



Quarterly Report

**January 1, 2022
Through
March 31, 2022**

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 5
- 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 18
 - Pump Station Overflow Structures 19
 - Non-Pump Station Overflow Structures – Metered 19
 - Attachment A1: Summary of Non-Pumping Station Overflow Structure Monitoring 20
- Attachment B - Construction Non-Pump Station SSO Capital Project Status 21
 - Non-Pump Station SSO Structures 22
 - Pump Station Rehabilitation, Repair and Replacement 23
- Attachment C - CCTV in Response to an SSO 24
- Attachment D - Status of SRRR Plan Implementation 26



i. Executive Summary

The County's corrective action recommendation plan is being implemented, is ongoing and continuing. This report documents progress made during the reporting period. Baltimore County (County) accomplished the following milestones for Consent Decree-related projects:

- Contract advertisements:
 - Bengies and Bird River Structural Improvements construction (21169 SXO)
 - Inspection/assessment contract for the Gray Manor Force Main Finite Element Assessment and Inspection
 - Cockeysville Force Main and Texas Pump Station Influent (21163 SXO)
 - Gray Manor Sewershed Relief Sewers (20130 SXO)
- Contract awards:
 - Essex Sewer Replacement construction (21136 SXO)
 - Assessment contract for the Texas Force Main Cathodic Protection
- Construction notice to proceed issuance:
 - Herring Run Relief Sewer, Basins 17 and 33 (16131 SXO)
 - Stansbury Manor Pumping Station Replacement (21135 SXO)
 - Corsica Pump Station Improvement (21162 SXO)
 - Fort Howard Pump Station Improvement (20175 SXO)
 - Lodge Forest Manor Pump Station Improvement (21003 SXO)

Additionally, the County continued the following work for Consent Decree-related projects:

- Construction for the:
 - Bread and Cheese Sewer Rehabilitation
 - Essex Structural Rehabilitation
 - Gray Manor Sewer Structural Rehabilitation
 - East Branch Herring Run Relief Sewer (14117 SXO)
 - Millers Island Pump Station Improvement
 - Turkey Point Pump Station Improvement
 - Penwood Terrace Pump Station Improvement
 - Essex Structural Sewer Rehabilitation
 - Gray Manor Sewer Rehabilitation
 - Gunpowder Sewer Structural Repairs—On Road
 - Cedar Branch North Fork Relief Sewer (17150 SXO)
 - Patapsco Basin 10 Sewer Rehabilitation
- Design work for the:
 - Cockeysville and Texas Structural Sewer Rehabilitation
 - Gray Manor Interceptor Rehabilitation
 - Stansbury Manor Force Main Replacement
 - Powder Mill Phase II and Phase III
 - Glen Echo Interceptor Relief Sewer
 - Duck Creek Structural Rehabilitation



- Corsica Force Main Replacement
- Dundalk Sewershed Sewer Rehabilitation
- Eastpoint Force Main Relocation
- Gunpowder Pump Station to White Marsh Pump Station System Improvements
- Gunpowder Relief Sewer
- Gunpowder Sewer Structural Repairs-Off Road
- Herring Run Sewer Structural Rehabilitation Phase II
- Long Quarter Force Main Replacement
- Long Quarter South Interceptor Rehabilitation
- Long Quarter North Sewer Rehabilitation
- Long Quarter South Sewer Rehabilitation
- Patapsco Basin 7 Rehabilitation-Road/Off Road
- Patapsco Sewershed Structural Rehabilitation
- Redhouse Run Interceptor Relief Sewer
- Redhouse Run Rehabilitation Phase 2
- Redhouse Run Rehabilitation Phase 3
- Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation
- Stemmers Run Basins 02B and 3 Rehabilitation/Off-Road
- Whitemarsh Sewer Structural Rehabilitation (West)
- Whitemarsh Structural Sewer Rehabilitation (East)
- Procuring a contractor for the:
 - Gwynns Falls Structural Lining in Environmentally Sensitive Areas
 - Redhouse Run Pipeline Rehabilitation Phase 1
- Advertisement preparation for the:
 - Trappe Road Sewer Main Replacement projects



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 January 1, 2021 through March 31, 2022. The Quarterly Report includes historical information, work progress and contracts in place during the reporting period.

