



**Quarterly Report  
Q3 2024  
Consent Decree Civil No. AMD 05-2028**

**July 1, 2024  
Through  
September 30, 2024**

Baltimore County, MD  
Department of Public Works and Transportation

PURSUANT TO PARAGRAPH 19, OF THE CONSENT DECREE CIVIL No. AMD 05-2028 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

Baltimore County's implementation of the Corrective Actions recommended within the Sewershed Repair, Replacement and Rehabilitation (SRRR) Plans is ongoing through the 3<sup>rd</sup> Quarter of 2024. This report discusses and documents progress made during the reporting period. In addition to the planning, design and construction of capital projects, the County continues to plan and prioritize operation/maintenance work. Below is a summary of Consent Decree project status at the end of Q3 2024.

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

### **Notable construction completion and accomplishments during this quarter:**

- Cockeysville Force Main & Texas Pump Station Influent Pipe Rehabilitation (21163 SX0)
- North Point Boulevard Relief Sewer (21093 SX0)
- Redhouse Run Pipeline Rehabilitation Phase I (21002 SX0)
- Redhouse Run Pipeline Rehabilitation Phase II (21020 SX0)
- Continued Implementation of the Asset Management Plan
- SSO Monitoring and Reporting
- SSO Overflow Response Plan

### **In Construction:**

- Dundalk Sewershed Sewer Rehabilitation (23003 SX0)
- East Branch Herring Run Relief Sewer- SSOs 41 & 129 (14117 SX0)
- Long Quarter North Sewer Rehabilitation (23002 SX0)
- Long Quarter South Sewer Rehabilitation (21001 SX0)
- Lynch Road Relief Sewer (21092 SX0)
- Orems Basin 03 Relief Sewer (21144 SX0)
- Patapsco Basin 7 Rehabilitation-Roads/Off Road (17107 SX0)
- Trappe Road Relief Sewer (20130 SX0)

### **Construction Advertisement Preparation for:**

- Gray Manor Interceptor Rehabilitation - Task 12 (21202 SX0)

### **Contract Award for:**

- Duck Creek Structural Rehabilitation (23087 SX0)
- Stemmers Run Basin SR05 and SR06 Sewer Rehabilitation (19002 SX0)
- Whitmarsh Sewer Structural Rehabilitation- West (19031 SX0)

### **Currently under Design:**

- Gunpowder Pump Station to Whitmarsh Pump Station System Improvement
- Gunpowder Relief Sewer
- Gunpowder Sewer Structural Repairs Off Road (21272 SX0)
- Herring Run Sewer Structural Rehabilitation Phase II (17031 SX0)



- Jennifer Branch Relief Sewer (20127 SX0)
- Long Quarter South Interceptor Rehabilitation
- Long Quarter Force Main Replacement
- Patapsco Sewershed Structural Rehabilitation (19007 SX0)
- Powder Mill Relief Sewer Phase III
- Redhouse Run Interceptor Relief Sewer
- Redhouse Run Pipeline Rehabilitation Phase III
- Stansbury Manor Force Main Replacement (19317 SX0)
- Stemmers Run Basins 02B and 03 Rehabilitation Off Road (15269 SX0)
- Whitemarsh Sewer Structural Rehabilitation- East (20151 SX0)

**In Condemnation:**

- Glen Echo Interceptor Relief Sewer (21096 SX0)

**Assessment/Analysis for:**

- Redhouse Run Equalization Tank
- Whitemarsh (Old) Force Main Re-assessment



## ii. Introduction

Pursuant to Paragraph 19 of the Consent Decree between Baltimore 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 (VI. Reporting Requirements, 19. Quarterly Reporting) for the period **July 1, 2024** through **September 30, 2024**.

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 during the quarter being reported including:

- Summaries of Non-Pump Station and Pump Station SSO structure discharges,
- Status of Construction project status,
- Status of Collection system inspection,
- Status of SRRR plan implementation,
- Status of FOG Program,
- Status of Supplemental Environmental Projects,
- Status of Compliance issues,
- Status of Collection system cleaning,
- Status of Performance Assessment preparation,
- Status of Work progress and contracts

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

Discharges from Pump Station and Non-Pump Station SSO structures are summarized in **Attachment A**.

A summary of Non-Pump Station overflow structure monitoring is included in **Attachment A1**.

## iv. Capital Improvement Projects Status

A summary of all active Consent Decree related Capital Improvement projects is provided in **Attachment B including:**

- 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 throughout the county and stages of planning, design, and construction. A summary of all active capital improvement projects that are associated with the Consent Decree is provided in **Attachment B**. The implementation of the improvement projects is proceeding. However, acquisition of required rights-of-way and regulatory permits may require a significant amount of time thereby resulting in possible delays to complete the projects.

