



# **Quarterly Report**

**July 1, 2020  
Through  
September 30, 2020**

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

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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 for the period June 1, 2020 through September 30, 2020.

The quarterly report discusses activities and progress of Baltimore County towards compliance with the requirements set forth in the Consent Decree including:

- i. Non-Pump Station and Pump Station SSO Structure discharges
- ii. Construction project status
- iii. Collection system inspection
- iv. SRRR plan implementation/progress
- v. FOG program
- vi. Supplemental Environmental Project status, and
- vii. Compliance issues

#### **i. 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**.

#### **ii. 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.

#### **iii. Collection System Inspection**

The County has completed all gravity sewer line inspections required under Paragraph 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.

#### **iv. SRRR Plan Implementation/Progress**

The SRRR Plans contain numerous 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 delay 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.

**v. FOG Program**

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

**vi. Supplemental Environmental Project Status**

Completed.

**vii. Compliance Issues**

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

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

Herring Run Performance Assessment

On June 10, 2020, the County submitted a 120-day Time Extension Request for the Herring Run Performance Assessment Report due to the engineering consultant's staff issues and COVID related inefficiencies. The requested deadline was October 6, 2020; however, the County successfully submitted the Performance Assessment Report for the Herring Run SRRR Plan on September 3, 2020 ahead of the deadline.

Gwynns Falls Performance Assessment

On June 10, 2020, the County submitted a 120-day Time Extension Request for the Gwynns Falls Performance Assessment Report due to the engineering consultant's staff issues and COVID related inefficiencies. The requested deadline was October 6, 2020. On October 6, 2020, the County successfully met that deadline and submitted the Performance Assessment Report for the Gwynns Falls SRRR Plan.

Bengies SRRR Plan

On September 29, 2020, the County completed implementation of the Bengies SRRR Plan except for one project for which a potential delay notification has been submitted. This project is detailed in the appendix and remains outstanding while the County is awaiting completion of right of entry (ROE) acquisition. On March 15, 2019, the County submitted to EPA and MDE a potential delay notification due to the time needed to acquire ROE agreements. The County continues coordinating with the property owners and will submit a time extension request when all ROE agreements have been acquired and the County has issued the construction contract NTP.

Bird River SRRR Plan

On September 29, 2020, the County completed implementation of the Bird River SRRR Plan. There are 3 assets (i.e. sewers and manholes), which represents approximately 60 percent of the total assets with repair recommendations that remain



outstanding and are awaiting completion of right of entry (ROE) acquisition. On March 15, 2019, the County submitted to EPA and MDE a potential delay notification due to the time needed to acquire ROE agreements. The County continues coordinating with the property owners and will submit a time extension request when all ROE agreements have been acquired and the County has issued the construction contract Notice to Proceed.

#### Bread and Cheese SRRR Plan

On September 29, 2020, the County completed implementation of the Bread and Cheese SRRR Plan except for one project for which a potential delay notification has been submitted. This project is detailed in the appendix and remains outstanding while the County is awaiting completion of right of entry (ROE) acquisition. On June 24, 2020, in response to EPA's e-mail dated June 1, 2020, the County submitted a follow-up letter to the May 28, 2020 Time Extension Request for the Bread and Cheese Sewer Rehabilitation Project. The County continues coordinating with the property owners and will submit a time extension request when all ROE agreements have been acquired and the County has issued the construction contract NTP.

Valve vault NS1039, which the Bread and Cheese SRRR Plan included a recommendation to rehabilitate, is located at the terminus of the Bread and Cheese force main. The County has not rehabilitated the vault and is confirming with the City of Baltimore to have the vault rehabilitated as part of a City sewer capital improvement project.

#### Cockeysville SRRR Plan

On September 29, 2020, the County completed implementation of the Cockeysville SRRR Plan except for one project for which a potential delay notification has been submitted. This project is detailed in the appendix and remains outstanding while the County is awaiting completion of right of entry (ROE) acquisition. On March 15, 2019, the County submitted to EPA and MDE a potential delay notification due to the time needed to acquire ROE agreements. The County continues coordinating with the property owners and will submit a time extension request when all ROE agreements have been acquired and the County has issued the construction contract NTP.