The quarterly report documents activities and progress of Baltimore County towards compliance with the requirements set forth in the Consent Decree 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 construction work.

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 miscellaneous 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.

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:

a. Consent Decree projects or requirements certified as complete during the reporting period:

Cedar Beach/Back River Neck Force Main Transition Manhole Rehabilitation

Project certified as substantially completed on March 31, 2022.

Chesaco Park Force Main Repair Valve Vault Waterproofing

Project certified as substantially completed on February 28, 2022.

Delmar Force Main - Valve Vault Waterproofing

Project certified as substantially completed on March 1, 2022.



Eastpoint Relief Sewer

Project certified as substantially completed on January 14, 2022.

Essex and Duck Creek (Bridge) Force Main Exterior Cleaning

Project certified as substantially completed on January 4, 2022.

Miller Island Force Main Valve Vault Waterproofing

Project certified as substantially completed on March 1, 2022.

Turkey Point Force Main Valve Vault Waterproofing

Project certified as substantially completed on February 28, 2022.

Willow Avenue Force Main Valve Vault Waterproofing

Project certified as substantially completed on March 1, 2022.

Substantial completion, as defined in Paragraph IV, Item CC of the Consent Decree means, the date, as certified by the Engineer in charge of a construction project, when the construction project or specified part thereof is sufficiently completed, in accordance with the contract documents, such that the project or specified part thereof can be used to accomplish the purposes for which it was intended.

b. Consent Decree requirements due to be completed during the reporting period, but not completed:

Bengies and Bird River Structural Improvements Project (Contract 21169 SXO)

On February 10, 2022, the County submitted a time of performance extension request for the Bengies and Bird River Structural Improvements Project. The Consent Decree deadline for completing the project was September 29, 2020. As described in the County's March 15, 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. Acquisitions are now complete and the contract had a bid opening on April 25, 2022. The requested deadline to complete the project is September 6, 2023.

Bread and Cheese Sewer Rehabilitation Project

On March 3, 2022, the County submitted a second time of performance extension request for the Bread and Cheese Sewer Rehabilitation Project. The Consent Decree deadline for completing the project was September 29, 2020. As stated in the original May 28, 2020 time of performance extension request, the County acquired the last right of entry agreement and began procuring a contract



to complete the construction work. During construction, the contractor identified 54 sewers that were originally planned to have miscellaneous in-situ spot repairs. The original scope of work was expanded to include the rehabilitation of the entire length of the 54 sewers. The expanded scope of work slightly delayed completion of the project; therefore, the County has requested an additional 3 months to complete the project. The new requested deadline is June 6, 2022.

Cockeysville and Texas Structural Sewer Rehabilitation Project (Contract 21294 SXO)

On February 8, 2022, the County submitted a time of performance extension request for the Cockeysville (and Texas) Structural Sewer Rehabilitation project. The Consent Decree deadline for completing the project was September 29, 2020. As stated in the County's March 15, 2019 potential delay notification letter, private property rights-of-entry negotiation and acquisition were required for the project, which has delayed completion of the design work. Acquisitions are now completed and the project will be advertised as soon as the permits have been acquired. The requested deadline is October 6, 2023.

Gwynns Falls Structural Lining in Environmentally Sensitive Areas Project

On March 3, 2022, the County submitted a second time of performance extension request for the Gwynns Falls Structural Lining in Environmentally Sensitive Areas project. The Consent Decree deadline for completing the project was September 6, 2018. As stated in the original December 7, 2021 time of performance extension request, the County issued 15-day notification letters to the property owners with the outstanding right-of-entry agreements. No responses were received; therefore, the County began procuring an on-call contractor to complete the construction work. The work was expected to be completed by May 6, 2022; however, contractor procurement has taken longer than originally anticipated, which has delayed completion of the construction work. The County is processing the construction contract procurement documents and, after complete, will issue notice to proceed to the on-call contractor. The new requested deadline is October 6, 2022.