The County's implementation of capital improvement projects contained within the SRRR Plans for meter basins that exhibited excessive I/I and also 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 completed during construction. The County is using data from the 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, which is the date the project can be used to accomplish the purposes for which it was intended.

**vii. FOG Program**

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

**viii. Supplemental Environmental Project Status**

Completed.

**ix. Compliance Summary**

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

The County completed implementation of the Texas SRRR Plan.

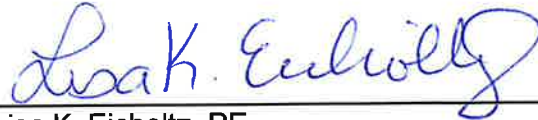
**ii) Problems that may prevent the County from meeting future Consent Decree compliance deadlines:**

None.



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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.



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

Control Document No. 533



**Attachment A - Discharges from Pump Station and Non-Pump  
Station Overflow Structures**





**Pump Station Overflow Structures**

<b>Name</b>	Red House Run
<b>Address</b>	1100 68 <sup>th</sup> Street and Lake Drive
<b>Date Of Discharge</b>	8/3/2024
<b>Duration Of Overflow</b>	55 minutes
<b>Date Of Relevant Weather Conditions</b>	8/3/2024
<b>Description Of Relevant Weather Conditions</b>	Wet
<b>Gallons Discharged</b>	197,000
<b>Receiving Waters</b>	Back River
<b>Identified Cause</b>	Pump Station lost the primary and secondary electrical service feeder.
<b>Details Of Corrective Action Taken or Planned</b>	Contacted BGE to restore feeder.

**Non-Pump Station Overflow Structures – Metered**

<b>Name</b>	Overbrook Road
<b>SSO ID</b>	118
<b>Address</b>	Overbrook Road & Medwick Garth
<b>Date of Discharge</b>	8/18-19/2024
<b>Duration of Overflow</b>	2 hours 28 minutes
<b>Date of Relevant Weather Conditions</b>	8/18-19/2024
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	97,513
<b>Receiving Waters</b>	Maiden's Choice Creek
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity.
<b>Details of Corrective Action Taken or Planned</b>	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.

<b>Name</b>	Overbrook Road
<b>SSO ID</b>	118
<b>Address</b>	Overbrook Road & Medwick Garth
<b>Date of Discharge</b>	8/18-19/2024
<b>Duration of Overflow</b>	42 minutes
<b>Date of Relevant Weather Conditions</b>	9/26/2024
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	16,830
<b>Receiving Waters</b>	Maiden's Choice Creek
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity.
<b>Details of Corrective Action Taken or Planned</b>	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.



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

Date of Rain Event		July 2024		August 2024		September 2024		Total Overflows
SSO Name	SSO ID	Rainfall Max/Total	Over-flows	Rainfall Max/Total	Over-flows	Rainfall Max/Total	Over-flows	
Alter Road	22	0.46/1.57	-	2.17/7.73	-	1.10/3.49	-	-
Southern Cross Drive	23A		-		-		-	
Southern Cross/Parsons	23B		-		-		-	
Patterson Avenue	24		-		-		-	
Nunnery Lane	116	0.76/2.44	-	2.26/8.68	-	1.59/4.65	-	-
Briarwood Road	117		-		-		-	
Overbrook Road & Medwick Garth	118		-		1		1	2
Marnat Road	113	0.76/1.35	-	1.89/6.56	-	0.95/3.62	-	-
Aiken Avenue	41	0.68/2.03	-	2.16/6.91	-	1.43/4.07	-	-
Queen Anne Drive	129		-		-		-	



# **Attachment B – Summary of Active Consent Decree Capital Improvement Projects**



## CD Paragraph: P7 SSO Elimination

### Sewershed: Gwynns Falls

**Project:** Powder Mill Relief Sewer Phase III

**Status:** The design consultant is coordinating with Baltimore City to get the City approvals and permits.

### Sewershed: Herring Run

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

**Status:** Construction is ongoing.

### 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 undetermined SSO elimination date. A second time extension request with a definitive SSO elimination date will be submitted after Baltimore 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 of Baltimore.

### Sewershed: Jones Falls

**Project:** Elimination of SSO 113

**Status:** On June 22, 2016, the County submitted a time extension request with an undetermined SSO elimination date. A second time extension request with a definitive SSO elimination date will be submitted after Baltimore 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 of Baltimore.



