JOHN A. OLSZEWSKI, JR.
County Executive

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

February 15, 2023

Mr. Peter Gold
United States Environmental Protection Agency
Office of Enforcement and Compliance, SPDES Branch
1650 Arch Street, 3WP42
Philadelphia PA 19103-2029

Chief, Enforcement Division, Compliance Program
Water Management Administration
Maryland Department of Environment
1800 Washington Boulevard
Baltimore MD 21230

QUARTERLY REPORT – FOURTH 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

Enclosure: Quarterly Report

Q4 2022
Quarterly Consent Decree Report

October 1, 2022
Through
December 31, 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

Table of Contents

i. Executive Summary 3
ii. Introduction 5
iii. Non-Pump Station and Pump Station SSO Structure Discharges 5
iv. Construction Project Status 5
v. Collection System Inspection 6
vi. SRRR Plan Implementation/Progress 6
vii. FOG Program 6
viii. Supplemental Environmental Project Status 6
ix. Compliance Summary 6
Attachment A - Discharges from Overflow Structures 8
Pump Station Overflow Structures 9
Non-Pump Station Overflow Structures – Metered 9
Attachment A1: Summary of Non-Pumping Station Overflow Structure Monitoring 11
Attachment B - Project Summary for Active Consent Decree Related Capital Improvement Projects .. 12
Attachment C - CCTV in Response to an SSO 29

i. Executive Summary

Baltimore County's Implementation of Sewershed Repair, Replacement and Rehabilitation (SRRR) Corrective Action Recommendation Plans are ongoing through the 4th Quarter of 2022 and the County continues completing the corrective action recommendations. This report discusses and documents progress made during the reporting period. In addition to the planning, design and construction of corrective actions contained in the capital projects, the County continues planning and prioritizing operation/maintenance work based on the County's Asset Management model. Below is a summary of Consent Decree project status at the end of Q4 2022.

More detailed project information is contained in **Attachment B**.

Notable construction completion and accomplishments during Q4 2022:

- Essex Structural Sewer Rehabilitation (Task 10)
- Patapsco Basin10 Sewer Rehabilitation
- Gray Manor Structural Sewer Rehabilitation
- Continued Implementation of the Asset Management Plan
- SSO monitoring and reporting
- SSO Overflow Response Plan
- Regular operation and Maintenance

Construction:

- Bengies and Bird River Structural Repairs (Bengies)
- Bengies and Bird River Structural Repairs (Bird River)
- Cockeysville Force Main & Texas Pump Station Influent
- Corsica Force Main Replacement
- Corsica Pump Station Improvement
- East Branch Herring Run Relief Sewer
- Eastpoint Sewershed Sewer Rehabilitation
- Essex Sewer Replacement
- Fort Howard Pump Station Improvement
- 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
- Lynch Road Sewer Replacement
- Millers Island Pump Station Improvement
- Orems Basin 03 Relief Sewer
- Penwood Terrace Pump Station Improvement
- Redhouse Run Pipeline Rehabilitation Phase 1
- Redhouse Run Pipeline Rehabilitation Phase 2
- Stansbury Manor Pumping Station Replacement
- Trappe Road Sewer Main Replacement

Construction contractor procurement underway:

- Cockeysville and Texas Structural Repairs (21294 SX0, Cockeysville Sewershed)
- Cockeysville and Texas Structural Repairs (21294 SX0, Texas Sewershed)
- North Point Boulevard Sewer Replacement (21093 SX0)
- Patapsco Basin 7 Rehabilitation (Off-Road) (17107 SX0)

Contract advertisements:

- Powder Mill Relief Sewer Phase 2 (20118 SX0)

Design:

- 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 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/Analysis work is planned for:

- Redhouse Run Equalization Tank
- Texas FM Catholic Protection
- White Marsh (Old) Force Main Re-assessment

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 for the period **October 1, 2022** through **December 31, 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

A summary of all active capital improvement projects that are associated with Baltimore County's Consent Decree is provided in **Attachment B**. The County has completed at least one of the following project status milestone.

- Planning
- Design
- Right-of way/entry negotiation and/or acquisition
- Permitting
- Construction
- Substantial Completion
- Operation

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 overflows 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. A summary of all active capital improvement projects that are associated with Baltimore County's Consent Decree is provided in **Appendix B**. 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.

vii. FOG Program

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

viii. Supplemental Environmental Project Status

Completed.

ix. Compliance Summary

i) <u>Problems that may prevent the County from meeting future Consent Decree compliance deadlines:</u>

Corsica Pump Station Improvement Project (21162 SX0): The County submitted time of performance extension request on November 22, 2022 and explained in the time extension request and July 11, 2022 potential delay notification 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.