#### Orems SRRR Plan

On September 29, 2020, the County completed implementation of the Orem SRRR Plan, with the exception of construction of the Orems Basin 03 Relief Sewer Project. EPA/MDE was notified on November 22, 2019 of a Potential Delay for this project due to easement acquisition. The County is currently working with the Real Estate Compliance office to determine an accurate Time Extension for completion of this project.

The County has elected to replace the existing Stansbury Manor Force Main with a new force main to increase the reliability and sustainability of the County's wastewater pumping system. The County will therefore replace the existing air release valve with the installation of the new forcemain and the cleaning recommended force main in the Orems sewer shed SRRR Plan becomes moot.



### Harewood Park Pump Station Rehabilitation

On August 25, 2020, the County certified substantial completion for the Harewood Park Pump Station rehabilitation project. 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.

The original Consent Decree deadline for completing the Harewood Park Pump Station rehabilitation project was March 20, 2020; however, on February 19, 2020, the County submitted to EPA and MDE a 90-day time of performance extension request due to poor contractor performance. The requested deadline was June 20, 2020. On June 15, 2020, the County submitted to EPA and MDE a second time of performance extension request due to poor contractor performance. The second requested deadline was August 20, 2020. Substantial completion was delayed 5 days due to a last minute mechanical issue with one of the new pumps during commissioning.

### Completion Certification – Paragraph 15

On September 20, 2020, Baltimore County completed the closed circuit television (CCTV) inspection of the gravity sewer lines as required in Paragraph 15Bib of the Consent Decree. All manholes that are part of or immediately adjacent to the inspected gravity sewer line segments were also inspected. Some variance from the approved Inspection Plan of the actual CCTV inspection footage and number of manholes inspected was due to refinements and corrections to the initial 2004 data that was used to develop the Inspection Plan.

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

### Blenhurst Pump Station Rehabilitation


The original Consent Decree deadline for completing the Blenhurst Pump Station rehabilitation project was March 20, 2020; however, on January 27, 2020, the County submitted to EPA and MDE a 90-day time of performance extension request to relocate an existing and unmarked underground electrical service feed. The requested deadline was June 20, 2020. On June 15, 2020, the County submitted to EPA and MDE a second time of performance extension request due to poor contractor performance. The requested deadline was September 20, 2020. The contractor recently informed the County that a non-operable supply fan must be replaced before certifying substantial completion. On October 1, 2020, the County submitted a third time of performance extension request to replace the non-operable supply fan. The request deadline was November 20, 2020.

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

None.



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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Thomas Kiefer, PE  
Acting Director, Department of Public Works

Control Document No. 332



## Attachment A - Discharges from Overflow Structures





### Pump Station Overflow Structures

<b>Pump Station Name</b>	Oak Forest
<b>Address</b>	407 Seminole Avenue
<b>Date Of Discharge</b>	8/12/2020
<b>Duration Of Overflow</b>	2 Hrs. 45 Min.
<b>Date Of Relevant Weather Conditions</b>	8/12/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Gallons Discharged</b>	34,800
<b>Receiving Waters</b>	Tributary to Patapsco River
<b>Identified Cause</b>	Heavy rains inundated wastewater collection system that caused high flows to the pump station.
<b>Details Of Corrective Action Taken or Planned</b>	Heavy rains subsided.

<b>Pump Station Name</b>	Frederick Road
<b>Address</b>	1809 Frederick Road
<b>Date Of Discharge</b>	8/12/2020
<b>Duration Of Overflow</b>	1 Hrs.
<b>Date Of Relevant Weather Conditions</b>	8/12/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Gallons Discharged</b>	25,800
<b>Receiving Waters</b>	Tributary to Patapsco River
<b>Identified Cause</b>	Heavy rains inundated wastewater collection system that caused high flows to the pump station.
<b>Details Of Corrective Action Taken or Planned</b>	Heavy rains subsided.

<b>Pump Station Name</b>	McTavish
<b>Address</b>	50 University Avenue
<b>Date Of Discharge</b>	8/12/2020
<b>Duration Of Overflow</b>	2 Hrs.
<b>Date Of Relevant Weather Conditions</b>	8/12/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Gallons Discharged</b>	14,700
<b>Receiving Waters</b>	West Branch
<b>Identified Cause</b>	Heavy rains inundated wastewater collection system that caused high flows to the pump station.
<b>Details Of Corrective Action Taken or Planned</b>	Heavy rains subsided.



