QUARTERLY OPERATIONS REPORT

DISTRICT OF COLUMBIA

COMBINED SEWER OVERFLOW FACILITIES

SECOND QUARTER, 2025

Prepared By:

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DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

Serving the Public • Protecting the Environment

Monthly Operations Report For
Combined Sewer System

Month: April 2025

Prepared By:
District of Columbia
Water and Sewer Authority
Department of
Pumping and Sewer Operations
Washington, D.C. 20003

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
Washington, D.C.

Monthly Operations Report for Combined Sewer System
Month: April 2025
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1. INTRODUCTION

The District of Columbia Water and Sewer Authority (DC Water) operates a wastewater collection system comprised of separate and combined sewers. Separate storm and sanitary sewers serve two-thirds of the District. In the combined sewer system (CSS), there is a single sewer to convey storm water and sanitary wastes. The area served by combined sewers comprises about one-third of the District.

During dry weather, sanitary wastes collected in the CSS are conveyed to the DC Water's advanced wastewater treatment plant at Blue Plains (BPAWWTP or the Blue Plains AWWTP). During periods of rainfall, the capacity of a combined sewer may be exceeded and the excess flow, which is a mixture of storm water and sanitary wastes, is discharged directly to the Anacostia River, Rock Creek or the Potomac River or their tributary waters. This report summarizes the operations of the combined sewer system for the month indicated.

2. OPERATION AND MAINTENANCE

2.1 Regulators

Regulators divert combined sewage to interceptors, which convey flow to BPAWWTP for treatment. When flows exceed the capacities of the systems such as during significant rain events, regulators divert excess flow to the tunnel system for temporary storage, and CSO outfalls which discharge to receiving waters. The following table summarizes inspections of CSO regulators in the collection system.

Table 2-1
Regulator Structures

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
2[1]	Bolling AFB, 2250 ft. north of the south line of the Base, SW	003	N/A				
4[1]	Bolling AFB, 2250 ft. north of the south line of the Base, SW	003	N/A				
5[1]	Poplar Point Pumping Station	004	N/A				
6	Chicago Street and Railroad Ave, SE	005	04/15/2025	*			
7	W Street and Railroad Ave, SE	005	04/15/2025	*			
8[1]	Good Hope Rd, west of Nichols Ave, SE	006	N/A				
9	13th Street and Ridge Place, SE (Diversion Structure)	007	04/15/2025	*			
9a	13th Street and Ridge Place, SE (Regulator Structure)	007	04/15/2025	*			
9b	11th Street Bridge and DC 295 SB (CSO-007 Diversion Chamber)	007	04/15/2025	*			
11	"O" Street Pumping Station	011(a)	04/25/2025	*			
12	Storm Pump Discharge at Main Pumping Station	011	04/21/2025	*			
13	2nd Street, 300 ft. north of N Place, SE	009	04/16/2025	*			
14	2nd Street, 250 ft. north of N Place, SE	011(a)	04/16/2025	*			
15	South Capitol and E Streets	010	04/16/2025	*			
15a	Half and L Streets, SE	010	04/16/2025	*			
15b	South Capitol and I Streets	010	04/25/2025	*			
15c	South Capitol and I Streets	010	04/25/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
16	North of Main Sewage Pumping Station	012	04/25/2025	*			
17	4th and N Streets, SE, Both Extended	013	04/16/2025	*			
17a	K Street between 6th Street and 7th Street, SE (Side Overflow Weir)	013	04/30/2025	*			
17b	4th and N Streets, SE, Both Extended (CSO-013 Diversion Chamber)	013	04/25/2025	*			
18	6th and M Streets, SE (Diversion and Overflow Structure)	014	04/30/2025	*			
18a	Tingey Street SE and 5 1 / 2 Street SE (CSO-014 Diversion Chamber)	014	04/25/2025	*			
19	9th and M Streets, SE	015	04/25/2025	*			
19a	9th and M Streets, SE	015	04/25/2025	*			
19b	9th and M Streets, SE (Diversion Chamber)	015	04/25/2025	*			
19c	9th and M Streets, SE (Diversion Chamber)	015	04/25/2025	*			
20	12th and M Streets, SE	016	04/25/2025	*			
20a	12th and M Streets, SE	016	04/25/2025	*			
20b	12th and M Streets, SE (CSO-016 Diversion Chamber)	016	04/30/2025	*			
21	14th and M Streets, SE	017	04/25/2025	*			
21a	14th and M Streets, SE (CSO-017 Diversion Chamber)	017	04/25/2025	*			
22a	Barney Circle and Pennsylvania Ave, SE	018	04/25/2025	*			
22b	Barney Circle and Pennsylvania Ave, SE	018	04/30/2025	*			
22c	Barney Circle and Pennsylvania Ave, SE	018	04/30/2025	*			
22d	Kentucky Ave and Potomac Street, SE	018	04/30/2025	*			
22e	14th Street and Kentucky Ave, SE	018	04/30/2025	*			
23	Independence Ave, 21st Street, SE, Extended	019	04/30/2025	*			
24a	East Capitol St, west of RFK stadium	019	04/30/2025	*			
28	21st and Constitution Ave, NW	020	04/10/2025	*			
29	22nd Street, between Constitution Ave and C St, NW	020	04/10/2025	*			
30	17th and D Streets, NW	020	04/10/2025	*			
31	15th Street and Pennsylvania Ave, NW	020	04/10/2025	*			
33	10th and F Streets, NW	020	04/10/2025	*			
34	23rd Street, north of Constitution Ave, NW	020	04/24/2025	*			
34a	23rd Street near C Street, NW	020	04/10/2025	*			
35	Northeast of Roosevelt Bridge, NW	021	04/16/2025	*			
35c	Kennedy Center Rock Creek and Potomac Pkwy Northeast of Roosevelt Bridge, NW	021	04/16/2025	*			
36	27th and I Streets, NW	022	04/10/2025	*			
36a	New Hampshire Ave and Eye Street, NW	022	04/10/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
36b	19th and L Streets, NW	022, 034	04/08/2025	*			
36d	17th and L Streets, NW	022, 034	04/08/2025	*			
36g	18th and M Streets, NW	022, 034	04/08/2025	*			
36h	18th and M Streets, NW	022, 034	04/08/2025	*			
37	27th and Eye Streets, NW	022	04/10/2025	*			
38	29th and K Streets, NW	024	04/08/2025	*			
38a	30th Street, south of K Street, NW	024	04/08/2025	*			
39a	30th and K Streets, NW	024	04/08/2025	*			
39b	30th and K Streets, NW	024	04/08/2025	*			
41b[1]	31st and K Streets, NW	025	N/A				
41c[1]	31st and K Streets, NW	025	N/A				
42[1]	Wisconsin Ave and K Street, NW	026	N/A				
43	Potomac and Water Streets, NW	027	04/08/2025	*			
43a	Potomac and Water Streets, NW	027	04/08/2025	*			
44	Water Street, west of Potomac St, NW	027	04/08/2025	*			
45	36th and M Streets, NW	028	04/08/2025	*			
46	Canal Rd, 1000ft. east of Foxhall Rd, NW	029	04/14/2025	*			
47	38th Street and Reservoir Road, NW	029	04/14/2025	*			
47a	37th and T Streets, NW	029	04/14/2025	*			
47b	37th and T Streets, NW	029	04/14/2025	*			
47c	38th and W Streets, NW	029	04/14/2025	*			
49[1]	Pennsylvania Ave, east side of Rock Creek, NW	031	N/A				
50	26 and M Streets, NW	032	04/17/2025	*			
51	N Street Extended, west of 25th Street, NW	033	04/17/2025	*			
52	22nd Street between M and N Streets, NW	034	04/16/2025	*			
52a	N Street between 22nd and 23rd Streets, NW	034	04/08/2025	*			
53	22nd and M Streets, NW	022, 034	04/08/2025	*			
53a	22nd and M Streets, NW	022, 034	04/08/2025	*			
53b	L Street between 21st Street and New Hampshire Ave, NW	022, 034	04/08/2025	*			
53c	L and 22nd Streets, NW	022	04/08/2025	*			
54	23rd and O Streets, NW	034	04/17/2025	*			
55	22nd Street, south of Q Street, NW	035	04/17/2025	*			
55a	22nd Street, south of Q Street, NW	035	04/17/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
56	23rd and Massachusetts Ave, NW	036	04/17/2025	*			
57	23rd Street, south of Q Street, NW	036	04/17/2025	*			
58[1]	Northwest of Belmont Road and Rock Creek and Potomac Parkway, NW	037	N/A				
59	North of Belmont Rd, east of Kalorama Cir, NW	038	04/14/2025	*			
60	Connecticut Ave, east of Rock Creek, NW	039	04/14/2025	*			
61	Biltmore St, Extended, east of Rock Creek, NW	040	04/14/2025	*			
62	Ontario Rd, Extended, and Rock Creek Pkwy, NW	041	04/24/2025	*			
63	Harvard Street and Rock Creek Parkway, NW	042	04/24/2025	*			
64	Adams Mill Road, south of Irving Street, NW	043	04/24/2025	*			
65	Kenyon Street and Adams Mill Road, NW	044	04/24/2025	*			
65a	Kenyon Street and Adams Mill Road, NW	044	04/24/2025	*			
66	Adams Mill Road and Lamont Street, NW	045	04/24/2025	*			
67	Park Rd , south of Piney Branch Pkwy, NW	046	04/24/2025	*			
68	Ingleside Terrance, Extended and Piney Branch Parkway, NW	047	04/24/2025	*			
69	Mt. Pleasant Street, Extended and Piney Branch Parkway, NW	048	04/24/2025	*			
70	Piney Branch Parkway, west of 16th Street, NW	049	04/24/2025	*			
70i	5th and Quackenbos Streets, NW	049	04/28/2025	*			
71	28th Street, west of Rock Creek Parkway, NW	050	04/29/2025	*			
72	Olive Street Extended and Rock Creek Pkwy, NW	051	04/17/2025	*			
72a	Olive Street Extended and Rock Creek Pkwy, NW	051	04/17/2025	*			
73	O Street Extended and Rock Creek Parkway, NW	052	04/17/2025	*			
74[1]	Q Street, west of Rock Creek, NW	053	N/A				
75	West side of Rock Creek, 300 ft. south of Massachusetts Ave, NW	054	04/28/2025	*			
77	Normanstone Dr Extended, west of Rock Creek, NW	056	04/28/2025	*			
77a	Normanstone Dr and Normanstone Lane, NW	056	04/28/2025	*			
78[1]	28th Street Extended, west of Rock Creek, NW	057	N/A				
79[1]	Connecticut Ave and Rock Creek Parkway, NW	058	N/A				
84	26th and P Streets, NW	060	04/17/2025	*			
84a	26th and P Streets, NW	060	04/17/2025	*			
86	Diversion Chamber and Vortex Drop at First and Channing St, NW (First St Tunnel)	019	04/09/2025	*			
88	Flagler and Adams St. NW (First St Tunnel)	019	04/09/2025	*			
89	First and V St, NW (First St Tunnel)	019	04/09/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
90	First and V St, NW (First St Tunnel)	019	04/09/2025	*			
91	First and V St, NW (First St Tunnel)	019	04/09/2025	*			
92	CSO 019 Diversion Near Eastside PS (Anacostia River Tunnel)	019	04/18/2025	*			
93	CSO 018 Diversion Near Barney Circle (Anacostia River Tunnel)	018	04/18/2025	*			
95	M Street Approach Channel M and Water St SE (Anacostia River Tunnel)	015, 016, 017	04/25/2025	*			
96	CSO 007 Shaft at 11th St Bridge and DC I-295 SB Diversion Facilities (Anacostia River Tunnel)	007	04/30/2025	*			
97	CSO 005 Diversion at Chicago St Trunk Sewer, I295 SB (Anacostia River Tunnel)	005	04/30/2025	*			
98	Main Pumping Station Diversions (Anacostia River Tunnel)	009 – 012	04/30/2025	*			
99	CSO 009 and 011a Diversion Facilities (Anacostia River Tunnel)	009, 011a	04/16/2025	*			
100	CSO 012 Diversion Facilities (Anacostia River Tunnel)	012	04/16/2025	*			
101	Main Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	N/A	04/15/2025	*			
102	Anacostia Main Interceptor Diversion Chamber	N/A	04/15/2025	*			
103	Poplar Point PS Emergency Overflow Chamber (Anacostia River Tunnel)	N/A	04/15/2025	*			
104	Poplar Point PS Discharge Chamber	N/A	04/15/2025	*			
105	Potomac Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	003A	04/15/2025	*			
106	R Street Diversion Chamber (RS-DC) and R Street Drop Shaft (RS-DS)	019	04/09/2025	*			
107	Florida Avenue Diversion Chamber (FLA-DC), Florida Avenue Drop Shaft (FLA-DS)	019	04/09/2025	*			
108	T Street Junction Chamber (TS-JC), T Street Drop Shaft (TS-DS)	019	04/09/2025	*			
109	4th Street NE Diversion Chamber (4S-DC), 4th Street Drop Shaft (4S-DS)	019	04/09/2025	*			
110	Rhode Island Avenue Diversion Chamber (RIA-DC), Rhode Island Avenue Drop Shaft (RIA-DS)	019	04/09/2025	*			
111a	Mount Olivet Road Junction Chamber (MOR-JC)	019	04/09/2025	*			
111b	Mount Olivet Road Diversion Chamber (MOR-DC)	019	04/09/2025	*			
111c	Mount Olivet Road Drop Shaft (MOR-DS)	019	04/09/2025	*			

