acquisition and environmental permits are obtained and construction Notice to Proceed is issued for Contract 20018 SX0. Easement acquisition was unsuccessful so the project is being redesigned.
Powder Mill Interceptor Relief Sewer Phase III (SSOs 22, 23A, 23B, 24)	-	Gwynns Falls	3/22/2017	TBD	No	On 5/12/2022, the County issued Design Notice to Proceed. The design consultant is currently in preparation of the preliminary design memo.
East Branch Herring Run Relief Sewer – 14117 SX0 (SSO 41 & 129)	2/5/2020	Herring Run	3/20/2018	3/3/2024 (Requested)	No	On 4/27/2020 the County submitted a time extension request to eliminate the overflow structure by 8/3/2023. The extension request approval letter from the Maryland Department of Environment incorrectly identified the new deadline as 11/5/2019. On 9/23/2021, the County submitted a correction of records letter to confirm the new approved deadline of 8/3/2023. On 1/4/2022, the County submitted a Time Extension Request to eliminate the overflow structure by 12/4/2023. The time extension was necessary due to unanticipated construction site conditions. On May 17, 2022 the County submitted a subsequent Time Extension Request, as the unexpected site conditions continue to delay completion of the construction project. This project is approximately 95% complete.

Project Name	Date of Construction Notice to Proceed	Sewershed Name	Original Consent Decree Elimination Date	Current Consent Decree SSO Elimination Date	SSO Eliminated	Status
Elimination of SSOs 116, 117, and 118	-	West Low Level	9/20/2016	TBD	No	On 6/22/2016, the County submitted a time extension request with an undefined SSO elimination date. A second time extension request with a definitive SSO elimination date will be submitted after the City shares with the County their proposed downstream corrective actions and construction schedule. The County continues to meet and coordinate with Baltimore City to complete the needed hydraulic improvements to the downstream collection system, which is maintained by the City.
Elimination of SSO 113	-	Jones Falls	9/20/2016	TBD	No	

Pump Station Rehabilitation, Repair and Replacement

Project Name	Contract No.	Consent Decree Deadline	Project Phase	Construction Notice to Proceed Date
Millers Island	19175 SX0	6/1/2023	Construction	1/6/2021
Penwood Terrace	20040 SX0	6/1/2023	Construction	5/3/2021
Stansbury Manor	21135 SX0	4/20/2024	Construction	1/27/2022
Corsica	21162 SX0	6/1/2023	Construction	1/27/2022
Fort Howard	20175 SX0	6/1/2023	Construction	1/26/2022
Lodge Forest Manor	21003 SX0	10/20/2023	Construction	3/23/2022

Attachment C - CCTV in Response to an SSO

Date of SSO	Location	CCTV Inspection Date	Exemption
7/2/2022	7829 Aiken Avenue & Taylor Avenue		D
7/2/2022	Southern Cross Drive & Parsons Avenue		D
7/2/2022	3909 Southern Cross Drive		D
7/2/2022	3902 Patterson Avenue		D
7/5-6/2022	7829 Aiken Avenue & Taylor Avenue	7/8/2022	
7/16/2022	Alter Road & Southern Cross Drive		D
7/16/2022	Southern Cross Drive & Parsons Avenue		D
7/16/2022	3909 Southern Cross Drive		D
7/16/2022	3902 Patterson Avenue		D
8/4/2022	Queen Anne Drive & Hillcrest Avenue		D
8/18/2022	7980 Eastern Avenue	8/19/2022	
9/12/2022	Southern Cross Drive & Parsons Avenue		D
9/12/2022	3909 Southern Cross Drive		D
9/12/2022	3902 Patterson Avenue		D

Allowable Exemptions:

A. The cause of the SSO was a blockage in a County-owned lateral adjacent to the gravity line segment and the County cleans the County-owned lateral.
B. The cause of the SSO was a blockage in the gravity line segment and visible directly from the manhole.
C. The County has previously CCTV inspected the line segment(s) due to an earlier blockage and the County is in the process of developing or implementing corrective action.
D. The location is an identified overflow structure and is being monitored pursuant to Paragraph 7.C and the County is involved in a process designed to eliminate the overflow structure