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

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

Control Document No. 478

Attachment A - Discharges from Overflow Structures

Pump Station Overflow Structures

Pump Station Name	Texas
Address	10320 York Road
Date Of Discharge	11/8/2022
Duration Of Overflow	10 minutes
Date Of Relevant Weather Conditions	11/8/2022
Description Of Relevant Weather Conditions	Dry
Gallons Discharged	31,000
Receiving Waters	Beaver Run Dam
Identified Cause	Total power failure of both BGE feeders caused failure in PLC program logic that tells pumps to run.
Details Of Corrective Action Taken or Planned	Pumps were run manually until PLC alternation sequence could be manually reset.

Non-Pump Station Overflow Structures – Metered

Name	Southern Cross Drive
SSO ID	23A
Address	Southern Cross Dr. & Parsons Ave.
Date of Discharge	12/23/2022
Duration of Overflow	1 hour 45 minutes
Date of Relevant Weather Conditions	12/23/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	1,406
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase I of the relief sewer is complete. Phase II construction Notice to Proceed was issued on January 24, 2023. The Phase III project is being re-designed to avoid right of way issues; design Notice to Proceed was issued on May 12, 2022. 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	Southern Cross
SSO ID	23B
Address	3909 Southern Cross Drive
Date of Discharge	12/23/2022
Duration of Overflow	1 hour 21 minutes
Date of Relevant Weather Conditions	12/23/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	1,479
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase I of the relief sewer is complete. Phase II construction Notice to Proceed was issued on January 24, 2023. The Phase III project is being re-designed to avoid right of way issues; design Notice to Proceed was issued on May 12, 2022. 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	12/22/2022-12/23/2022
Duration of Overflow	2 hours 2 minutes
Date of Relevant Weather Conditions	12/22/2022
Description of Relevant Weather Conditions	Rain
Net Gallons Discharged	24,978
Receiving Waters	Gwynns Falls
Identified Cause	Insufficient wet weather hydraulic capacity.
Details of Corrective Action Taken or Planned	Construction for Phase I of the relief sewer is complete. Phase II construction Notice to Proceed was issued on January 24, 2023. The Phase III project is being re-designed to avoid right of way issues; design Notice to Proceed was issued on May 12, 2022. 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		12/22/2022-12/23/2022
Rain (inches)		1.52
SSO Name	**SSO ID**	
Alter Road	22	
Southern Cross Drive	23A	1,406
Southern Cross	23B	1,479
Patterson Avenue	24	24,978
Overbrook Road & Medwick Garth	118	
Marnat Road	113	
Aiken Avenue	41	
Queen Anne Drive	129	

Attachment B - Project Summary for Active Consent Decree Related Capital Improvement Projects

CD Paragraph: P7

Sewershed: Gwynns Falls

Project: Contract 20118 SX0 Powder Mill Relief Sewer Phase II

Status: On February 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. Post *Hoc: The County issued the construction Notice to proceed on January 24, 2023 and construction is expected to start in March 2023.*

CD Paragraph: P7

Sewershed: Gwynns Falls

Project: Powder Mill Relief Sewer Phase III

Status: On May 12, 2022 the County issued Design Notice to Proceed. The design consultant is currently in preparation of the preliminary design memo.

CD Paragraph: P7

Sewershed: Herring Run

Project: Contract 14117 SX0 East Branch Herring Run Relief Sewer (SSOs 41 & 129)

Status: On April 27, 2020 the County submitted a time extension request to eliminate the overflow structure by August 3, 2023. The extension request approval letter from the Maryland Department of Environment incorrectly identified the new deadline as November 5, 2019. On September 23, 2021, the County submitted a correction of records letter to confirm the new approved deadline of August 3, 2023. On January 4, 2022 the County submitted a Time Extension Request to eliminate the overflow structure by December 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. Construction is ongoing and the project is approximately 95 percent complete.

CD Paragraph: P7

Sewershed: Herring Run

Project: Elimination of SSOs 41 & 129

Status: The elimination work will start after the completion of the contract 14117 SX0 East Branch Herring Run Relief Sewer (SSO 41 & 129) and contract 16131 SX0 Herring Run

Relief Sewer Basin 17 & 33 construction work. The County submitted a time extension request on May 17, 2022 and the requested deadline is March 3, 2024.