Notes:

1. Noted structures no longer function as a combined sewer overflow regulator structure.

2.2 Outfalls, Tide Gates and CSO Signs

The following table summarizes inspections, maintenance and work performed on outfall structures, tide gates and CSO signs in the collection system.

Table 2-2
Outfalls and Tide Gates

NPDES Outfall	*Location*	*Date Inspected*	*Outfall Condition*		*Tide Gate Present?*		*Tide Gate Condition*		*CSO Sign*		*Notes, Work Needed or Performed*
			OK	Needs Work	Yes	No	OK	Needs Work	OK	Needs Work	
003[1]	Bolling Air Force Base, at Giavanolli and Chanute, SW	N/A									
003a	Joint Base Anacostia Bolling Macdill and Arnold Ave SW	04/15/2025	*		*		*		*		
005	Across from Navy Yard, aligned with Parsons Ave., SE	04/29/2025	*		*		*		*		
006[1]	Good Hope Road and Welsh Memorial Bridge	N/A									
007	Between 11th St. and Anacostia Bridges, SE	04/29/2025	*		*		*		*		
009	O St. Sewage Pumping Station, SE	04/21/2025	*		*		*		*		
010	O St. Sewage Pumping Station, SE	04/21/2025	*			*			*		
011	Main Sewage Pumping Station, SE	04/21/2025	*			*			*		
011a	Main Sewage Pumping Station, SE	04/21/2025	*		*		*		*		
012	Main Sewage Pumping Station, SE	04/21/2025	*		*		*		*		
013	Southeast Federal Center, aligned with 4th St.	04/21/2025	*		*		*		*		
014	Navy Yard, aligned with 6th St., SE	04/21/2025	*		*		*		*		
015	Navy Yard, aligned with 9th Street, SE	04/21/2025	*			*			*		
016	12th and O Streets, SE	04/18/2025	*		*		*		*		
017	M and Water Street, SE	04/18/2025	*		*		*		*		
018	East of Barney Circle & South of Pennsylvania Avenue Bridge, SE	04/18/2025	*		*		*		*		
019	Adjacent to Service Drive behind swirl facility & D.C. General Hospital	04/18/2025	*		*		*		*		
019a	Adjacent to Service Drive behind swirl facility & D.C. General Hospital (Tunnel Overflow Structure)	04/18/2025	*		*		*		*		
020	Rock Creek Parkway and Independence, NW	04/29/2025	*		*		*		*		
021	Rock Creek Parkway and C St., NW	04/29/2025	*		*		*		*		
022	Rock Creek Parkway and G St., NW	04/29/2025	*		*		*		*		
024	South of 30th and K Streets, NW[1]	04/29/2025	*		*		*		*		
025[1]	South of 31st and K Streets, NW	N/A									
026[1]	Wisconsin Avenue and Water Street, NW	N/A									
027	33rd and Water Sts., NW	04/29/2025	*			*			*		
028	Key Bridge and Whitehurst Freeway, NW	04/29/2025	*			*			*		
029	Adjacent to C&O Canal, aligned with 38th St. NW	04/29/2025	*			*			*		

NPDES Outfall	Location	Date Inspected	Outfall Condition		Tide Gate Present?		Tide Gate Condition		CSO Sign		Notes, Work Needed or Performed
			OK	Needs Work	Yes	No	OK	Needs Work	OK	Needs Work	
031[1]	Rock Creek Pkwy & Pennsylvania Avenue, NW	N/A									
032	26th and M Street, NW	04/17/2025	*			*			*		
033	Across street from St. Francis Jr. High and aligned with N St., NW.	04/17/2025	*		*		*		*		
034	Just west of St. Francis Jr. High and north of N St., NW	04/17/2025	*			*			*		
035	P St. Bridge and Rock Creek Parkway	04/17/2025	*			*			*		
036	22nd Street, South of Q Street NW.	04/28/2025	*		*		*		*		
037[1]	Waterside Dr. and Rock Creek Parkway	N/A									
038	Between arch footbridge and Connecticut Ave., north of Kalorama Circle, NW.	04/14/2025	*		*		*		*		
039	Connecticut Avenue Bridge and Rock Creek Parkway, NW.	04/14/2025	*		*		*		*		
040	Aligned with Biltmore Rd., between Connecticut Ave and Ellington Bridge.	04/14/2025	*		*		*		*		
041	Beach Dr. and Ontario Pl., NW	04/28/2025	*		*		*		*		
042	Harvard St. and Beach Dr NW.	04/28/2025	*		*		*		*		
043	Upstream of Harvard St. and Beach Dr NW.	04/28/2025	*		*		*		*		
044	Kenyon Street and Beach Dr., NW.	04/28/2025	*		*		*		*		
045	North of Beach Dr. and Walbridge Pl, NW.	04/28/2025	*		*		*		*		
046	Piney Branch Parkway and Park Road, NW.	04/24/2025	*			*			*		
047	Piney Branch Parkway and Ingleside Terrace	04/28/2025	*		*		*		*		
048	South of Piney Branch Parkway and 17th St.	04/28/2025	*		*		*		*		
049	North of Piney Branch Parkway and 17th St.	04/28/2025	*		*		*		*		
050	Rock Creek Parkway and L St., NW	04/29/2025	*		*		*		*		
051	Across Rock Creek Pkwy, aligned with Olive St., NW.	04/29/2025	*		*		*		*		
052	Between P & Penna. Ave Bridges, aligned with O Street, NW.	04/29/2025	*		*		*		*		
053[1]	Q St. Bridge and Rock Creek Parkway, NW.	N/A									
054	Massachusetts Ave & Rock Creek Parkway, NW.	04/28/2025	*		*		*		*		
056	Normanstone Dr. and Rock Creek Parkway, NW.	04/28/2025	*		*		*		*		
057[1]	28th Street and Rock Creek Parkway, NW	N/A									
058[1]	Connecticut Ave & Rock Creek Parkway, NW.	N/A									
060	North of P St. Bridge & Rock Creek Pkwy, NW	04/28/2025	*		*		*		*		

Notes:

1. Outfall no longer functions as a combined sewer outfall.

2.3 Pumping Stations

Pumping station operations are summarized in the table below.