Herring Run Relief Sewer, Basins 17 and 33 Project (Contract 16131 SXO)

On February 28, 2022, the County submitted a time of performance extension request for the Herring Run Relief Sewer, Basins 17 and 33 project. The Consent Decree deadline for completing the project was September 6, 2018. As described in the County's May 7, 2014 potential delay notification, the project may experience delays due to private property rights-of-entry negotiation and acquisition. 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 County issued notice to proceed for construction work for on February 11, 2022 while condemnation is ongoing. The relief sewer will be constructed upstream and downstream of the planned condemned property. Once condemnation is



finalized, the County will complete construction of the portion of the relief sewer that is being delayed by condemnation. The requested deadline is September 6, 2023.

Orems Basin 03 Relief Sewer Project (Contract 21144 SXO)

On January 28, 2022, the County submitted a second time of performance extension request for the Orems Basin 03 Relief Sewer project. The Consent Decree deadline to complete the project was September 29, 2020. As stated in the original September 7, 2021 time of performance extension request, the construction contract notice to proceed for the project was issued on August 2, 2021. However, on October 12, 2021, the contractor informed the County that pipe material procurement may delay project completion. Despite the contractor's continued efforts to resolve the procurement issue, the County submitted the second time of performance extension request. During the 4th quarter of 2021, the low bidder defaulted on the contract. The bond holder is arranging with a contractor to complete this contract. The new requested deadline is June 22, 2022.

c. Problems that may prevent the County from meeting future Consent Decree compliance deadlines:

i) Aiken Avenue and Queen Anne Drive SSO Elimination (Contract 14117 SXO)

On January 4, 2022, the County submitted a time of performance extension request to eliminate the Aiken Avenue (SSO 41) and Queen Anne Drive (SSO 129) sanitary sewer overflow structures. The Consent Decree deadline to complete the eliminations is August 3, 2023. The time extension request is needed due to unanticipated construction site conditions. The requested deadline is December 4, 2023.

ii) Long Quarter Force Main Testing Project

On January 18, 2022, the County submitted a potential delay notification for the Long Quarter Force Main Testing project. The Consent Decree deadline to complete the project is April 18, 2024. The project requires highly specialized equipment and technical expertise to complete, which significantly limits contractor/consultant availability. Therefore, the County required additional time than originally anticipated to develop and advertise a contract to procure the specialized services. The County will submit a time of performance request for the project, if needed.

iii) Turkey Point Pump Station Improvement Project (Contract 19159 SXO)

The Consent Decree deadline to complete the Turkey Point Pump Station Improvement Project is June 1, 2022. In March 2022, the County was informed by the construction contractor that supply chain issues will delay delivery of the



pump station's permanent backup generator and; therefore, substantial completion of the project. The pump station is anticipated to be operational by the June 1, 2022 deadline and will be powered by the primary electrical feed service; however, any electrical service disruption will be mitigated by a temporary backup generator until the permanent generator is installed, tested and the County issues substantial completion of the project. Since the pump station will be operational by the June 1, 2022 Consent Decree deadline, a time of performance extension request is not needed.

iv) Cockeysville SRRR Plan Implementation

Cockeysville Force Main Lining Project (Contract 21163 SXO)

On January 28, 2022, the County submitted a time of performance extension request for the Cockeysville Force Main Lining project. The Consent Decree deadline to complete the project was September 29, 2020. As described in the County's March 15, 2019 potential delay notification, the project requires additional time to complete the design work including adding to the project other sewer structural repair work, which is located in the same sewer service area. The County believes that expanding the design and construction scope of work maximizes the County's financial and contractor resource efficiencies; however, the expanded scope of work further delayed the project. The contract has a bid opening scheduled for May 3, 2022. The requested deadline is April 6, 2023.

v) Delmar SRRR Plan Implementation

Delmar SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Delmar SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Delmar Sewershed. The requested deadline is September 18, 2024.

The following projects are currently in design:

- Glen Echo Interceptor Relief Sewer – reference project summary below.

The following projects are currently in construction:

- Delmar Sewershed Sewer Rehabilitation – time of performance extension request submitted on December 7, 2021. The requested deadline is January 10, 2023.
- Lodge Forest Manor Force Main Transition Manhole Rehabilitation – work completed on March 22, 2022.