## CD Paragraph: P10 SRRR Plans

### Sewershed: Delmar

**Project:** Contract 20196 SX0 Glen Echo Interceptor Relief Sewer

**Status:** Project is on hold until the condemnation process is completed. The County submitted a revised time extension letter on September 12, 2024. The Consent Decree deadline requested for completion of the Delmar SRRR plan is December 10, 2026.

### Sewershed: Duck Creek

**Project:** Contract 23087 SX0 Duck Creek Structural Rehabilitation

**Status:** The County advertised the construction contract on August 30, 2024. Award process is ongoing.

### Sewershed: Dundalk

**Project:** Contract 23003 SX0 Dundalk Sewershed Sewer Rehabilitation

**Status:** Construction is ongoing.

### Sewershed: Gray Manor

**Project:** Contract 21202 SX0 Gray Manor Interceptor Rehabilitation - Task 12

**Status:** The County is preparing the advertisement package. The County anticipates advertising the project soon.

**Project:** Contract 21092 SX0 Lynch Road Relief Sewer

**Status:** Construction is ongoing.

**Project:** Contract 20130 SX0 Trappe Road Relief Sewer

**Status:** Construction is ongoing.

### Sewershed: Gunpowder

**Project:** Gunpowder Relief Sewer

**Status:** The County is continuing with design work, permitting and easement acquisition.

**Project:** Contract 21272 SX0 Gunpowder Sewer Structural Repairs (Off Road)



**Status:** The County is continuing with permitting, and obtaining right-of-entry agreements.

**Project:** Contract 20127 SX0 Jennifer Branch Relief Sewer

**Status:** The County is continuing with design work, permitting and easement acquisition.

### **Sewershed: Herring Run**

**Project:** Contract 17031 SX0 Herring Run Sewer Structural Rehabilitation Phase II

**Status:** The County is preparing Bid Ready documents and anticipates advertising the construction contract soon.

### **Sewershed: Long Quarter**

**Project:** Long Quarter Force Main Replacement

**Status:** Design, permitting and easement acquisition are ongoing.

**Project:** Contract 23002 SX0 Long Quarter North Sewer Rehabilitation

**Status:** The County issued the construction Notice to Proceed on August 26, 2024 and construction work started.

**Project:** Contract 21001 SX0 Long Quarter South Sewer Rehabilitation

**Status:** The County issued the construction Notice to Proceed and construction work started.

**Project:** Long Quarter South Interceptor Rehabilitation

**Status:** There is a water project that overlaps the proposed buried bypass with this project. County is revising plans and schedule to accommodate design, resubmit environmental permitting and right-of-entry acquisition.

### **Sewershed: Orems**

**Project:** Contract 21144 SX0 Orems Basin 03 Relief Sewer

**Status:** Construction is On-Hold. Only part of the CD required work is complete with the current project. Construction completed under contract (21144 SX0) has improved the sewer system capacity.



## **Sewershed: Patapsco**

**Project:** Contract 19007 SX0 Patapsco Sewershed Structural Rehabilitation

**Status:** Permitting is ongoing. The County anticipates advertising the construction contract soon. The County submitted a revised time extension letter on September 27, 2024. The Consent Decree deadline requested for completion of the Patapsco SRRR plan is December 16, 2027.

**Project:** Contract 17107 SX0 Patapsco Basin 7 Rehabilitation

**Status:** Construction is ongoing.

## **Sewershed: Redhouse Run**

**Project:** Redhouse Run Pipeline Rehabilitation Phase III

**Status:** The County is continuing with pre-final design work and obtaining permit and right-of-entry acquisitions.

**Project:** Redhouse Run Interceptor Relief Sewer

**Status:** Design, permitting and easement acquisition are ongoing. Redesign is required due to coordination with EPA 68<sup>th</sup> Street Superfund site mitigation plan.

## **Sewershed: Stemmers Run**

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

**Status:** Bid opening was on October 8, 2024. Award process is ongoing. The County submitted a time extension letter on August 22, 2024. The Consent Decree deadline requested for completion of the Stemmers Run SRRR plan is September 7, 2027.