Table 2-3
Pumping Stations – Inspections and Equipment in Service

Pumping Station	*No. of Inspections*	*No. Screens*	*No. Pumps*	*Screens or Pumps Out of Service*	*Dates*	*Reason*	*Work Order Number*	*Schedule to Restore to Service*
Main	30	3	4	Pump 3	4/1/2025-4/30/2025	Pump taken out of service for planned repairs	25-226406	Anticipated return to service 5/31/25
O Street	30	2	4	None	-	-	-	-
East Side	1	2	4	Pump 2 Pump 4	4/1/25-4/3/25 4/11/25-4/30/25	Fail to start, VFD fault Motor overload	25-228351 25-399016	Returned to service 4/03/25 Anticipated return to service 5/31/25
Poplar Point	1	2	4	None	-	-	-	-
Potomac[2]	30	4	5	Pump 4 Pump 1 Screen 1	4/1/25-4/30/25 4/1/25-4/2/25 4/1/25-4/3/25	Motor needed repair Leaking solenoid valve Wiper blade needs to be replaced	24-609732 25-379204 25-354614	Anticipated return to service 6/01/25 Returned to service 4/02/25 Returned to service 4/3/25

Notes:

1. Manufacturer parts aren't readily available, so we continue to wait for replacement parts to be built and delivered. Upgrade CIP project underway to replace with new equipment.
2. Please reference letter dated March 31st, 2025, to the EPA for Potomac Pump Station firm capacity.

Table 2-4
Pumping Stations – Preventive Maintenance

Pumping Station	*Date Performed*	*Type of Preventive Maintenance Performed*[1]	*Work Order Number*	*Comments*
Main	4/11/25	Group A	25-373366	Add oil, grease bearings and replace packing if needed.
O St	4/11/25	Group A	25-395731	Add oil, grease bearings and replace packing if needed.
Eastside	4/2/25	Group A	25-393439	Add oil, grease bearings and replace packing if needed.
Poplar Point	4/30/25	Group A	25-378438	Add oil, grease bearings and replace packing if needed.
Potomac	4/30/25	Group A	25-396731	Add oil, grease bearings and replace packing if needed.
Rock Creek	4/22/25	Group A	25-347691	Add oil, grease bearings and replace packing if needed.
Upper Anacostia	4/2/25	Group A	25-378470	Add oil, grease bearings and replace packing if needed.
Earl Place	4/2/25	Group A	25-343921	Add oil, grease bearings and replace packing if needed.

Notes:
1. Group A consists of:
    a. Exercise bar screens
    b. Exercise all sump pumps
    c. Drain condensation from air compressor storage tank
    d. Check depth of screening in the screen room and schedule Vactor truck as required
    e. Check all safety equipment
    f. Issue work order requests as required

Table 2-5
Pumping Stations – Pumpage

	Sanitary Pumpage		*Screenings Collected (tons)*[1]
Pumping Station	*Total Wastewater (mg)*	*Daily Average Wastewater (mg)*	
Main[1,2,3]	765.3271*	25.51*	N/A
O St[1,2]	135.3497	4.51	N/A
Eastside	113.4404	3.78	N/A
Poplar Point	328.9	10.96	N/A
Potomac	3340.3571	111.35	N/A
Rock Creek[4]	5.10**	0.17**	N/A
Upper Anacostia	33.5152	1.12	N/A
Earl Place	0.1036	0.0035	N/A

Notes:

1. Screenings collected from the Main and O Street Pumping Stations are combined from the sanitary flow and combined sewer overflows, due to the design of the screening system that consists of vertical trash racks, with no mechanical cleaning. Therefore, quantification of captured screening materials, specifically from combined sewer overflows, is not feasible.
2. Flow meters have been installed in accordance with NPDES Permit No. DC002199 to record CSO discharges from Main and O Street Pumping Stations. This data is reported via Discharge Monitoring Reports submitted to the EPA on a monthly basis. A summary of metered and modeled CSO discharges is included in Section 5.
3. In November 2024, instrumentation began work to replace and test the sensor for M1. Water damage has been the issue and was resolved in January 2025 by completing the work of cutting out the blocked drain, installing a sump pit and sump pump, as well as clearing the drain. Sensor replacements will occur again now that the water issue has been addressed. See WO# 25-82846 *Values above are directly from SCADA software.
4. In April 2025, instrumentation began work to replace the flow meter on Pump #2 at Rock Creek PS. Replacement will occur once the flow meter supplier is able to send out new equipment. See WO# 25-385565 **Values above are estimated using pump speed

2.4 Inflatable Dams and SCADA System

DC Water operates and maintains nine inflatable dams at seven different locations. Table 2-6 summarizes the date(s) the inflatable dams were inspected, and their operational status and condition. The inflatable dams consist of multi-ply elastomeric (i.e., "rubber") fabric dams installed in major overflow conduits within the combined sewer system. The objective of the inflatable dam installation is to increase the effective depth to which the sewage must rise in the combined sewer before overflows occur. The effect of the installation is to retain a greater volume of combined sewage flow resulting from low to moderate intensity storms by maximizing storage within the CSS. During higher intensity storms, when the full carrying capacity of the overflow conduit is required to prevent upstream flooding, the dam is deflated automatically. Inflatable dam operations are summarized below:

Table 2-6
Inflatable Dams – Inspections and Equipment in Service

Inflatable Dam Structure No	*Date Inspected*	*Was Dam Out of Service During the Month?*	*Dates out of Service*	*Reason*	*Schedule to Restore to Service*
14 - East	N/A	**No**	**N/A**	**Note 1**	**N/A**
	4/1/25	**Yes**	**4/1/25**	**Note 2**	**4/1/25**
	4/2/25	**Yes**	**4/2/25**	**Note 3**	**4/2/25**
	4/15/25	**Yes**	**4/15/25**	**Note 9**	**4/15/25**
14 - West	N/A	**No**	**N/A**	**Note 1**	**N/A**
	4/1/25	**Yes**	**4/1/25**	**Note 2**	**4/1/25**
	4/2/25	**Yes**	**4/2/25**	**Note 3**	**4/2/25**
	4/9/25	**Yes**	**4/9/25**	**Note 6**	**4/9/25**
	4/15/25	**Yes**	**4/15/25**	**Note 9**	**4/15/25**
	4/21/25	**Yes**	**4/21/25**	**Note 10**	**4/21/25**
	4/23/25	**Yes**	**4/23/25**	**Note 11**	**4/23/25**
15	4/8/25	**Yes**	**4/8/25**	**Note 4**	**4/8/25**
	4/9/25	**Yes**	**4/9/25**	**Note 5**	**4/9/25**
	4/16/25	**No**	**4/16/25**	**N/A**	**4/16/25**
15A	4/16/25	**No**	**4/16/25**	**N/A**	**4/16/25**
	4/28/25	**Yes**	**4/28/25**	**Note 12**	**4/28/25**
	4/29/25	**Yes**	**4/29/25**	**Note 13**	**4/29/25**
16 – East	N/A	**No**	**N/A**	**Note 1**	**N/A**
	4/14/25	**Yes**	**4/14/25**	**Note 7**	**4/14/25**
	4/15/25	**Yes**	**4/15/25**	**Note 8**	**4/15/25**
16 – West	N/A	**No**	**N/A**	**Note 1**	**N/A**
	4/14/25	**Yes**	**4/14/25**	**Note 7**	**4/14/25**
	4/15/25	**Yes**	**4/15/25**	**Note 8**	**4/15/25**
34	N/A	**No**	**N/A**	**Note 1**	**N/A**
35	4/16/25	**No**	**N/A**	**N/A**	**N/A**
52	N/A	**No**	**N/A**	**Note 1**	**N/A**

Notes:

1. As notified in the letter to EPA June 15, 2023 via email, inflatable dams will be renovated under our Capital Improvement Program. Structures 14, 16, 34, and 52 are currently under construction.
2. Structure14 East and West deflated on 4/1/25 around 7:09am due to upgrades and repairs being done within the structure. The structure was reinflated and returned to service within one hour. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
3. Structure14 East and West deflated on 4/2/25 around 8:25am due to upgrades and repairs being done within the structure. The structure was reinflated and returned to service within four hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
4. Structure15 deflated on 4/8/25 around 9:04am due to construction within the structure. The structure was reinflated and returned to service within four hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
5. Structure15 deflated on 4/9/25 around 7:13am due to contractor presence within the structure. The structure was reinflated and returned to service within ten minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
6. Structure14 West deflated on 4/9/25 due to construction within the structure. Instrumentation was notified, and the structure was reinflated and returned to service within five minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
7. Structure16 East and West deflated on 4/14/25 around 6:27am due to construction within the structure. The structure was reinflated and returned to service within four hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
8. Structure16 East and West deflated on 4/15/25 around 9:20am throughout the morning due to pressure sensor fluctuating. Instrumentation was notified, and the structure was reinflated and returned to service within two hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
9. Structure14 East and West deflated on 4/15/25 around 10:30am due to the butterfly valve being set to manual. Instrumentation was notified, and the structure was reinflated and returned to service within thirty minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
10. Structure14 West deflated on 4/21/25 around 5:51am due to construction within the structure. The structure was reinflated and returned to service within thirty minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
11. Structure14 West deflated on 4/23/25 around 8:30 am due to construction within the structure. The structure was reinflated and returned to service within four hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
12. Structure15A deflated on 4/28/25 around 10:23am due to construction within the structure. Instrumentation was notified, and the structure was reinflated and returned to service within five minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
13. Structure15A deflated on 4/29/25 around 7:44am due to construction within the structure. The structure was reinflated and returned to service within ten hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.