Attachment D - Status of SRRR Plan Implementation

Sewershed	Project Name	SRRR Completion Consent Decree Deadline	Date of Potential Delay Notification	Date of Time Extension Request	Requested Deadline	Construction Contract ID	Construction Notice to Proceed Date
Bengies	Bengies and Bird River Structural Repairs	9/29/2020	3/15/2019	10/11/2022	11/6/2023	21169 SX0	7/18/2022
Bird River	Bengies and Bird River Structural Repairs	9/29/2020	3/15/2019	10/11/2022	11/6/2023	21169 SX0	7/18/2022
Cockeysville	Cockeysville (and Texas) Structural Repairs	9/29/2020	3/15/2019	2/8/2022	10/6/2023	21294 SX0	7/28/2022
Cockeysville	Cockeysville Force Main & Texas PS Influent	9/29/2020	3/15/2019	1/28/2022	4/6/2023	21163 SX0	10/5/2022
Delmar	Glen Echo Interceptor Relief Sewer	4/18/2022	11/22/2019	3/2/2022	9/18/2024	20196 SX0	8/9/2023
Delmar	Delmar Sewershed Sewer Rehabilitation	4/18/2022	3/31/2021	12/12/2021	1/10/2023	18034 SX0	8/26/2021
Delmar	Lodge Forest Manor Force Main Cleaning	4/18/2022	9/2/2021	3/24/2022	3/18/2024	-	-
Duck Creek	Duck Creek Structural Rehabilitation	4/18/2022	2/5/2020	2/1/2022	5/18/2024	18317 SX0	4/26/2023
Duck Creek	Corsica Force Main Replacement	4/18/2022	8/11/2021	12/7/2021	8/18/2023	21082 SX0	10/27/2022
Dundalk	Dundalk Sewershed Sewer Rehabilitation	4/18/2022	11/22/2019	3/3/2022	1/18/2027	18317 SX0	12/15/2022
Eastpoint	Eastpoint FM Relocation - Task 02	4/18/2022	11/22/2019	2/10/2022	6/18/2024	-	11/10/2023
Eastpoint	Eastpoint Sewershed Sewer Rehabilitation	4/18/2022	1/4/2022	6/23/2022	4/18/2023	18141 SX0	12/01/2021
Essex	Essex Sewer Replacement	4/18/2022	9/2/2021	2/10/2022	4/18/2023	21136 SX0	2/4/2022
Essex	Essex Structural Sewer Rehabilitation (Task 10)	4/18/2022	9/14/2021	3/29/2022	10/18/2022	18110 SX0	1/15/2021
Gray Manor	Gray Manor Force Main FEA & Inspection	4/18/2022	1/18/2022	3/10/2022	2/18/2023	-	-
Gray Manor	Gray Manor Structural Sewer Rehabilitation	4/18/2022	None	6/22/2022	11/18/2022	19003 SX0	1/14/2021
Gray Manor	Gray Manor Interceptor Rehab - Task 12	4/18/2022	None	3/2/2022	7/18/2025	21202 SX0	11/22/2022
Gray Manor	Lynch Road Sewer Replacement	4/18/2022	6/19/2019	3/16/2022	6/18/2023	21092 SX0	10/3/2022
Gray Manor	North Point Boulevard Sewer Replacement	4/18/2022	6/19/2019	3/16/2022	6/18/2023	21093 SX0	10/3/2022
Gray Manor	Trappe Road Sewer Main	4/18/2022	6/19/2019	3/16/2022	6/18/2023	20130 SX0	10/3/2022