Glen Echo Interceptor Relief Sewer Project

On March 2, 2022, the County submitted a time of performance extension request for the Glen Echo Interceptor Relief Sewer. The Consent Decree deadline to complete the project is April 18, 2022. As described in the County's January 18, 2022 potential delay notification, the project has been delayed due to the time required to negotiate and acquire private property easements. After five (5) years of communication with the Maryland Department of Natural Resources (DNR), the County was recently informed that DNR is not the property owner. Since the property owner(s) are unknown, the County is proceeding with condemnation. The requested deadline is September 18, 2024.

Lodge Forest Manor Force Main Cleaning Project

On March 24, 2022 the County submitted a time of performance extension request for the Lodge Forest Manor Force Main Cleaning project. The Consent Decree deadline to complete the project is April 18, 2022. As stated in the County's September 2, 2021 potential delay notification, 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. On June 3, 2021, the County submitted a time of performance extension request for the Lodge Forest Manor Pump Station Improvement project to extend the Consent Decree deadline for the project to October 20, 2023. The County will complete supplemental inspection/testing of the Lodge Forest Manor force main to assess the condition of the force main. The supplemental inspection/testing will be performed after the County completes the Lodge Forest Manor Pump Station Improvement Project. The requested deadline to complete the Lodge Forest Manor Force Main Cleaning project is March 18, 2024.

vi) Duck Creek SRRR Plan Implementation

Duck Creek SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Duck Creek SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Duck Creek Sewershed. The requested deadline is May 18, 2024.

The following project is currently in design:

- Duck Creek Structural Rehabilitation – reference project summary below

Duck Creek Structural Rehabilitation Project

On February 1, 2022, the County submitted a time of performance extension request for the Duck Creek Structural Rehabilitation project. The Consent Decree



deadline to complete the project is April 18, 2022. As described in the County's February 5, 2020 potential delay notification, the project requires extra time to complete design work due to the addition of sewer structural repair work to the project, which is located in the same service area. The County believes that expanding the design and construction scope of work maximizes the County's financial and contractor resource efficiencies; however, the expanded scope of work delayed the project. The requested deadline is May 18, 2024.

vii) Dundalk SRRR Plan Implementation

Dundalk SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Dundalk SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Dundalk Sewershed. The requested deadline is September 18, 2027.

The following project is currently in design:

- Dundalk Sewershed Sewer Rehabilitation – reference project summary below

Dundalk Sewershed Sewer Rehabilitation Project

On March 3, 2022, the County submitted a time of performance extension request for the Dundalk Sewershed Sewer Rehabilitation project. The Consent Decree deadline to complete the project is April 18, 2022. As described in the County's November 22, 2019 potential delay notification, multiple private property rights-of-entry must be negotiated and acquired for the project, which has delayed completion of the project. Design work is complete; however, there are remaining outstanding right-of-entry acquisitions. The requested deadline is January 18, 2027.

viii) Eastpoint SRRR Plan Implementation

Eastpoint SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Eastpoint SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Eastpoint Sewershed. The requested deadline is June 18, 2024.

The following project is currently in design:

- Eastpoint Force Main Relocation – reference project summary below



The following project is currently in construction:

- Eastpoint Sewershed Sewer Rehabilitation – reference project summary below

Eastpoint Force Main Relocation Project

On February 10, 2022, the County submitted a time of performance extension request for the Eastpoint Force Main Relocation project. The Consent Decree deadline to complete the project is April 18, 2022. The project requires additional time to complete the design work and acquire anticipated regulatory permits. The requested deadline is June 18, 2024.

Eastpoint Sewershed Sewer Rehabilitation Project (Contract 18141 SXO)

On March 3, 2022, the County submitted a time of performance extension request for the Eastpoint Sewershed Sewer Rehabilitation Project. The Consent Decree deadline to complete the project is April 18, 2022. As described in the County's January 4, 2022 potential delay notification, private property right-of-entry negotiation and acquisition were required for the project, which delayed completion of the design work. Acquisitions are now complete. Notice to proceed was issued on December 1, 2021. The requested deadline is August 25, 2022.

ix) Essex SRRR Plan Implementation

Essex SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Essex SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Essex Sewershed. The requested deadline is April 18, 2023.