Table 2-7
Inflatable Dams & SCADA Sites – Wet Weather Operations

Inflatable Dam Structure No.	*Overflow Dates*	*Estimated Duration of Overflow*	*Inflatable Dam Operational Status*
14 (E & W)	*None*	*N/A*	*Inflated*
15	*None*	*N/A*	*Inflated*
15A	*None*	*N/A*	*Inflated*
16 (E & W)	*None*	*N/A*	*Inflated*
34	*None*	*N/A*	*Inflated*
35	*4/26/25*	*42mins*	*Deflated*
52	*None*	*N/A*	*Inflated*
			N/A
Structures on Outfall Sewers	*Overflow Dates*	*Estimated Duration of Overflow*	
Outfall Structure 1	None	This structure has been bulk headed. Overflows are no longer possible.	
Outfall Structure 1A	None	This structure has been bulk headed. Overflows are no longer possible.	
Outfall Structure 2	None	N/A	
Outfall Sewer Control Gates	*Operational Status*	*Position*	
Outfall Sewer Control Gate No.1	Operational	Open	
Outfall Sewer Control Gate No.2	Operational	This structure has been bulk headed. Overflows are no longer possible	
Outfall Sewer Control Gate No.2	Operational	This structure has been bulk headed. Overflows are no longer possible	

Notes:

3. DRY WEATHER OVERFLOWS

There was no dry weather combined sewer overflow reported during April 2025.

4. SOLIDS AND FLOATABLES CONTROL

4.1 Catch Basin Cleaning

The following tables summarize catch basin cleaning in the Anacostia CSO area and in the entire sewer system:

Table 4-1
Catch Basin Cleaning

			Inspections			*Cleaning*					
						CBs Cleaned Thru Last Month		*CB's Cleaned This Month*		*Total CBs Cleaned This Year to Date*	
Ward	*Total CBs*	*CBs in CSS*	*CBs in Anacostia CSS*	*Total Anacostia CBs Inspected Once this Year*	*Total Anacostia CBs Inspected Twice this Year*	Total	In CSS	Total	In CSS	Total	In CSS
1	1467	1442	661	357	14	29	29	8	8	37	37
2	2849	2650	490	75	6	43	38	8	8	51	46
3	3724	184	0	0	0	51	0	118	0	169	0
4	3554	1769	0	0	0	29	29	929	3	958	32
5	4076	1750	1686	24	2	65	15	1686	16	1751	31
6	3411	2750	2737	860	22	31	29	20	20	51	49
7	3914	43	43	15	0	2741	0	745	0	3486	0
8	2938	214	214	6	0	1358	6	186	0	1544	6
Grand Total	**25935**[1]	**10804**[1]	**5831**[1]	**1337**	**44**	**4347**	**146**	**3700**	**55**	**8047**	**201**
% Cleaned/Inspected to Date				**23%**	**1%**					**31%**	**2%**

Notes:

1. The number of catch basins in our service area changes with the ongoing connections and abandonments to the sewer infrastructure.

4.2 BMP Demonstration for Solid and Floatable Control

DC WATER operates the following demonstration projects designed to remove solids and floatables from CSO prior to discharge.

- Bar Rack at CSO 040 and 041 to Rock Creek

Table 4-2
BMP Demonstration Projects – Report

Facility	*Date Inspected*	*Condition*	*Work Needed*	*Work performed*	*Material Removed (LB)*
Bar Rack CSO 040	04/14/2025	Good	None	Routine Cleaning	(1)
Bar Rack CSO 041	04/28/2025	Good	None	Routine Cleaning	(1)

Notes:
(1) System was designed so that captured solids and floatables are conveyed to Blue Plains for treatment.

4.3 Anacostia River Floating Debris Removal Program

This program was initiated in October 1992 to remove floating debris from Anacostia and Potomac Rivers on a routine basis. The program has continued from that time and is now under the auspices of DC WATER, Department of Sewer Operations. The floating debris removal program utilizes a skimmer boat and support boats to remove floatable debris from the Rivers as well as trash, which accumulates on the riverbanks and in the mud flats at low tides. Work for the most part is directed toward the Anacostia River. The boats pick up debris five days a week. Operations are summarized as follows:

Table 4-3
Anacostia River Floating Debris Removal Program – Summary

Program Operation	5-day work week, excluding holidays, weather permitting
Work Days this month:	22
Days not Operating	6
Reason not Operating	Maintenance, wind, low water levels.
# Skimmer in Fleet	3 Skimmers
# Skimmers Out of Service	1 Skimmer
Dates	B34: Apr 22 through Apr 30.
Reason	B34: Hydraulic cylinder failure on the port propulsion unit.
Plan to Restore to Service	B34: ETR July 2025
Amount Material Collected	5 tons this month. Calendar year to date 10 tons.
Nature of Material	Bottles, cans. natural debris, and plastics.

4.4 CSS Litter Control

This section describes DC WATER's efforts to coordinate litter control efforts with the National Park Service and D.C. Department of Public Works to maximize litter control efforts in the combined sewer system.

No Activity this month.

5. MONITORING

5.1 Condition Report Bar Racks at Main and O Street Storm Pumps

DC Water performs visual surveys of the bar racks at Main and O Street Pumping Stations to characterize the quantity and nature of floatable discharge. The physical condition of the bar racks and any maintenance requirements are also noted.

Table 5-1
Bar Racks at Main & O Street Pumping Stations

Pumping Station	Date Inspected	Condition		Work Order Number	Work Needed	Work Performed or Schedule for Completion
		Good	Needs Work			
Bar Racks at O Street Storm Pumps (CSO 010)	4/9/25	X		25-427757		
Bar Racks at Main Storm Pumps (CSO 011)	4/9/25	X		25-427750		

5.2 Rain Data

Rain data from National Airport and from the rain gauges installed in the CSS are summarized below.

Date	Brentwood Pumping Station	Bryant Street Pumping Station	Main Pumping Station	Rock Creek Pumping Station	National Airport
4/1/2025	0.10	0.11	0.11	0.07	0
4/2/2025	0	0	0	0	0
4/3/2025	0	0	0	0	0
4/4/2025	0.01	0.03	0.01	0.03	0.04
4/5/2025	0	0	0	0	0
4/6/2025	0.01	0.02	0	0.02	0.01
4/7/2025	0.48	0.49	0.70	0.61	0.79
4/8/2025	0	0	0	0	0
4/9/2025	0	0	0	0	0
4/10/2025	0	0	0	0	0
4/11/2025	1.21	1.18	1.36	1.35	1.42
4/12/2025	0.09	0.10	0.12	0.09	0.09
4/13/2025	0	0	0	0	0
4/14/2025	0.11	0.09	0.07	0.11	0.07
4/15/2025	0	0	0	0.01	0.01
4/16/2025	0	0	0	0	0
4/17/2025	0	0	0	0	0
4/18/2025	0	0	0	0	0
4/19/2025	0	0	0	0	0
4/20/2025	0	0	0	0	0
4/21/2025	0	0	0	0	0
4/22/2025	0	0	0	0	0
4/23/2025	0	0	0	0	0
4/24/2025	0	0	0	0	0
4/25/2025	0	0	0	0	0.04
4/26/2025	0.26	0.42	0.42	0.56	0.55
4/27/2025	0	0	0	0	0
4/28/2025	0	0	0	0	0
4/29/2025	0	0	0	0	0
4/30/2025	0	0	0	0	0.01
TOTAL	**2.27**	**2.44**	**2.79**	**2.85**	**3.03**

5.3 Wet Weather Overflows

The wet weather overflow data for this quarter is reported below in the Combined Sewer System Modeled and Metered Quarterly Results table located in Section 5.3 of the June 2025 Report.

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

Serving the Public • Protecting the Environment

Monthly Operations Report For
Combined Sewer System

Month: May 2025

Prepared By:
District of Columbia
Water and Sewer Authority
Department of
Pumping and Sewer Operations
Washington, D.C. 20003

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
Washington, D.C.

Monthly Operations Report for Combined Sewer System
Month: May 2025
Table of Contents

1. INTRODUCTION

The District of Columbia Water and Sewer Authority (DC Water) operates a wastewater collection system comprised of separate and combined sewers. Separate storm and sanitary sewers serve two-thirds of the District. In the combined sewer system (CSS), there is a single sewer to convey storm water and sanitary wastes. The area served by combined sewers comprises about one-third of the District.

During dry weather, sanitary wastes collected in the CSS are conveyed to the DC Water's advanced wastewater treatment plant at Blue Plains (BPAWWTP or the Blue Plains AWWTP). During periods of rainfall, the capacity of a combined sewer may be exceeded and the excess flow, which is a mixture of storm water and sanitary wastes, is discharged directly to the Anacostia River, Rock Creek or the Potomac River or their tributary waters. This report summarizes the operations of the combined sewer system for the month indicated.

2. OPERATION AND MAINTENANCE

2.1 Regulators

Regulators divert combined sewage to interceptors, which convey flow to BPAWWTP for treatment. When flows exceed the capacities of the systems such as during significant rain events, regulators divert excess flow to the tunnel system for temporary storage, and CSO outfalls which discharge to receiving waters. The following table summarizes inspections of CSO regulators in the collection system.