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

<b>Name</b>	Aiken Avenue
<b>SSO ID</b>	41
<b>Address</b>	7829 Aiken Avenue & Taylor Avenue
<b>Date of Discharge</b>	7/6/2020
<b>Duration of Overflow</b>	1 Hr. 17 Mins.
<b>Date of Relevant Weather Conditions</b>	7/6/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	19,251
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.

<b>Name</b>	Queen Anne Drive
<b>SSO ID</b>	129
<b>Address</b>	Queen Anne Drive & Hillcrest Avenue
<b>Date of Discharge</b>	7/6/2020
<b>Duration of Overflow</b>	1 Hr. 6 Mins.
<b>Date of Relevant Weather Conditions</b>	7/6/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	16,623
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.

<b>Name</b>	Aiken Avenue
<b>SSO ID</b>	41
<b>Address</b>	7829 Aiken Avenue & Taylor Avenue
<b>Date of Discharge</b>	7/22/2020
<b>Duration of Overflow</b>	1 Hr. 35 Min.
<b>Date of Relevant Weather Conditions</b>	7/22/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	27,436
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.



<b>Name</b>	Queen Anne Drive
<b>SSO ID</b>	129
<b>Address</b>	Queen Anne Drive & Hillcrest Avenue
<b>Date of Discharge</b>	7/22/2020
<b>Duration of Overflow</b>	2 Hrs. 4 Mins.
<b>Date of Relevant Weather Conditions</b>	7/22/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	30,869
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.

<b>Name</b>	Aiken Avenue
<b>SSO ID</b>	41
<b>Address</b>	7829 Aiken Avenue & Taylor Avenue
<b>Date of Discharge</b>	7/24/2020
<b>Duration of Overflow</b>	1 Hrs. 48 Min.
<b>Date of Relevant Weather Conditions</b>	7/24/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	31,588
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.

<b>Name</b>	Queen Anne Drive
<b>SSO ID</b>	129
<b>Address</b>	Queen Anne Drive & Hillcrest Avenue
<b>Date of Discharge</b>	7/24/2020
<b>Duration of Overflow</b>	2 Hrs. 19 Min.
<b>Date of Relevant Weather Conditions</b>	7/24/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	35,063
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.



<b>Name</b>	Alter Road
<b>SSO ID</b>	22
<b>Address</b>	Alter Street & Southern Cross Drive
<b>Date Of Discharge</b>	8/4/2020
<b>Duration Of Overflow</b>	46 Min.
<b>Date Of Relevant Weather Conditions</b>	8/4/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	1,855
<b>Receiving Waters</b>	Maidens Choice Creek
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.

<b>Name</b>	Southern Cross Drive
<b>SSO ID</b>	23A
<b>Address</b>	Southern Cross Drive & Parsons Avenue
<b>Date of Discharge</b>	8/4/2020
<b>Duration of Overflow</b>	1 Hrs. 59 Min.
<b>Date of Relevant Weather Conditions</b>	8/4/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	11,950
<b>Receiving Waters</b>	Gwynns Falls
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.

<b>Name</b>	Southern Cross
<b>SSO ID</b>	23B
<b>Address</b>	3909 Southern Cross Drive
<b>Date of Discharge</b>	8/4/2020
<b>Duration of Overflow</b>	3 Hrs. 3 Min.
<b>Date of Relevant Weather Conditions</b>	8/4/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	10,362
<b>Receiving Waters</b>	Gwynns Falls
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.



<b>Name</b>	Patterson Avenue
<b>SSO ID</b>	24
<b>Address</b>	3902 Patterson Avenue
<b>Date of Discharge</b>	8/4/2020
<b>Duration of Overflow</b>	2 Hrs. 17 Min.
<b>Date of Relevant Weather Conditions</b>	8/4/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	42,588
<b>Receiving Waters</b>	Gwynns Falls
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.

<b>Name</b>	Queen Anne Drive
<b>SSO ID</b>	129
<b>Address</b>	Queen Anne Drive & Hillcrest Avenue
<b>Date of Discharge</b>	8/4/2020
<b>Duration of Overflow</b>	5 Hrs. 15 Min.
<b>Date of Relevant Weather Conditions</b>	8/4/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	136,281
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.