The following projects are currently in construction:

- Essex Sewer Replacement – reference project summary below
- Essex Structural Sewer Rehabilitation – reference project summary below
- Marlyn Manor Force Main Transition Manhole Rehabilitation – work completed on March 22, 2022

Essex Sewer Replacement Project (Contract 21136 SXO)

On February 10, 2022, the County submitted a time of performance extension request for the Essex Sewer Replacement project. The Consent Decree deadline to complete the project is April 18, 2022. As stated in the County's September 2, 2021 potential delay notification, additional time is needed to complete supplemental field investigations and alternatives analysis and to revise the project scope of work accordingly. Design work is complete. Notice to proceed was issued on February 4, 2022. The requested deadline is April 18, 2023.



Essex Structural Sewer Rehabilitation Project (Contract 18110 SXO)

On March 29, 2022, the County submitted a time of performance extension request for the Essex Structural Rehabilitation Project. The Consent Decree deadline to complete the project is April 18, 2022. Notice to proceed for the project was issued on August 2, 2021. On March 8, 2022, the contractor provided an updated project schedule which informed the County that construction completion is anticipated on August 30, 2022 due to COVID-related delays and pipe material procurement issues. The requested deadline to complete the project is October 18, 2022.

Essex Force Main Replacement Projects

The Essex SRRR Plan included a recommendation to increase the size of the Essex (Submarine) and Essex (Bridge) force mains. In 2020, the force mains were relocated to accommodate the City of Baltimore Back River Wastewater Treatment Plant Headworks Project. The size of approximately half of both force mains was increased on that date. The force main work that has been completed is expected to change hydraulic conditions, reducing the likelihood of model-predicted sanitary sewer overflows at the Essex Pump Station. Additionally, the significant amount of recently-completed sewer rehabilitation work that is located in the pump station tributary area is expected to reduce the amount of flow to the Essex Pump Station, which may preclude further work on either force main. The County will analyze the actual and model-predicted hydraulic conditions of the Essex Pump Station and both force mains as part of the Essex Sewershed Performance Assessment to confirm that no additional force main work is needed.

x) Gray Manor SRRR Plan Implementation

Gray Manor SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Gray Manor SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Gray Manor Sewershed. The requested deadline is July 18, 2025.

The following project is currently in design:

- Gray Manor Interceptor Rehabilitation – reference project summary below

The following projects are currently in construction:

- Gray Manor Structural Sewer Rehabilitation – reference project summary below
- Old Battle Grove Force Main Transition Manhole Rehabilitation – work completed on March 22, 2022



The following projects are currently awaiting contract award:

- Gray Manor Force Main Finite Element Assessment (FEA) and Inspection – reference project summary below

The following projects have a contract awarded and are pending assignment to a consultant:

- Gray Manor Sewershed Relief Sewers – reference project summary below

Gray Manor Interceptor Rehabilitation Project

On March 2, 2022, the County submitted a time of performance extension request for the Gray Manor Interceptor Rehabilitation Project. The Consent Decree deadline to complete the project is April 18, 2022. 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. The requested deadline is July 18, 2025.

Gray Manor Sewer Structural Rehabilitation Project (19003 SXO)

Notice to proceed was issued on January 4, 2021. On January 27, 2022, the County submitted a time of performance extension request for the Gray Manor Sewer Structural Rehabilitation project. The Consent Decree deadline to complete the project is April 18, 2022. The project requires additional time to clean and prepare the sewers for 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 requested deadline is July 18, 2022.

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

On March 10, 2022, the County submitted a time of performance extension request for the Gray Manor Force Main FEA and Inspection project. The Consent Decree deadline to complete the project is April 18, 2022. As stated in the County's January 18, 2022 potential delay notification, additional time is needed to develop and advertise a contract to procure the specialized services for the project. The County has advertised a contract for inspection services and anticipates award in spring 2022. The first assignment under the contract will be an inspection and FEA of the Gray Manor force main. The requested deadline is February 18, 2023.