Table 2-1
Regulator Structures

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
2[1]	Bolling AFB, 2250 ft. north of the south line of the Base, SW	003	N/A				
4[1]	Bolling AFB, 2250 ft. north of the south line of the Base, SW	003	N/A				
5[1]	Poplar Point Pumping Station	004	N/A				
6	Chicago Street and Railroad Ave, SE	005	05/16/2025	*			
7	W Street and Railroad Ave, SE	005	05/16/2025	*			
8[1]	Good Hope Rd, west of Nichols Ave, SE	006	N/A				
9	13th Street and Ridge Place, SE (Diversion Structure)	007	05/16/2025	*			
9a	13th Street and Ridge Place, SE (Regulator Structure)	007	05/16/2025	*			
9b	11th Street Bridge and DC 295 SB (CSO-007 Diversion Chamber)	007	05/16/2025	*			
11	"O" Street Pumping Station	011(a)	05/16/2025	*			
12	Storm Pump Discharge at Main Pumping Station	011	05/28/2025	*			
13	2nd Street, 300 ft. north of N Place, SE	009	05/16/2025	*			
14	2nd Street, 250 ft. north of N Place, SE	011(a)	05/20/2025	*			
15	South Capitol and E Streets	010	05/20/2025	*			
15a	Half and L Streets, SE	010	05/20/2025	*			
15b	South Capitol and I Streets	010	05/14/2025	*			
15c	South Capitol and I Streets	010	05/14/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
16	North of Main Sewage Pumping Station	012	05/20/2025	*			
17	4th and N Streets, SE, Both Extended	013	05/12/2025	*			
17a	K Street between 6th Street and 7th Street, SE (Side Overflow Weir)	013	05/22/2025	*			
17b	4th and N Streets, SE, Both Extended (CSO-013 Diversion Chamber)	013	05/12/2025	*			
18	6th and M Streets, SE (Diversion and Overflow Structure)	014	05/22/2025	*			
18a	Tingey Street SE and 5 1 / 2 Street SE (CSO-014 Diversion Chamber)	014	05/12/2025	*			
19	9th and M Streets, SE	015	05/22/2025	*			
19a	9th and M Streets, SE	015	05/22/2025	*			
19b	9th and M Streets, SE (Diversion Chamber)	015	05/22/2025	*			
19c	9th and M Streets, SE (Diversion Chamber)	015	05/22/2025	*			
20	12th and M Streets, SE	016	05/21/2025	*			
20a	12th and M Streets, SE	016	05/21/2025	*			
20b	12th and M Streets, SE (CSO-016 Diversion Chamber)	016	05/21/2025	*			
21	14th and M Streets, SE	017	05/21/2025	*			
21a	14th and M Streets, SE (CSO-017 Diversion Chamber)	017	05/21/2025	*			
22a	Barney Circle and Pennsylvania Ave, SE	018	05/21/2025	*			
22b	Barney Circle and Pennsylvania Ave, SE	018	05/21/2025	*			
22c	Barney Circle and Pennsylvania Ave, SE	018	05/21/2025	*			
22d	Kentucky Ave and Potomac Street, SE	018	05/21/2025	*			
22e	14th Street and Kentucky Ave, SE	018	05/21/2025	*			
23	Independence Ave, 21st Street, SE, Extended	019	05/21/2025	*			
24a	East Capitol St, west of RFK stadium	019	05/21/2025	*			
28	21st and Constitution Ave, NW	020	05/05/2025	*			
29	22nd Street, between Constitution Ave and C St, NW	020	05/05/2025	*			
30	17th and D Streets, NW	020	05/05/2025	*			
31	15th Street and Pennsylvania Ave, NW	020	05/05/2025	*			
33	10th and F Streets, NW	020	05/05/2025	*			
34	23rd Street, north of Constitution Ave, NW	020	05/20/2025	*			
34a	23rd Street near C Street, NW	020	05/05/2025	*			
35	Northeast of Roosevelt Bridge, NW	021	05/20/2025	*			
35c	Kennedy Center Rock Creek and Potomac Pkwy Northeast of Roosevelt Bridge, NW	021	05/09/2025	*			
36	27th and I Streets, NW	022	05/05/2025	*			
36a	New Hampshire Ave and Eye Street, NW	022	05/05/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
36b	19th and L Streets, NW	022, 034	05/12/2025	*			
36d	17th and L Streets, NW	022, 034	05/12/2025	*			
36g	18th and M Streets, NW	022, 034	05/12/2025	*			
36h	18th and M Streets, NW	022, 034	05/12/2025	*			
37	27th and Eye Streets, NW	022	05/05/2025	*			
38	29th and K Streets, NW	024	05/05/2025	*			
38a	30th Street, south of K Street, NW	024	05/05/2025	*			
39a	30th and K Streets, NW	024	05/05/2025	*			
39b	30th and K Streets, NW	024	05/05/2025	*			
41b[1]	31st and K Streets, NW	025	N/A				
41c[1]	31st and K Streets, NW	025	N/A				
42[1]	Wisconsin Ave and K Street, NW	026	N/A				
43	Potomac and Water Streets, NW	027	05/06/2025	*			
43a	Potomac and Water Streets, NW	027	05/06/2025	*			
44	Water Street, west of Potomac St, NW	027	05/06/2025	*			
45	36th and M Streets, NW	028	05/09/2025	*			
46	Canal Rd, 1000ft. east of Foxhall Rd, NW	029	05/09/2025	*			
47	38th Street and Reservoir Road, NW	029	05/09/2025	*			
47a	37th and T Streets, NW	029	05/09/2025	*			
47b	37th and T Streets, NW	029	05/09/2025	*			
47c	38th and W Streets, NW	029	05/09/2025	*			
49[1]	Pennsylvania Ave, east side of Rock Creek, NW	031	N/A				
50	26 and M Streets, NW	032	05/27/2025	*			
51	N Street Extended, west of 25th Street, NW	033	05/27/2025	*			
52	22nd Street between M and N Streets, NW	034	05/27/2025	*			
52a	N Street between 22nd and 23rd Streets, NW	034	05/12/2025	*			
53	22nd and M Streets, NW	022, 034	05/12/2025	*			
53a	22nd and M Streets, NW	022, 034	05/12/2025	*			
53b	L Street between 21st Street and New Hampshire Ave, NW	022, 034	05/22/2025	*			
53c	L and 22nd Streets, NW	022	05/22/2025	*			
54	23rd and O Streets, NW	034	05/06/2025	*			
55	22nd Street, south of Q Street, NW	035	05/06/2025	*			
55a	22nd Street, south of Q Street, NW	035	05/06/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
56	23rd and Massachusetts Ave, NW	036	05/06/2025	*			
57	23rd Street, south of Q Street, NW	036	05/06/2025	*			
58[1]	Northwest of Belmont Road and Rock Creek and Potomac Parkway, NW	037	N/A				
59	North of Belmont Rd, east of Kalorama Cir, NW	038	05/27/2025	*			
60	Connecticut Ave, east of Rock Creek, NW	039	05/27/2025	*			
61	Biltmore St, Extended, east of Rock Creek, NW	040	05/27/2025	*			
62	Ontario Rd, Extended, and Rock Creek Pkwy, NW	041	05/27/2025	*			
63	Harvard Street and Rock Creek Parkway, NW	042	05/27/2025	*			
64	Adams Mill Road, south of Irving Street, NW	043	05/27/2025	*			
65	Kenyon Street and Adams Mill Road, NW	044	05/27/2025	*			
65a	Kenyon Street and Adams Mill Road, NW	044	05/27/2025	*			
66	Adams Mill Road and Lamont Street, NW	045	05/27/2025	*			
67	Park Rd , south of Piney Branch Pkwy, NW	046	05/27/2025	*			
68	Ingleside Terrance, Extended and Piney Branch Parkway, NW	047	05/27/2025	*			
69	Mt. Pleasant Street, Extended and Piney Branch Parkway, NW	048	05/27/2025	*			
70	Piney Branch Parkway, west of 16th Street, NW	049	05/27/2025	*			
70i	5th and Quackenbos Streets, NW	049	05/16/2025	*			
71	28th Street, west of Rock Creek Parkway, NW	050	05/14/2025	*			
72	Olive Street Extended and Rock Creek Pkwy, NW	051	05/06/2025	*			
72a	Olive Street Extended and Rock Creek Pkwy, NW	051	05/06/2025	*			
73	O Street Extended and Rock Creek Parkway, NW	052	05/06/2025	*			
74[1]	Q Street, west of Rock Creek, NW	053	N/A				
75	West side of Rock Creek, 300 ft. south of Massachusetts Ave, NW	054	05/22/2025	*			
77	Normanstone Dr Extended, west of Rock Creek, NW	056	05/22/2025	*			
77a	Normanstone Dr and Normanstone Lane, NW	056	05/22/2025	*			
78[1]	28th Street Extended, west of Rock Creek, NW	057	N/A				
79[1]	Connecticut Ave and Rock Creek Parkway, NW	058	N/A				
84	26th and P Streets, NW	060	05/06/2025	*			
84a	26th and P Streets, NW	060	05/06/2025	*			
86	Diversion Chamber and Vortex Drop at First and Channing St, NW (First St Tunnel)	019	05/30/2025	*			
88	Flagler and Adams St. NW (First St Tunnel)	019	05/30/2025	*			
89	First and V St, NW (First St Tunnel)	019	05/30/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
90	First and V St, NW (First St Tunnel)	019	05/30/2025	*			
91	First and V St, NW (First St Tunnel)	019	05/30/2025	*			
92	CSO 019 Diversion Near Eastside PS (Anacostia River Tunnel)	019	05/29/2025	*			
93	CSO 018 Diversion Near Barney Circle (Anacostia River Tunnel)	018	05/29/2025	*			
95	M Street Approach Channel M and Water St SE (Anacostia River Tunnel)	015, 016, 017	05/21/2025	*			
96	CSO 007 Shaft at 11th St Bridge and DC I-295 SB Diversion Facilities (Anacostia River Tunnel)	007	05/22/2025	*			
97	CSO 005 Diversion at Chicago St Trunk Sewer, I295 SB (Anacostia River Tunnel)	005	05/22/2025	*			
98	Main Pumping Station Diversions (Anacostia River Tunnel)	009 – 012	05/22/2025	*			
99	CSO 009 and 011a Diversion Facilities (Anacostia River Tunnel)	009, 011a	05/20/2025	*			
100	CSO 012 Diversion Facilities (Anacostia River Tunnel)	012	05/20/2025	*			
101	Main Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	N/A	05/21/2025	*			
102	Anacostia Main Interceptor Diversion Chamber	N/A	05/21/2025	*			
103	Poplar Point PS Emergency Overflow Chamber (Anacostia River Tunnel)	N/A	05/21/2025	*			
104	Poplar Point PS Discharge Chamber	N/A	05/21/2025	*			
105	Potomac Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	003A	05/28/2025	*			
106	R Street Diversion Chamber (RS-DC) and R Street Drop Shaft (RS-DS)	019	05/30/2025	*			
107	Florida Avenue Diversion Chamber (FLA-DC), Florida Avenue Drop Shaft (FLA-DS)	019	05/30/2025	*			
108	T Street Junction Chamber (TS-JC), T Street Drop Shaft (TS-DS)	019	05/30/2025	*			
109	4th Street NE Diversion Chamber (4S-DC), 4th Street Drop Shaft (4S-DS)	019	05/30/2025	*			
110	Rhode Island Avenue Diversion Chamber (RIA-DC), Rhode Island Avenue Drop Shaft (RIA-DS)	019	05/30/2025	*			
111a	Mount Olivet Road Junction Chamber (MOR-JC)	019	05/30/2025	*			
111b	Mount Olivet Road Diversion Chamber (MOR-DC)	019	05/30/2025	*			
111c	Mount Olivet Road Drop Shaft (MOR-DS)	019	05/30/2025	*			