CD Paragraph: P7

Sewershed: West Low Level

Project: Elimination of SSOs 116,117 &118

Status: On June 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.

CD Paragraph: P7

Sewershed: Jones Falls

Project: Elimination of SSO 113

Status: On June 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.

CD Paragraph: P10

Sewershed: Bengies

Project: Contract 21169 SX0 Bengies and Bird River Structural Repairs (Bengies)

Status: Design work completed. The County has acquired all right-of-entry agreements with the exception of two properties. 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. The County issued the Notice to Proceed on July 13, 2022 and the construction work has started. On October 11, 2022, the County resubmitted 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 requested deadline to complete the project is November 6, 2023.

CD Paragraph: P10

Sewershed: Bird River

Project: Contract 21169 SX0 Bengies and Bird River Structural Repairs (Bird River)

Status: Design work completed. The County has acquired all right-of-entry agreements with the exception of two properties. 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. The County issued the Notice to Proceed on July 13, 2022 and the construction work has started. On October 11, 2022, the County resubmitted 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 requested deadline to complete the project is November 6, 2023.

CD Paragraph: P10

Sewershed: Cockeysville

Project: Contract 21294 SX0 Cockeysville and Texas Structural Repairs (Cockeysville)

Status: The County issued the Notice to Proceed on November 11, 2022 and construction is expected to start on February 15, 2023. The County submitted a time of performance extension request to EPA on February 8, 2022 for a requested deadline of October 6, 2023 however the request was denied.

CD Paragraph: P10

Sewershed: Cockeysville

Project: 21163 SX0 Cockeysville Force Main & Texas PS Influent

Status: The County issued the construction Notice to Proceed on July 20, 2022 and the construction work is ongoing. The County submitted a time of performance extension request to EPA on January 28, 2022 for a requested deadline of April 6, 2023 however the request was denied.

CD Paragraph: P10

Sewershed: Delmar

Project: Contract 18034 SX0 Delmar Sewershed Sewer Rehabilitation

Status: On October 11, 2021, the County issued the construction Notice to Proceed. The County submitted a time of performance extension request to EPA on December 12, 2021 .The requested deadline is January 10, 2023. *Post-hoc: The project was certified as substantially completed on January 9, 2023.*

CD Paragraph: P10

Sewershed: Delmar

Project: Contract 20196 SX0 Glen Echo Interceptor Relief Sewer

Status: Design work completed. The County is proceeding with permitting and acquiring easement acquisition through condemnation process. The County submitted a time of performance extension request to EPA on March 2, 2022 for a requested deadline of September 18, 2024 however the request was denied.

CD Paragraph: P10

Sewershed: Delmar

Project: Lodge Forest Manor Force Main Cleaning

Status: 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 county submitted a time of performance extension request to EPA on March 24, 2022. The requested deadline is March 18, 2024.

CD Paragraph: P10

Sewershed: Duck Creek

Project: Contract 21082 SX0 Corsica Road Force Main Replacement

Status: On October 3, 2022, the County issued the construction Notice to Proceed and the construction has started. The County submitted a time of performance extension request to EPA on December 7, 2021 for a requested deadline of August 18, 2023 however, the request was denied. The County is in the process of submitting another time of performance extension request soon.

CD Paragraph: P10

Sewershed: Duck Creek

Project: Duck Creek Structural Rehabilitation

Status: 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 County submitted a time of performance extension request to EPA on February 2, 2022. The requested deadline is May 18, 2024.

CD Paragraph: P10

Sewershed: Dundalk

Project: Contract 18317 SXO Dundalk Sewershed Sewer Rehabilitation

Status: Design work completed. The project is scheduled to be advertised in March of 2023. The County submitted a time of performance extension request to EPA on March 3, 2022 for a requested deadline of January 18, 2027 however the request is denied.

CD Paragraph: P10

Sewershed: East Point

Project: Eastpoint FM Relocation - Task 02

Status: The County is completing design work and acquiring anticipated regulatory permits. The County submitted a time of performance extension request to EPA on February 10, 2022 for a requested deadline of June 18, 2024, however the request was denied.

CD Paragraph: P10

Sewershed: East Point

Project: Contract 18141 SX0 Eastpoint Sewershed Sewer Rehabilitation

Status: Construction work continues. The County submitted a time of performance extension request to EPA on March 3, 2022 for a requested deadline of April 18, 2023 however the request was denied.