<b>Name</b>	Aiken Avenue
<b>SSO ID</b>	41
<b>Address</b>	7829 Aiken Avenue & Taylor Avenue
<b>Date of Discharge</b>	8/4/2020
<b>Duration of Overflow</b>	4 Hrs. 17 Min.
<b>Date of Relevant Weather Conditions</b>	8/4/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	96,650
<b>Receiving Waters</b>	Herring Run
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023.



<b>Name</b>	Marnat Road
<b>SSO ID</b>	113
<b>Address</b>	Marnat Road & Hatton Road
<b>Date of Discharge</b>	8/4/2020
<b>Duration of Overflow</b>	1 Hrs. 47 Min.
<b>Date of Relevant Weather Conditions</b>	8/4/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	5,420
<b>Receiving Waters</b>	Jones Falls
<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>	8/4/2020
<b>Duration Of Overflow</b>	2 Hrs. 49 Min.
<b>Date Of Relevant Weather Conditions</b>	8/4/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	96,176
<b>Receiving Waters</b>	Maidens 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>	Southern Cross Drive
<b>SSO ID</b>	23A
<b>Address</b>	Southern Cross Drive & Parsons Avenue
<b>Date of Discharge</b>	8/12/2020
<b>Duration of Overflow</b>	1 Hrs. 52 Min.
<b>Date of Relevant Weather Conditions</b>	8/12/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	252
<b>Receiving Waters</b>	Gwynns Falls
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.



<b>Name</b>	Southern Cross
<b>SSO ID</b>	23B
<b>Address</b>	3909 Southern Cross Drive
<b>Date of Discharge</b>	8/12/2020
<b>Duration of Overflow</b>	1 Hrs. 43 Min.
<b>Date of Relevant Weather Conditions</b>	8/12/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	285
<b>Receiving Waters</b>	Gwynns Falls
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.

<b>Name</b>	Patterson Avenue
<b>SSO ID</b>	24
<b>Address</b>	3902 Patterson Avenue
<b>Date of Discharge</b>	8/12/2020
<b>Duration of Overflow</b>	6 Mins.
<b>Date of Relevant Weather Conditions</b>	8/12/2020
<b>Description of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	581
<b>Receiving Waters</b>	Gwynns Falls
<b>Identified Cause</b>	Insufficient wet weather hydraulic capacity
<b>Details of Corrective Action Taken or Planned</b>	On 9/3/2019, the County issued the notice to proceed for the Phase I construction project. The County will submit a second SSO elimination time extension when a date has been identified. Right-of-way and environmental permits are required for Phase II construction.

<b>Name</b>	Overbrook Road
<b>SSO ID</b>	118
<b>Address</b>	Overbrook Road & Medwick Garth
<b>Date Of Discharge</b>	8/12/2020
<b>Duration Of Overflow</b>	2 Hrs. 1 Min.
<b>Date Of Relevant Weather Conditions</b>	8/12/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	15,380
<b>Receiving Waters</b>	Maidens 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>	8/15/2020
<b>Duration Of Overflow</b>	49 Min.
<b>Date Of Relevant Weather Conditions</b>	8/15/2020
<b>Description Of Relevant Weather Conditions</b>	Rain
<b>Net Gallons Discharged</b>	15,880
<b>Receiving Waters</b>	Maidens 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-Pumping Station Overflow Structure Monitoring**

Date of Rain Event		7/6/2020	7/22/2020	7/24/2020	8/4/2020	8/12/2020	8/15/2020
Rain (inches)		3.96	0.93	1.87	2.46-2.78	1.97-2.65	1.01
SSO Name	SSO ID						
Alter Road	22				1,855		
Southern Cross Drive	23A				11,950	252	
Southern Cross	23B				10,362	285	
Patterson Avenue	24				42,588	581	
Aiken Avenue	41	19,251	27,436	31,588	96,650		
Queen Anne Drive	129	16,623	30,869	35,063	136,281		
Overbrook Road & Medwick Garth	118				96,176	150,380	150,880
Marnat Road	113				5,420		