Notes:

1. Noted structures no longer function as a combined sewer overflow regulator structure.

2.2 Outfalls, Tide Gates and CSO Signs

The following table summarizes inspections, maintenance and work performed on outfall structures, tide gates and CSO signs in the collection system.

Table 2-2
Outfalls and Tide Gates

NPDES Outfall	*Location*	*Date Inspected*	*Outfall Condition*		*Tide Gate Present?*		*Tide Gate Condition*		*CSO Sign*		*Notes, Work Needed or Performed*
			OK	Needs Work	Yes	No	OK	Needs Work	OK	Needs Work	
003[1]	Bolling Air Force Base, at Giavanolli and Chanute, SW	N/A									
003a	Joint Base Anacostia Bolling Macdill and Arnold Ave SW	05/29/2025	*		*		*		*		
005	Across from Navy Yard, aligned with Parsons Ave., SE	05/22/2025	*		*		*		*		
006[1]	Good Hope Road and Welsh Memorial Bridge	N/A									
007	Between 11th St. and Anacostia Bridges, SE	05/28/2025	*		*		*		*		
009	O St. Sewage Pumping Station, SE	05/28/2025	*		*		*		*		
010	O St. Sewage Pumping Station, SE	05/28/2025	*			*			*		
011	Main Sewage Pumping Station, SE	05/28/2025	*			*			*		
011a	Main Sewage Pumping Station, SE	05/28/2025	*		*		*		*		
012	Main Sewage Pumping Station, SE	05/28/2025	*		*		*		*		
013	Southeast Federal Center, aligned with 4th St.	05/28/2025	*		*		*		*		
014	Navy Yard, aligned with 6th St., SE	05/28/2025	*		*		*		*		
015	Navy Yard, aligned with 9th Street, SE	05/28/2025	*			*			*		
016	12th and O Streets, SE	05/28/2025	*		*		*		*		
017	M and Water Street, SE	05/28/2025	*		*		*		*		
018	East of Barney Circle & South of Pennsylvania Avenue Bridge, SE	05/28/2025	*		*		*		*		
019	Adjacent to Service Drive behind swirl facility & D.C. General Hospital	05/29/2025	*		*		*		*		
019a	Adjacent to Service Drive behind swirl facility & D.C. General Hospital (Tunnel Overflow Structure)	05/29/2025	*		*		*		*		
020	Rock Creek Parkway and Independence, NW	05/07/2025	*		*		*		*		
021	Rock Creek Parkway and C St., NW	05/07/2025	*		*		*		*		
022	Rock Creek Parkway and G St., NW	05/07/2025	*		*		*		*		
024	South of 30th and K Streets, NW[1]	05/07/2025	*		*		*		*		
025[1]	South of 31st and K Streets, NW	N/A									
026[1]	Wisconsin Avenue and Water Street, NW	N/A									
027	33rd and Water Sts., NW	05/07/2025	*			*			*		
028	Key Bridge and Whitehurst Freeway, NW	05/07/2025	*			*			*		
029	Adjacent to C&O Canal, aligned with 38th St. NW	05/07/2025	*			*			*		

NPDES Outfall	Location	Date Inspected	Outfall Condition		Tide Gate Present?		Tide Gate Condition		CSO Sign		Notes, Work Needed or Performed
			OK	Needs Work	Yes	No	OK	Needs Work	OK	Needs Work	
031[1]	Rock Creek Pkwy & Pennsylvania Avenue, NW	N/A									
032	26th and M Street, NW	05/27/2025	*			*			*		
033	Across street from St. Francis Jr. High and aligned with N St., NW.	05/27/2025	*		*		*		*		
034	Just west of St. Francis Jr. High and north of N St., NW	05/06/2025	*			*			*		
035	P St. Bridge and Rock Creek Parkway	05/06/2025	*			*			*		
036	22nd Street, South of Q Street NW.	05/14/2025	*		*		*		*		
037[1]	Waterside Dr. and Rock Creek Parkway	N/A									
038	Between arch footbridge and Connecticut Ave., north of Kalorama Circle, NW.	05/27/2025	*		*		*		*		
039	Connecticut Avenue Bridge and Rock Creek Parkway, NW.	05/27/2025	*		*		*		*		
040	Aligned with Biltmore Rd., between Connecticut Ave and Ellington Bridge.	05/27/2025	*		*		*		*		
041	Beach Dr. and Ontario Pl., NW	05/14/2025	*		*		*		*		
042	Harvard St. and Beach Dr NW.	05/14/2025	*		*		*		*		
043	Upstream of Harvard St. and Beach Dr NW.	05/14/2025	*		*		*		*		
044	Kenyon Street and Beach Dr., NW.	05/14/2025	*		*		*		*		
045	North of Beach Dr. and Walbridge Pl, NW.	05/14/2025	*		*		*		*		
046	Piney Branch Parkway and Park Road, NW.	05/27/2025	*			*			*		
047	Piney Branch Parkway and Ingleside Terrace	05/27/2025	*		*		*		*		
048	South of Piney Branch Parkway and 17th St.	05/27/2025	*		*		*		*		
049	North of Piney Branch Parkway and 17th St.	05/27/2025	*		*		*		*		
050	Rock Creek Parkway and L St., NW	05/14/2025	*		*		*		*		
051	Across Rock Creek Pkwy, aligned with Olive St., NW.	05/27/2025	*		*		*		*		
052	Between P & Penna. Ave Bridges, aligned with O Street, NW.	05/27/2025	*		*		*		*		
053[1]	Q St. Bridge and Rock Creek Parkway, NW.	N/A									
054	Massachusetts Ave & Rock Creek Parkway, NW.	05/22/2025	*		*		*		*		
056	Normanstone Dr. and Rock Creek Parkway, NW.	05/22/2025	*		*		*		*		
057[1]	28th Street and Rock Creek Parkway, NW	N/A									
058[1]	Connecticut Ave & Rock Creek Parkway, NW.	N/A									
060	North of P St. Bridge & Rock Creek Pkwy, NW	05/14/2025	*		*		*		*		

Notes:

1. Outfall no longer functions as a combined sewer outfall.

2.3 Pumping Stations

Pumping station operations are summarized in the table below.

Table 2-3
Pumping Stations – Inspections and Equipment in Service

Pumping Station	*No. of Inspections*	*No. Screens*	*No. Pumps*	*Screens or Pumps Out of Service*	*Dates*	*Reason*	*Work Order Number*	*Schedule to Restore to Service*
Main	31	3	4	Pump 3[1]	5/1/2025-5/31/2025	Pump taken out of service for planned repairs	25-226406	Anticipated return to service 10/31/25
O Street	31	2	4	Pump 3	5/1/25-5/26/25	VFD fault	25-455040	Returned to service 5/26/25
East Side	1	2	4	Pump 4[1]	5/1/2025-5/31/2025	Motor overload	25-399016	Anticipated return to service 10/31/25
Poplar Point	1	2	4	None	-	-	-	-
Potomac	31	4	5	Pump 4[1]	5/1/2025-5/31/2025	Motor needed repair	24-609732	Anticipated return to service 10/31/25

Notes:

1. Manufacturer parts aren't readily available, so we continue to wait for replacement parts to be built and delivered. Upgrade CIP project underway to replace with new equipment.