CD Paragraph: P10

Sewershed: Essex

Project: Contract 21136 SX0 Essex Sewer Replacement

Status: Construction work continues. The County submitted a time of performance extension request to EPA on Feb 10, 2022 for a requested deadline of April 18, 2023 however the request was denied.

CD Paragraph: P10

Sewershed: Gray Manor

Project: Gray Manor Force Main (PCCP) Finite Element Assessment (FEA) and Inspection

Status: On September 1, 2022, the County awarded a contract for force main inspection/assessment services. The County issued the Notice to Proceed on October 27, 2022. The County submitted a time of performance extension request to EPA on March 10, 2022 for a requested deadline of February 18, 2023 however the request was denied.

CD Paragraph: P10

Sewershed: Gray Manor

Project: Contract 21202 SX0 Gray Manor Interceptor Rehab - Task 12

Status: Completion of 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 March 2023. The County submitted a time of performance extension request to EPA on March 2, 2022 for a requested deadline of July 18, 2025 however, the request was denied.

CD Paragraph: P10

Sewershed: Gray Manor

Project: Contract 21092 SX0 Lynch Road Sewer Replacement

Status: Gray Manor Sewershed Relief Sewers Project has been separated into three projects. The County issued the construction Notice to Proceed on December 7, 2022. The County submitted a time of performance extension request to EPA on March 16, 2022

for a requested deadline of June 18, 2023 for the three relief sewer contracts however the request was denied.

CD Paragraph: P10

Sewershed: Gray Manor

Project: Contract 21093 SX0 North Point Boulevard Sewer Replacement

Status: Gray Manor Sewershed Relief Sewers Project has been separated into three projects. The County is processing award of the construction contracts. The County submitted a time of performance extension request to EPA on March 16, 2022 for a requested deadline of June 18, 2023 for the three relief sewer contracts however the request was denied. *Post Hoc: The County issued construction Notice to Proceed on Jan 20, 2023*

CD Paragraph: P10

Sewershed: Gray Manor

Project: Contract 20130 SX0 Trappe Road Sewer Main

Status: Gray Manor Sewershed Relief Sewers Project has been separated into three projects. The County issued the construction Notice to Proceed on October 7, 2022. The county submitted a time of performance extension request to EPA on March 16, 2022 for a requested deadline of June 18, 2023 for the three relief sewer contracts however, the request was denied.

CD Paragraph: P10

Sewershed: Gunpowder

Project: Gunpowder PS to WM PS System Improvement (GP FM Replacement) Cowpens Relief

Status: The County is proceeding with design and property easements. The Consent Decree deadline is April 18, 2026.

CD Paragraph: P10

Sewershed: Gunpowder

Project: Gunpowder Relief Sewer

Status: The County is continuing design work. The Consent Decree deadline is April 18, 2026.

CD Paragraph: P10

Sewershed: Gunpowder

Project: Gunpowder Sewer Structural Repairs-Off Road

Status: The County is continuing design work and is currently in right-of-entry negotiations and acquisitions. The Consent Decree deadline is April 18, 2026.

CD Paragraph: P10

Sewershed: Gunpowder

Project: Contract 19198 SX0 Gunpowder Sewer Structural Repairs-On Road

Status: Construction is ongoing. The Consent Decree deadline is April 18, 2026.

CD Paragraph: P10

Sewershed: Gunpowder

Project: Jennifer Branch Relief Sewer

Status: The County is continuing design work and property right-of-entry acquisition. The Consent Decree deadline is April 18, 2026.

CD Paragraph: P10

Sewershed: Gwynns Falls

Project: Contract 16059 SX0 Gwynns Falls Task S Structural Lining in ESA (Environmentally Sensitive Areas)

Status: On December 7, 2021 the County submitted a time of performance 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 of performance 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 of performance 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 submittals are being reviewed but the construction has not started yet. The new requested deadline is April 6, 2023.

CD Paragraph: P10

Sewershed: Herring Run

Project: Contract 16131 SX0 Herring Run Relief Sewer, Basin 17 & 33

Status: Construction is ongoing and about 25 percent complete. The County submitted a time of performance extension request to EPA on February 28, 2022 for a requested deadline of September 6, 2023 to complete the project, however the request was denied.