Gray Manor Sewershed Relief Sewers Project (Contract 20130 SXO)

On March 16, 2022, the County submitted a time of performance extension request for the Gray Manor Sewershed Relief Sewers project. The project has since been separated into three projects – (1) Lynch Road Sewer Replacement project, (2) North Point Boulevard Replacement project and (3) Trappe Road



Sewer Main Replacement project. The Consent Decree deadline to complete the projects is April 18, 2022. Design is complete for all three projects and the County is tentatively scheduled to advertise the construction contracts in March 2022. The projects have been delayed due to the time required to obtain the required environmental permits. The requested deadline for three relief sewer contracts is June 18, 2023.

xi) Orems SRRR Plan Implementation

Stansbury Manor Force Main Replacement

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 requested deadline is March 9, 2025.

xii) Texas SRRR Plan Implementation

Texas SRRR Plan Implementation Certification

On March 29, 2022, the County submitted a time of performance extension request for the Texas SRRR Plan Implementation certification. The Consent Decree deadline for certification is April 18, 2022; however, certification is contingent upon completion of the outstanding improvement projects that are located in the Texas Sewershed. The requested deadline is October 6, 2022.

The following projects are currently in design:

- Cockeysville and Texas Structural Rehabilitation – reference project summary below

The following projects have a contract awarded and are pending assignment to a consultant:

- Texas Force Main Cathodic Protection – reference project summary below

Cockeysville and Texas Structural Rehabilitation Project (Contract 21294 SXO)

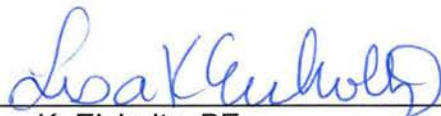
On February 28, 2022, the County submitted a time of performance extension request for the (Cockeysville and) Texas Structural Rehabilitation project. The Consent Decree deadline to complete the project is April 18, 2022. As stated in the County's July 10, 2019 potential delay notification letter, private property rights-of-entry negotiation and acquisition were required for the project, which has delayed completion of the design work. Once the remaining permits are acquired, the project will be advertised. Advertisement is expected in May 2022. The requested deadline is October 6, 2023.



Texas Force Main Cathodic Protection Project

On February 22, 2022, the County submitted a time of performance extension request for the Texas Force Main Cathodic Protection project. The Consent Decree deadline to complete the project is April 18, 2022. As stated in the County's December 7, 2021 potential delay notification, the project requires highly specialized technical expertise to complete the work; therefore, the County advertised and recently awarded a contract to procure the specialized services needed for this analysis. One of the first studies to be assigned under the new contract is to evaluate the cathodic protection requirements for the Texas Force Main. The requested deadline is April 18, 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. 430



Attachment A - Discharges from Overflow Structures



Pump Station Overflow Structures

None

Non-Pump Station Overflow Structures – Metered

None



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

Date of Rain Event		None
Rain (inches)		0
SSO Name	SSO ID	
Alter Road	22	0
Southern Cross Drive	23A	0
Southern Cross	23B	0
Patterson Avenue	24	0
Overbrook Road & Medwick Garth	118	0
Marnat Road	113	0
Aiken Avenue	41	0
Queen Anne Drive	129	0



Attachment B - Construction Non-Pump Station SSO Capital Project Status



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 1/26/21 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 it is being redesigned.
East Branch Herring Run Relief Sewer – 14117 SX0 (SSO 41 & 129)	2/5/2020	Herring Run	3/20/2018	8/3/2023	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 is necessary due to unanticipated construction site conditions. This project is approximately 85% complete.
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.	Original Consent Decree Deadline	Project Phase	Construction Notice to Proceed Date
Millers Island	19175 SXO	6/1/2023	Construction	1/6/2021
Turkey Point	19159 SXO	6/1/2022	Construction	1/16/2021
Penwood Terrace	20040 SXO	6/1/2023	Construction	5/3/2021
Stansbury Manor	21135 SXO	3/20/2020	Construction	1/27/2022
Corsica	21162 SXO	6/1/2023	Construction	1/27/2022
Fort Howard	20175 SXO	6/1/2023	Construction	1/26/2022
Lodge Forest Manor	21003 SXO	3/20/2020	Construction	3/23/2022