Sewershed	Project Name	SRRR Completion Consent Decree Deadline	Date of Potential Delay Notification	Date of Time Extension Request	Requested Deadline	Construction Contract ID	Construction Notice to Proceed Date
Gunpowder	Gunpowder PS to WM PS System Improvement (GP FM Replacement)/Cowpens Relief	4/18/2026	-	-	-	-	12/5/2023
Gunpowder	Gunpowder Relief Sewer	4/18/2026	-	-	-	-	2/26/2024
Gunpowder	Gunpowder Sewer Structural Repairs-Off Road	4/18/2026	-	-	-	-	5/25/2023
Gunpowder	Gunpowder Sewer Structural Repairs-On Road	4/18/2026	-	-	-	19198 SX0	4/05/2021
Gunpowder	Jennifer Branch Relief Sewer	4/18/2026	-	-	-	-	6/6/2023
Gwynns Falls	Gwynns Falls ESA	9/6/2018	1/23/2018	10/6/2022	4/6/2023	16059 SX0	12/17/2021
Herring Run	Herring Run Relief Sewer, Basin 17 & 33	9/6/2018	3/8/2018	2/28/2022	9/6/2023	16131 SX0	3/16/2022
Herring Run	Herring Run Sewer Structural Rehabilitation Phase II	9/6/2018	8/15/2017	4/8/2022	11/6/2025	-	4/7/2023
Long Quarter	Long Quarter Force Main Replacement	4/18/2024	11/26/2019	-	-	-	1/2/2024
Long Quarter	Long Quarter North Sewer Rehab	4/18/2024	-	-	-	-	1/4/2023
Long Quarter	Long Quarter South Sewer Rehab	4/18/2024	-	-	-	-	2/20/2023
Orems	Orems Basin 03 Relief Sewer	9/29/2020	11/22/2019	5/11/2022	5/29/2023	21140 SX0	8/2/2021
Orems	Stansbury Manor Force Main Replacement	9/29/2020	11/16/2018	3/16/2022	3/9/2025	-	10/27/2023
Patapsco	Patapsco Basin 7 Rehabilitation-Roads/Off Road	9/6/2021	10/28/2018	9/2/2021	4/6/2024	17107 SX0	11/8/2022
Patapsco	Patapsco Basin10 Sewer Rehabilitation	9/6/2021	10/28/2018	9/2/2021	1/6/2023	16037 SX0	8/18/2021
Patapsco	Patapsco Sewershed Structural Rehabilitation	9/6/2021	10/28/2018	9/2/2021	10/6/2024	19007 SX0	10/6/2024
Redhouse Run	Redhouse Run Equalization Tank	4/18/2024	-	-	-	-	-
Redhouse Run	Redhouse Run Interceptor Relief Sewer	4/18/2024	-	-	-	-	5/5/2023
Redhouse Run	Redhouse Run Pipeline Rehab Phase 1	4/18/2024	-	-	-	21002 SX0	7/13/2022

Sewershed	Project Name	SRRR Completion Consent Decree Deadline	Date of Potential Delay Notification	Date of Time Extension Request	Requested Deadline	Construction Contract ID	Construction Notice to Proceed Date
Redhouse Run	Redhouse Run Pipeline Rehab Phase 2	4/18/2024	-	-	-	21020 SX0	2/27/2023
Redhouse Run	Redhouse Run Pipeline Rehab Phase 3	4/18/2024	-	-	-	-	10/27/2023
Stemmers Run	Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation	9/6/2024	9/13/2022	-	-	19002 SX0	1/26/2023
Stemmers Run	Stemmers Run Basins 02B and 3 Rehab./Off-Road	9/6/2024	-	-	-	14207 SX0	12/29/2022
Texas	Texas Force Main Cathodic Protection	4/18/2022	12/7/2021	2/28/2022	4/18/2023	-	-
Texas	(Cockeysville and) Texas Structural Repairs	4/18/2022	7/10/2019	2/8/2022	10/6/2023	21294 SX0	7/29/2022
White Marsh	White Marsh Sewer Structural Rehabilitation (West)	4/18/2024	-	-	-	-	3/13/2023
White Marsh	Whitemarsh (old) FM Repair	4/18/2024	-	-	-	-	6/29/2023
White Marsh	Whitemarsh Structural Sewer Rehab - East	4/18/2024	-	-	-	-	9/11/2023