/

Table 2-4
Pumping Stations – Preventive Maintenance

Pumping Station	*Date Performed*	*Type of Preventive Maintenance Performed*[1]	*Work Order Number*	*Comments*
Main	5/28/25	Group A	25-428753	Add oil, grease bearings and replace packing if needed.
O St	5/28/25	Group A	25-447883	Add oil, grease bearings and replace packing if needed.
Eastside	5/22/25	Group A	25-458931	Add oil, grease bearings and replace packing if needed.
Poplar Point	5/28/25	Group A	25-432793	Add oil, grease bearings and replace packing if needed.
Potomac	5/23/25	Group A	25-462832	Add oil, grease bearings and replace packing if needed.
Rock Creek	5/23/25	Group A	25-412086	Add oil, grease bearings and replace packing if needed.
Upper Anacostia	5/22/25	Group A	25-432825	Add oil, grease bearings and replace packing if needed.
Earl Place	5/22/25	Group A	25-409216	Add oil, grease bearings and replace packing if needed.

Notes:
1. Group A consists of:
    a. Exercise bar screens
    b. Exercise all sump pumps
    c. Drain condensation from air compressor storage tank
    d. Check depth of screening in the screen room and schedule Vactor truck as required
    e. Check all safety equipment
    f. Issue work order requests as required

Table 2-5
Pumping Stations – Pumpage

	Sanitary Pumpage		*Screenings Collected (tons)*[1]
Pumping Station	*Total Wastewater (mg)*	*Daily Average Wastewater (mg)*	
Main[1,2,3]	1085.64*	35.02*	N/A
O St[1,2]	167.65	5.41	N/A
Eastside	151.22	4.88	N/A
Poplar Point	351.11	11.326	N/A
Potomac	4053.85	130.77	N/A
Rock Creek[4]	13.96**	0.4502**	N/A
Upper Anacostia	34.88	1.125	N/A
Earl Place	0.1994	0.00643	N/A

Notes:

1. Screenings collected from the Main and O Street Pumping Stations are combined from the sanitary flow and combined sewer overflows, due to the design of the screening system that consists of vertical trash racks, with no mechanical cleaning. Therefore, quantification of captured screening materials, specifically from combined sewer overflows, is not feasible.
2. Flow meters have been installed in accordance with NPDES Permit No. DC002199 to record CSO discharges from Main and O Street Pumping Stations. This data is reported via Discharge Monitoring Reports submitted to the EPA on a monthly basis. A summary of metered and modeled CSO discharges is included in Section 5.
3. In November 2024, instrumentation began work to replace and test the sensor for M1. Water damage has been the issue and was resolved in January 2025 by completing the work of cutting out the blocked drain, installing a sump pit and sump pump, as well as clearing the drain. Sensor replacements will occur again now that the water issue has been addressed. See WO# 25-82846 *Values above are directly from SCADA software.
4. In April 2025, instrumentation began work to replace the flow meter on Pump #2 at Rock Creek PS. Replacement will occur once the flow meter supplier is able to send out new equipment. See WO# 25-385565 **Values above are estimated using pump speed

2.4 Inflatable Dams and SCADA System

DC Water operates and maintains nine inflatable dams at seven different locations. Table 2-6 summarizes the date(s) the inflatable dams were inspected, and their operational status and condition. The inflatable dams consist of multi-ply elastomeric (i.e., "rubber") fabric dams installed in major overflow conduits within the combined sewer system. The objective of the inflatable dam installation is to increase the effective depth to which the sewage must rise in the combined sewer before overflows occur. The effect of the installation is to retain a greater volume of combined sewage flow resulting from low to moderate intensity storms by maximizing storage within the CSS. During higher intensity storms, when the full carrying capacity of the overflow conduit is required to prevent upstream flooding, the dam is deflated automatically. Inflatable dam operations are summarized below:

Table 2-6
Inflatable Dams – Inspections and Equipment in Service

Inflatable Dam Structure No	*Date Inspected*	*Was Dam Out of Service During the Month?*	*Dates out of Service*	*Reason*	*Schedule to Restore to Service*
14 - East	N/A	**No**	**N/A**	**Note 1**	**N/A**
14 - West	N/A	**No**	**N/A**	**Note 1**	**N/A**
15	5/20/25	**No**	**N/A**	**N/A**	**N/A**
15A	5/20/25 5/20/25	**No** **Yes**	**N/A** **5/20/25**	**N/A** **Note 2**	**N/A** **5/20/25**
16 – East	N/A	**No**	**N/A**	**Note 1**	**N/A**
16 – West	N/A	**No**	**N/A**	**Note 1**	**N/A**
34	N/A	**No**	**N/A**	**Note 1**	**N/A**
35	5/20/25	**No**	**N/A**	**N/A**	**N/A**
52	N/A	**No**	**N/A**	**Note 1**	**N/A**

Notes:

1. As notified in the letter to EPA June 15, 2023 via email, inflatable dams will be renovated under our Capital Improvement Program. Structures 14, 16, 34, and 52 are currently under construction.
2. Structure 15A deflated on 5/20/25 around 11:14am due to contractor presence within in the structure. Instrumentation was notified and the structure was reinflated and returned to service within thirty minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.

Table 2-7
Inflatable Dams & SCADA Sites – Wet Weather Operations

Inflatable Dam Structure No.	*Overflow Dates*	*Estimated Duration of Overflow*	*Inflatable Dam Operational Status*
14 (E & W)	*None*	*N/A*	*Inflated*
15	*None*	*N/A*	*Inflated*
15A	*None*	*N/A*	*Inflated*
16 (E & W)	*None*	*N/A*	*Inflated*
34	*None*	*N/A*	*Inflated*
35	*5/4/25* *5/5/25*	*52mins* *12mins*	*Deflated* *Deflated*
52	*None*	*N/A*	*Inflated*
Structures on Outfall Sewers	*Overflow Dates*	*Estimated Duration of Overflow*	
Outfall Structure 1	None	This structure has been bulk headed. Overflows are no longer possible.	
Outfall Structure 1A	None	This structure has been bulk headed. Overflows are no longer possible.	
Outfall Structure 2	None	N/A	*N/A*
Outfall Sewer Control Gates	*Operational Status*	*Position*	
Outfall Sewer Control Gate No.1	Operational	Open	
Outfall Sewer Control Gate No.2	Operational	This structure has been bulk headed. Overflows are no longer possible	
Outfall Sewer Control Gate No.2	Operational	This structure has been bulk headed. Overflows are no longer possible	

Notes:

3. DRY WEATHER OVERFLOWS

There was no dry weather combined sewer overflow reported during May 2025.

4. SOLIDS AND FLOATABLES CONTROL

4.1 Catch Basin Cleaning

The following tables summarize catch basin cleaning in the Anacostia CSO area and in the entire sewer system:

Table 4-1
Catch Basin Cleaning

			Inspections			*Cleaning*					
						CBs Cleaned Thru Last Month		*CB's Cleaned This Month*		*Total CBs Cleaned This Year to Date*	
Ward	*Total CBs*	*CBs in CSS*	*CBs in Anacostia CSS*	*Total Anacostia CBs Inspected Once this Year*	*Total Anacostia CBs Inspected Twice this Year*	Total	In CSS	Total	In CSS	Total	In CSS
1	1467	1442	661	357	14	37	37	20	20	57	57
2	2849	2650	490	87	6	51	46	35	35	86	81
3	3724	184	0	0	0	169	0	1738	0	1907	0
4	3554	1769	0	0	0	958	32	498	34	1456	66
5	4076	1750	1686	35	6	1751	31	115	15	1866	46
6	3411	2750	2737	879	33	51	49	39	30	90	79
7	3914	43	43	15	0	3486	0	102	0	3588	0
8	2938	214	214	6	0	1544	6	201	0	1745	6
Grand Total	**25935**[1]	**10804**[1]	**5831**[1]	**1379**	**59**	**8047**	**201**	**2748**	**134**	**10795**	**335**
% Cleaned/Inspected to Date				**24%**	**1%**					**42%**	**3%**

Notes:

1. The number of catch basins in our service area changes with the ongoing connections and abandonments to the sewer infrastructure.

4.2 BMP Demonstration for Solid and Floatable Control

DC WATER operates the following demonstration projects designed to remove solids and floatables from CSO prior to discharge.

- Bar Rack at CSO 040 and 041 to Rock Creek

Table 4-2
BMP Demonstration Projects – Report

Facility	*Date Inspected*	*Condition*	*Work Needed*	*Work performed*	*Material Removed (LB)*
Bar Rack CSO 040	05/27/2025	Good	None	Routine Cleaning	(1)
Bar Rack CSO 041	05/14/2025	Good	None	Routine Cleaning	(1)

Notes:
(1) System was designed so that captured solids and floatables are conveyed to Blue Plains for treatment.

4.3 Anacostia River Floating Debris Removal Program

This program was initiated in October 1992 to remove floating debris from Anacostia and Potomac Rivers on a routine basis. The program has continued from that time and is now under the auspices of DC WATER, Department of Sewer Operations. The floating debris removal program utilizes a skimmer boat and support boats to remove floatable debris from the Rivers as well as trash, which accumulates on the riverbanks and in the mud flats at low tides. Work for the most part is directed toward the Anacostia River. The boats pick up debris five days a week. Operations are summarized as follows:

Table 4-3
Anacostia River Floating Debris Removal Program – Summary

Program Operation	5-day work week, excluding holidays, weather permitting
Work Days this month:	21
Days not Operating	4
Reason not Operating	Maintenance, wind, low water levels.
# Skimmer in Fleet	3 Skimmers
# Skimmers Out of Service	2 Skimmers
Dates	B33: May 21 - May 31. B34: May 1 - May 31
Reason	B33: Hydraulic cylinder failure on starboard prop assembly. B34: Hydraulic cylinder failure on the port propulsion unit.
Plan to Restore to Service	B33: ETR July 2025. B34: ETR July 2025
Amount Material Collected	5 tons this month. Calendar year to date 15 tons.
Nature of Material	Bottles, cans. natural debris, and plastics.