Attachment C - CCTV in Response to an SSO



Date of SSO	Location	CCTV Inspection Date	Exemption
1/3/2022	1 Greenridge Road	1/3/2022	-
1/12/2022	Franklin Square Boulevard and Lionhead Court	1/18/2022	-
2/11/2022	8913 Grove Road	2/18/2022	-
2/23/2022	1221 Idylwood Road	2/24/2022	-
2/24/2022	2107 East Boundary Avenue	2/24/2022	-

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	2/10/2022	9/6/2023	21169 SX0	7/18/2022
Bird River	Bengies and Bird River Structural Repairs	9/29/2020	3/15/2019	2/10/2022	9/6/2023	21169 SX0	7/18/2022
Bread & Cheese	Bread & Cheese Sewer Rehabilitation	9/29/2020	7/10/2019	3/3/2022	6/6/2022	17178SX0	3/9/2021
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	-	10/5/2022
Delmar	Glen Echo Interceptor Relief Sewer	4/18/2022	11/22/2019	3/2/2022	9/18/2024	-	8/9/2023
Delmar	Delmar Sewershed Sewer Rehabilitation	4/18/2022	3/31/2021	12/7/2021	1/10/2023	18034 SX0	8/26/2021
Duck Creek	Duck Creek Structural Rehabilitation	4/18/2022	2/5/2020	2/1/2022	5/18/2024	-	4/26/2023
Duck Creek	Corsica Force Main Replacement	4/18/2022	8/11/2021	12/7/2021	8/18/2023	-	10/27/2022
Dundalk	Dundalk Sewershed Sewer Rehabilitation	4/18/2022	11/22/2019	3/3/2022	1/18/2027	-	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	3/3/2022	8/25/2022	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 Structural Sewer Rehabilitation	4/18/2022	None	1/27/2022	7/18/2022	19003SX0	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	20130 SX0	10/3/2022
Gray Manor	North Point Boulevard Sewer Replacement	4/18/2022	6/19/2019	3/16/2022	6/18/2023	20193 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)/Copen 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 SXO	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	5/6/2022	10/6/2022	16059 SX0	12/17/2021
Gwynns Falls	Lower Powder Mill Sewer Rehabilitation	9/6/2018	-	-	-	16169 SX0	1/21/2021
Gwynns Falls	Powder Mill Relief Sewer Phase II	9/6/2018	-	-	-	-	3/11/2024
Herring Run	Herring Run Relief Sewer, Basin 17 & 33	9/6/2018	3/8/2018	2/28/2022	9/2/2023	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 South Interceptor Rehabilitation	4/18/2024	-	-	-	-	2/26/2024
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	1/28/2022	6/22/2022	21144SX0	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	Cedar Branch North Fork Relief Sewer	9/6/2021	4/22/2019	9/2/2021	9/6/2022	17150SX0	8/13/2021
Patapsco	Patapsco Basin 7 Rehabilitation-Roads/Off Road	9/6/2021	10/28/2018	9/2/2021	4/6/2024	-	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



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
Patapsco	Patapsco Sewershed Structural Rehabilitation	9/6/2021	10/28/2018	9/2/2021	10/6/2024	-	3/10/2023
Redhouse Run	Redhouse Run EQ Tank	4/18/2024	-	-	-	-	11/8/2023
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
Redhouse Run	Redhouse Run Pipeline Rehab Phase 2	4/18/2024	-	-	-	-	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	-	-	-	19002 SX0	1/26/2023
Stemmers Run	Stemmers Run Basins 02B and 3 Rehab./Off-Road	9/6/2024	-	-	-	-	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 SXO	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



Substantially Completed SRRR Plan implementations

Sewershed	Comments ¹
Delmar	Lodge Forest Manor Force Main Transition Manhole Rehabilitation completed 3/22/2022.
Essex	Marlyn Manor Force Main Transition Manhole Rehabilitation completed 3/22/2022.
Gray Manor	Old Battle Grove Force Main Transition Manhole Rehabilitation completed 3/22/2022.
Patapsco	PA-SPI004 On-Call Task Order completed 3/22/2022. PA-SPI006 On-Call Task Order completed 3/22/2022. PA-SPI007 On-Call Task Order completed 3/30/2022.

¹ Refer to active SRRR Plan projects table for project status.