## **Attachment B - Construction Projects Status**



## Non-Pump Station SSO Structures

Project Name	Date of Construction Notice to Proceed	Sewershed Name	Original Consent Decree Elimination Date	Consent Decree SSO Elimination Date	SSO Eliminated	Status
Powder Mill Interceptor Relief Sewer Phase I – 18180 SXO (SSOs 22, 23A, 23B, 24)	9/3/2019	Gwynns Falls	3/22/2017	TBD	No	A Time Extension Request with an undefined elimination date was submitted on 2/14/2017. A second Time Extension Request with a definitive SSO elimination date will be submitted after right-of-way acquisition, environmental permits obtained and construction notice to proceed is issued for Phase II construction. During the quarterly reporting period, approximately 2,500 linear feet of new relief pipe has been installed.
Powder Mill Interceptor Relief Sewer Phase II (SSOs 22, 23A, 23B, 24)	-	Gwynns Falls	3/22/2017	TBD	No	A Time Extension Request with an undefined SSO elimination date was submitted on 2/14/2017. A second time extension request with definitive SSO elimination date will be submitted after right-of-way acquisition, environmental permits obtained and construction notice to proceed is issued for Phase II construction.
East Branch Herring Run Relief Sewer – 14117 SX0 (SSO 41 & 129)	2/5/2020	Herring Run	3/20/2018	8/3/2023 (requested)	No	On 4/27/2020 the County submitted a Time Extension Request to eliminate the overflow structure by 8/3/2023. Approximately 190 linear feet of tunnel has been installed.
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	Original Consent Decree Deadline	Project Phase	Time Extension Request Submittal Date	Requested Deadline Date	Reason for Delay
Blenhurst	6/20/2020	Construction	10/1/2020	11/20/2020	Relocating unmarked electrical service feed, contractor performance and pump station mechanical issue.
Lodge Forest Manor	3/20/2020	Design (RoW)	1/30/2020	3/20/2025	DNR easement acquisition
Stansbury Manor	3/20/2020	Design (Permit)	1/30/2020	3/20/2025	MAA property acquisition
Baurenschmidt Manor	6/1/2021	Construction			
Hyde Park	6/1/2021	Construction			
Millers Island	6/1/2022	Contractor Selection			
Turkey Point	6/1/2022	Contractor Selection			
Corsica	6/1/2023	Design			
Fort Howard	6/1/2023	Design			
Penwood Terrace	6/1/2023	Design (Permit)			



## **Attachment C - CCTV in Response to an SSO**



Date of SSO	Location	CCTV Inspection Date	Exemption
7/6/2020	402 Railroad Avenue	7/17/2020	
7/6/2020	104 Back River Neck Road		B
7/6/2020	Queen Anne Drive & Hillcrest Avenue		D
7/6/2020	7829 Aiken Avenue		D
7/22/2020	Queen Anne Drive & Hillcrest Avenue		D
7/22/2020	7829 Aiken Avenue		D
7/24/2020	Queen Anne Drive & Hillcrest Avenue		D
7/24/2020	7829 Aiken Avenue		D
8/4/2020	Alter Street and Southern Cross Drive		D
8/4/2020	Southern Cross Drive & Parsons Avenue		D
8/4/2020	3909 Southern Cross Drive		D
8/4/2020	3902 Patterson Avenue		D
8/4/2020	7829 Aiken Avenue		D
8/4/2020	Queen Anne Drive & Hillcrest Avenue		D
8/4/2020	Marnat Road & Hatton Road		D
8/4/2020	Overbrook Road and Medwick Garth		D
8/4/2020	2221 Lodge Farm Road		B
8/4/2020	2235 Lincoln Avenue		B
8/4/2020	7436 Blevins Avenue		B
8/4/2020	7990 St. Monica Drive		B
8/12/2020	Overbrook Road and Medwick Garth		D
8/12/2020	Southern Cross Drive & Parsons Avenue		D
8/12/2020	3909 Southern Cross Drive		D
8/12/2020	3902 Patterson Avenue		D
8/15/2020	Overbrook Road and Medwick Garth		D
8/22/2020	2340 Research Avenue	8/24/2020	
8/23-24/2020	8609 Goldenwood Road		B
8/27/2020	9219 Harford Road	8/27/2020	
9/9/2020	407 Chestnut Avenue	9/10/2020	
9/14/2020	709 Marone Way	9/14/2020	