CD Paragraph: P10

Sewershed: Herring Run

Project: Herring Run Sewer Structural Rehabilitation Phase II

Status: As described in the County's August 15, 2017 potential delay notification, private property right-of-entry negotiation and acquisition was 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. The County submitted a time of performance extension request to EPA on April 8, 2022 for a requested deadline of November 6, 2025 to complete the project, however the request was denied.

CD Paragraph: P10

Sewershed: Long Quarter

Project: Long Quarter Force Main Replacement

Status: As described in the County's November 26, 2019 potential delay notification, private property right-of-entry negotiation and acquisition was 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.

CD Paragraph: P10

Sewershed: Long Quarter

Project: Long Quarter (New) Force Main FEA and Re-Assessment

Status: On September 1, 2022, the County awarded a contract for force main inspection/assessment services. The County issued the Notice to Proceed on October 27, 2022. The County submitted a time of performance extension request to EPA on November 15, 2022. The new requested deadline is February 18, 2023.

CD Paragraph: P10

Sewershed: Long Quarter

Project: Long Quarter North Sewer Rehab

Status: Right-of-entry acquisition work continues and the Consent Decree deadline is April 18, 2024.

CD Paragraph: P10

Sewershed: Long Quarter

Project: Contract 21001-SX0 Long Quarter South Sewer Rehab

Status: Design work has been completed on December 30 2022. Private property right-of-entry negotiation and acquisition is required for this project, which has delayed completion of the project. All right-of-entry agreements have been obtained. The County submitted a time of performance extension request to EPA on November 11, 2022. The requested deadline to complete the project is October 18, 2024. *Post Hoc: County is reviewing the Bid Document.*

CD Paragraph: P10

Sewershed: Long Quarter

Project: Long Quarter South Interceptor Rehabilitation

Status: Right-of-entry acquisition work continues and the Consent Decree deadline is April 18, 2024.

CD Paragraph: P10

Sewershed: Orems

Project: Contract 21140 SX0 Orems Basin 03 Relief Sewer

Status: 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 issued Notice to proceed to the new contractor. Construction recommenced on August 15, 2022. The County submitted a time of performance extension request to EPA on May 11, 2022. The new requested deadline is May 29, 2023.

CD Paragraph: P10

Sewershed: Orems

Project: Contract 19317 SX0 Stansbury Manor Force Main Replacement

Status: The project is proceeding with design work and acquiring anticipated regulatory permits. The project has been delayed due to the time required to obtain right-of-way access with various property owners. The County has obtained all right-of-way agreements from all parties involved. Contaminated soil along the preferred force main alignment was recently discovered. This required that the alignment be re-designed. On March 16, 2022, the County submitted a time of performance extension request for the Stansbury Manor Force Main Replacement project for requested deadline as March 9, 2025, however the request was denied.

CD Paragraph: P10

Sewershed: Patapsco

Project: Contract 17107 SX0 Patapsco Basin 7 Rehabilitation - Roads /Off Road

Status: 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 October 3, 2022. On September 2, 2021, the County submitted a time of performance extension request. The requested deadline to complete the project is April 6, 2024 however, EPA denied the County's time of performance extension request. *Post Hoc: Construction NTP issued on February 6, 2023 and construction is projected to start on March 15, 2023.*

CD Paragraph: P10

Sewershed: Patapsco

Project: Contract 19007 SX0 Patapsco Sewershed Structural Rehabilitation

Status: 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 however, EPA denied the County's time extension request.

CD Paragraph: P10

Sewershed: Redhouse Run

Project: Contract 21002 SX0 Redhouse Run Pipeline Rehab Phase 1

Status: 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.

CD Paragraph: P10

Sewershed: Redhouse Run

Project: Contract 21020 SX0 Redhouse Run Pipeline Rehab Phase 2

Status: The County issued the construction Notice to Proceed on December 5, 2022. The Consent Decree deadline is April 18, 2024.

CD Paragraph: P10

Sewershed: Redhouse Run

Project: Redhouse Run Pipeline Rehab Phase 3

Status: Right-of-entry negotiations continue and the Consent Decree deadline is April 18, 2024.

CD Paragraph: P10

Sewershed: Redhouse Run

Project: Redhouse Run Interceptor Relief Sewer

Status: Design work continues, including coordination with the EPA 68th Street Superfund site mitigation plan. The Consent Decree deadline is April 18, 2024.

CD Paragraph: P10

Sewershed: Redhouse Run

Project: Redhouse Run EQ Tank

Status: The County will complete additional investigation/assessment to determine if the project is needed.