**Project:** Contract 15269 SX0 Stemmers Run Basins 02B and 03 Rehabilitation (Off Road)

**Status:** Permitting and easement acquisition are ongoing.

## **Sewershed: Whitemarsh**

**Project:** Gunpowder Pump Station to Whitemarsh Pump Station System Improvement

**Status:** Design, permitting and easement acquisition are ongoing.

**Project:** Contract 20151 SX0 Whitemarsh Structural Sewer Rehabilitation (East)

**Status:** Design and permitting are ongoing. All easement acquisitions have been obtained.



**Project:** Contract 19031 SX0 Whitemarsh Sewer Structural Rehabilitation (West)

**Status:** The County advertised the construction contract on August 2, 2024. Award process is ongoing.

## **CD Paragraph: P10 Assessment/Analysis Projects**

### **Sewershed: Redhouse Run**

**Project:** Redhouse Run EQ Tank

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

### **Sewershed: Whitemarsh**

**Project:** Whitemarsh Force Main (Old) Re-Assessment

**Status:** Consultant will evaluate the internal and external condition of Force Main pipes, valves and provide a report. Assessment is ongoing.

## **CD Paragraph: P13 Pump Stations**

All Consent Decree Projects under Paragraph 13 have been completed successfully.





## **Attachment C - CCTV in Response to SSOs**



Date of SSO	Location	CCTV Inspection Date	Exemption
7/16/2024	11300 Pulaski Highway	7/23/2024	
7/18/2024	7800 Park Heights Avenue	7/21/2024	
8/10/2024	615 Hyde Park Road		B
8/12/2024	7632 Carla Road	8/14/2024	
8/19/2024	Overbrook Road & Medwick Garth SSO 118		D
8/19/2024	7400 Johnnycake Road	8/21/2024	
8/31/2024	1A University Avenue	9/2/2024	
9/26/2024	Overbrook Road & Medwick Garth SSO 118		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 - Building Backups Summary



<b>Attachment D - Building Backups Summary</b>		
<b>July 2024</b>	<b>August 2024</b>	<b>September 2024</b>
7/8/2024 524 BAYSIDE DR, DUNDALK, MD, 21222	8/3/2024 611 RIVERSIDE RD, ESSEX, MD, 21221	9/3/2024 43 OVERBROOK RD, CATONSVILLE, MD, 21228
7/9/2024 3241 RYERSON CIR, HALETHORPE, MD, 21227	8/5/2024 1916 QUEENSWAY, DUNDALK, MD, 21222	9/8/2024 142 E TIMONIUM RD, LUTHERVILLE, MD, 21093
7/9/2024 3237 RYERSON CIR, HALETHORPE, MD, 21227	8/6/2024 8911 HARFORD RD, PARKVILLE, MD, 21234	9/9/2024 314 UPLAND RD, PIKESVILLE, MD, 21208
7/11/2024 3406 MIDFIELD RD, PIKESVILLE, MD, 21208	8/6/2024 8328 LAGES LN, WINDSOR MILL, MD, 21244	9/29/2024 4052 SAINT AUGUSTINE LN, DUNDALK, MD, 21222
7/15/2024 6001 UPDALE CT, GWYNN OAK, MD, 21207	8/6/2024 300 ALLEGHENY AVE, TOWSON, MD, 21204	9/29/2024 4036 SAINT AUGUSTINE LN, DUNDALK, MD, 21222
7/16/2024 1055 INGLESIDE AVE, CATONSVILLE, MD, 21228	8/6/2024 2620 WINDSOR RD, PARKVILLE, MD, 21234	9/29/2024 4048 SAINT AUGUSTINE LN, DUNDALK, MD, 21222
7/18/2024 702 ACADEMY AVE, OWINGS MILLS, MD, 21117	8/7/2024 7913 SPRINGWAY RD, TOWSON, MD, 21204	9/29/2024 4054 SAINT AUGUSTINE LN, DUNDALK, MD, 21222
	8/14/2024 2401 POPLAR DR, GWYNN OAK, MD, 21207	
	8/14/2024 105 LOCUST DR, GWYNN OAK, MD, 21207	
	8/14/2024 101 LOCUST DR, GWYNN OAK, MD, 21207	
	8/14/2024 102 LOCUST DR, GWYNN OAK, MD, 21207	
	8/14/2024 7112 OLIVER BEACH RD, MIDDLE RIVER, MD, 21220	
	8/19/2024 707 DORCHESTER RD, CATONSVILLE, MD, 21228	
	8/19/2024 708 DORCHESTER RD, CATONSVILLE, MD, 21228	
	8/19/2024 705 DORCHESTER RD, CATONSVILLE, MD, 21228	
	8/19/2024 763 WEST HILLS PKWY, CARROLL, MD, 21229	
	8/28/2024 735 REGISTER AVE, GOVANS, MD, 21212	
	8/30/2024 9109 COVERED BRIDGE RD, PARKVILLE, MD, 21234	