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	Original Consent Decree Deadline	Date of Potential Delay Notification	Reason for Delay	Comments
Patapsco	9/6/2021	10/28/2018	Right of entry acquisition	
Delmar	4/18/2022	11/22/2019	Right of entry acquisition	
Duck Creek	4/18/2022	2/5/2020	Expanded project scope	
Dundalk	4/18/2022	11/22/2019	Right of entry acquisition	
East Point	4/18/2022	11/22/2019	Right of entry acquisition	
Essex	4/18/2022	12/10/2019	Right of entry acquisition/permits	
Gray Manor	4/18/2022	6/19/2019	Consultant performance	
Texas	4/18/2022	7/10/2019	Right of entry acquisition	
Longquarter	4/18/2024	11/26/2019	Right of entry acquisition	
Redhouse Run	4/18/2024			
Whitemarsh	4/18/2024			
Stemmers Run	9/6/2024			
Gunpowder	4/18/2026			
<b>Substantially completed SRRR Plan implementations <sup>1</sup></b>				
Bird River	9/29/2020	3/15/2019	Right of entry acquisition	There are 3 assets (i.e. sewer and manholes, which represents approximately 60 percent of the total assets with repair recommendations, that remain outstanding and are awaiting completion of right of entry acquisition. The County will submit to EPA and MDE a time of performance extension request when all right of entry agreements have been acquired and the County has issued the construction contract notice to proceed.
Bread & Cheese	9/29/2020	5/28/2020 (Time extension request)	Right of entry acquisition. (Requested date = 3/6/2022)	There are 127 asset (i.e. sewer and manholes, which represents approximately 100 percent of the total assets with repair recommendations, that remain outstanding and are awaiting completion of right of entry acquisition. The County will submit to EPA and MDE a time of performance extension request when all right of entry agreements have been acquired and the County has issued the construction contract notice to proceed.





Sewershed	Original Consent Decree Deadline	Date of Potential Delay Notification	Reason for Delay	Comments
Bengies	9/29/2020	3/15/2019	Right of entry acquisition	There are 96 assets (i.e. sewer and manholes, which represents approximately 100 percent of the total assets with repair recommendations, that remain outstanding and are awaiting completion of right of entry acquisition. The County will submit to EPA and MDE a time of performance extension request when all right of entry agreements have been acquired and the County has issued the construction contract notice to proceed.
Cockeysville	9/29/2020	3/15/2019	Right of entry acquisition	There are 12 assets (i.e. sewer and manholes, which represents approximately 57 percent of the total assets with repair recommendations, that remain outstanding and are awaiting completion of right of entry acquisition. The County will submit to EPA and MDE a time of performance extension request when all right of entry agreements have been acquired and the County has issued the construction contract notice to proceed.
Dead Run	9/6/2017			Substantially completed
Gwynns Falls	9/6/2018			On September 6, 2018, the County certified substantial completion for the implementation of the Gwynns Falls Sewershed SRRR Plan with the exception of 23 repairs for which a potential delay was submitted to EPA and MDE.  To date, 6 repairs remain outstanding and will be completed concurrent with the Powder Mill Interceptor Phase1 project, which is currently in construction.
Herring Run	9/6/2018			There are 93 assets (i.e. sewer and manholes, which represents approximately 6 percent of the total assets with repair recommendations, that remain outstanding and are awaiting completion of right of entry acquisition. The County will submit to EPA and MDE a time of performance extension request when all right of entry agreements have been acquired and the County has issued the construction contract notice to proceed.
Jones Falls	9/6/2019			There are 10 assets (i.e. sewer and manholes, which represents approximately 0.6 percent of the total assets with repair



Sewershed	Original Consent Decree Deadline	Date of Potential Delay Notification	Reason for Delay	Comments
				recommendations, that remain outstanding and are awaiting completion of right of entry acquisition. The County will submit to EPA and MDE a time of performance extension request when all right of entry agreements have been acquired and the County has issued the construction contract notice to proceed.
Orems	9/29/2020	11/22/2019	Right of entry acquisition	The County is currently working with the Real Estate Compliance office to determine an accurate Time Extension for completion of the Orems Basin 03 Relief Sewer project.
Tributary 26	2/11/2020			Substantially completed
Tributary 27	9/6/2017			Substantially completed
Tributary 43	2/11/2020			Substantially completed
Tributary 48	9/6/2017			Substantially completed
Tributary 78	2/11/2020			Substantially completed
West Low Level	9/6/2017			Substantially completed

<sup>1</sup> 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.