CD Paragraph: P10

Sewershed: Stemmers Run

Project: Contract 19002 SX0 Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation

Status: Right-of-entry negotiations continue and the Consent Decree deadline is September 6, 2024.

CD Paragraph: P10

Sewershed: Stemmers Run

Project: Contract 15269 SX0 Stemmers Run Basins 02B and 3 Rehab/Off –Road

Status: The County is completing design work and acquiring anticipated regulatory permits and the Consent Decree deadline is September 6, 2024.

CD Paragraph: P10

Sewershed: Texas

Project: Contract 21294 SX0 Cockeysville and Texas Structural Repairs (Texas)

Status: On November 22, 2022, the County issued construction Notice to Proceed and the construction is scheduled to start on February 15, 2023. The County submitted the time of performance extension request to EPA/MDE on February 8, 2022 for a requested deadline of October 6, 2023 however the request was denied.

CD Paragraph: P10

Sewershed: Texas

Status: The County recently awarded a contract to procure the specialized services needed for this project. The County anticipates issuing the project Notice to proceed soon. The County submitted the time of performance extension request to EPA/MDE on February 8, 2022 for a requested deadline of April 18, 2023 however, the request was denied.

CD Paragraph: P10

Sewershed: White Marsh

Project: White Marsh (Old) Force Main Re-Assessment

Status: 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.

CD Paragraph: P10

Sewershed: White Marsh

Project: White Marsh Structural Sewer Rehab - East

Status: Right-of-entry negotiations are ongoing. County is reviewing the baseline project schedule submitted by the design consultant based on the outstanding right-of-entry agreements. The Consent Decree deadline is April 18, 2024.

CD Paragraph: P10

Sewershed: White Marsh

Project: White Marsh Sewer Structural Rehabilitation (West)

Status: The County is proceeding with design and right-of-entry negotiations are ongoing. The Consent Decree deadline is April 18, 2024.

CD Paragraph: P13

Sewershed: Duck Creek

Project: Contract 21162 SX0 Corsica Pump Station Improvement

Status: The County issued the construction Notice to Proceed on January 27, 2022 and construction is ongoing. The County submitted a time of performance extension request to EPA on November 22, 2022. The requested deadline is October 1, 2023.

CD Paragraph: P13

Sewershed: Delmar

Project: Contract 20175 SX0 Fort Howard Pump Station Improvement

Status: The County issued the construction Notice to Proceed on January 27, 2022 and construction is ongoing. The Consent Decree deadline is June 1, 2023.

CD Paragraph: P13

Sewershed: Delmar

Project: Contract 21003 SX0 Lodge Forest Manor Pump Station Improvement

Status: The County issued the construction Notice to Proceed on March 3, 2022 and construction is ongoing. The Consent Decree deadline is October 20, 2023.

CD Paragraph: P13

Sewershed: Delmar

Project: 19175 SX0 Contract Millers Island Pump Station Improvement

Status: The County issued the construction Notice to Proceed on January 6, 2021. Construction is 95 percent completed. The Consent Decree deadline is June 1, 2023.

CD Paragraph: P13

Sewershed: Delmar

Project: Contract 20040 SX0 Penwood Terrace Pump Station Improvement

Status: The County issued the construction Notice to Proceed on May 3, 2021. Construction is 95 percent complete. The Consent Decree deadline is June 1, 2023.

CD Paragraph: P13

Sewershed: Orems

Project: Contract 21135 SX0 Stansbury Manor Pumping Station Replacement

Status: The County issued the construction Notice to Proceed on January 27, 2022. Construction is 46 percent completed. The Consent Decree deadline is April 20, 2024.

Attachment C - CCTV in Response to an SSO

Date of SSO	Location	CCTV Inspection Date	Exemption
10/19/2022	8006 Penwood Avenue		B
10/29/2022	719 Maiden Choice Lane	10/31/2022	
11/4/2022	104 Church Lane	11/15/2022	
11/8/2022	4425 Glenmore Avenue	11/9/2022	
12/1/2022	9830 Reisterstown Road	12/8/2022	
12/5/2022	126 Dumbarton Road	12/7/2022	
12/12/2022	Muddy Guy between 702 and Hyde Park Road		B
12/15/2022	3439 Liberty Gardens Road	12/21/2022	
12/19/2022	9128 Avenue C		B
12/22/2022-12/23/2022	3902 Patterson Avenue		D
12/23/2022	Southern Cross Drive & Parsons Avenue		D
12/23/2022	3909 Southern Cross Drive		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.