4.4 CSS Litter Control

This section describes DC WATER's efforts to coordinate litter control efforts with the National Park Service and D.C. Department of Public Works to maximize litter control efforts in the combined sewer system.

No Activity this month.

5. MONITORING

5.1 Condition Report Bar Racks at Main and O Street Storm Pumps

DC Water performs visual surveys of the bar racks at Main and O Street Pumping Stations to characterize the quantity and nature of floatable discharge. The physical condition of the bar racks and any maintenance requirements are also noted.

Table 5-1
Bar Racks at Main & O Street Pumping Stations

Pumping Station	Date Inspected	Condition		Work Order Number	Work Needed	Work Performed or Schedule for Completion
		Good	Needs Work			
Bar Racks at O Street Storm Pumps (CSO 010)	5/1/25	X		25-482044		
Bar Racks at Main Storm Pumps (CSO 011)	5/1/25	X		25-482037		

5.2 Rain Data

Rain data from National Airport and from the rain gauges installed in the CSS are summarized below.

Date	Brentwood Pumping Station	Bryant Street Pumping Station	Main Pumping Station	Rock Creek Pumping Station	National Airport
5/1/2025	0	0	0	0	0
5/2/2025	0	0	0	0	0
5/3/2025	0	0	0	0	0.31
5/4/2025	0.55	0.65	0.50	0.98	0.22
5/5/2025	0.61	0.87	0.84	0.73	0.64
5/6/2025	0	0.07	0.02	0	0.02
5/7/2025	0	0	0	0	0
5/8/2025	0.11	0	0	0.10	0.03
5/9/2025	0.61	0.56	0.56	0.70	0.99
5/10/2025	0	0	0	0	0
5/11/2025	0	0	0	0	0
5/12/2025	0	0	0	0	0
5/13/2025	1.39	1.59	1.54	1.58	1.58
5/14/2025	0.27	0.37	0.17	0.66	0.66
5/15/2025	0	0	0	0	0
5/16/2025	0.53	0.34	0.34	0.21	0.30
5/17/2025	0	0	0.01	0	0
5/18/2025	0	0	0	0	0
5/19/2025	0	0	0	0	0
5/20/2025	0	0	0	0	0
5/21/2025	0.60	0.66	0.67	0.57	0.61
5/22/2025	0.21	0.15	0.08	0.09	0.11
5/23/2025	0	0	0	0	0
5/24/2025	0	0	0	0	0
5/25/2025	0	0	0	0	0
5/26/2025	0	0	0	0	0
5/27/2025	0.01	0.01	0.01	0.01	0.08
5/28/2025	1.16	1.20	1.29	1.34	1.15
5/29/2025	0	0	0	0	0
5/30/2025	0.65	0.48	0.78	0.52	0.79
5/31/2025	0.17	0.18	0.13	0.30	0.24
TOTAL	**6.87**	**7.13**	**6.94**	**7.79**	**7.73**

5.3 Wet Weather Overflows

The wet weather overflow data for this quarter is reported below in the Combined Sewer System Modeled and Metered Quarterly Results table located in Section 5.3 of the June 2025 Report.

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

Serving the Public • Protecting the Environment

Monthly Operations Report For
Combined Sewer System

Month: June 2025

Prepared By:
District of Columbia
Water and Sewer Authority
Department of
Pumping and Sewer Operations
Washington, D.C. 20003

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
Washington, D.C.

Monthly Operations Report for Combined Sewer System
Month: June 2025
Table of Contents

1. INTRODUCTION

The District of Columbia Water and Sewer Authority (DC Water) operates a wastewater collection system comprised of separate and combined sewers. Separate storm and sanitary sewers serve two-thirds of the District. In the combined sewer system (CSS), there is a single sewer to convey storm water and sanitary wastes. The area served by combined sewers comprises about one-third of the District.

During dry weather, sanitary wastes collected in the CSS are conveyed to the DC Water's advanced wastewater treatment plant at Blue Plains (BPAWWTP or the Blue Plains AWWTP). During periods of rainfall, the capacity of a combined sewer may be exceeded and the excess flow, which is a mixture of storm water and sanitary wastes, is discharged directly to the Anacostia River, Rock Creek or the Potomac River or their tributary waters. This report summarizes the operations of the combined sewer system for the month indicated.

2. OPERATION AND MAINTENANCE

2.1 Regulators

Regulators divert combined sewage to interceptors, which convey flow to BPAWWTP for treatment. When flows exceed the capacities of the systems such as during significant rain events, regulators divert excess flow to the tunnel system for temporary storage, and CSO outfalls which discharge to receiving waters. The following table summarizes inspections of CSO regulators in the collection system.

Table 2-1
Regulator Structures

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
2[1]	Bolling AFB, 2250 ft. north of the south line of the Base, SW	003	N/A				
4[1]	Bolling AFB, 2250 ft. north of the south line of the Base, SW	003	N/A				
5[1]	Poplar Point Pumping Station	004	N/A				
6	Chicago Street and Railroad Ave, SE	005	06/11/2025	*			
7	W Street and Railroad Ave, SE	005	06/11/2025	*			
8[1]	Good Hope Rd, west of Nichols Ave, SE	006	N/A				
9	13th Street and Ridge Place, SE (Diversion Structure)	007	06/11/2025	*			
9a	13th Street and Ridge Place, SE (Regulator Structure)	007	06/11/2025	*			
9b	11th Street Bridge and DC 295 SB (CSO-007 Diversion Chamber)	007	06/11/2025	*			
11	"O" Street Pumping Station	011(a)	06/11/2025	*			
12	Storm Pump Discharge at Main Pumping Station	011	06/06/2025	*			
13	2nd Street, 300 ft. north of N Place, SE	009	06/11/2025	*			
14	2nd Street, 250 ft. north of N Place, SE	011(a)	06/30/2025	*			
15	South Capitol and E Streets	010	06/30/2025	*			
15a	Half and L Streets, SE	010	06/25/2025	*			
15b	South Capitol and I Streets	010	06/05/2025	*			
15c	South Capitol and I Streets	010	06/05/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
16	North of Main Sewage Pumping Station	012	06/30/2025	*			
17	4th and N Streets, SE, Both Extended	013	06/05/2025	*			
17a	K Street between 6th Street and 7th Street, SE (Side Overflow Weir)	013	06/05/2025	*			
17b	4th and N Streets, SE, Both Extended (CSO-013 Diversion Chamber)	013	06/11/2025	*			
18	6th and M Streets, SE (Diversion and Overflow Structure)	014	06/05/2025	*			
18a	Tingey Street SE and 5 1 / 2 Street SE (CSO-014 Diversion Chamber)	014	06/05/2025	*			
19	9th and M Streets, SE	015	06/05/2025	*			
19a	9th and M Streets, SE	015	06/05/2025	*			
19b	9th and M Streets, SE (Diversion Chamber)	015	06/05/2025	*			
19c	9th and M Streets, SE (Diversion Chamber)	015	06/05/2025	*			
20	12th and M Streets, SE	016	06/05/2025	*			
20a	12th and M Streets, SE	016	06/05/2025	*			
20b	12th and M Streets, SE (CSO-016 Diversion Chamber)	016	06/05/2025	*			
21	14th and M Streets, SE	017	06/05/2025	*			
21a	14th and M Streets, SE (CSO-017 Diversion Chamber)	017	06/05/2025	*			
22a	Barney Circle and Pennsylvania Ave, SE	018	06/11/2025	*			
22b	Barney Circle and Pennsylvania Ave, SE	018	06/11/2025	*			
22c	Barney Circle and Pennsylvania Ave, SE	018	06/11/2025	*			
22d	Kentucky Ave and Potomac Street, SE	018	06/11/2025	*			
22e	14th Street and Kentucky Ave, SE	018	06/11/2025	*			
23	Independence Ave, 21st Street, SE, Extended	019	06/11/2025	*			
24a	East Capitol St, west of RFK stadium	019	06/11/2025	*			
28	21st and Constitution Ave, NW	020	06/04/2025	*			
29	22nd Street, between Constitution Ave and C St, NW	020	06/04/2025	*			
30	17th and D Streets, NW	020	06/04/2025	*			
31	15th Street and Pennsylvania Ave, NW	020	06/04/2025	*			
33	10th and F Streets, NW	020	06/04/2025	*			
34	23rd Street, north of Constitution Ave, NW	020	06/30/2025	*			
34a	23rd Street near C Street, NW	020	06/04/2025	*			
35	Northeast of Roosevelt Bridge, NW	021	06/30/2025	*			
35c	Kennedy Center Rock Creek and Potomac Pkwy Northeast of Roosevelt Bridge, NW	021	06/30/2025	*			
36	27th and I Streets, NW	022	06/04/2025	*			
36a	New Hampshire Ave and Eye Street, NW	022	06/04/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
36b	19th and L Streets, NW	022, 034	06/23/2025	*			
36d	17th and L Streets, NW	022, 034	06/23/2025	*			
36g	18th and M Streets, NW	022, 034	06/23/2025	*			
36h	18th and M Streets, NW	022, 034	06/23/2025	*			
37	27th and Eye Streets, NW	022	06/04/2025	*			
38	29th and K Streets, NW	024	06/04/2025	*			
38a	30th Street, south of K Street, NW	024	06/04/2025	*			
39a	30th and K Streets, NW	024	06/04/2025	*			
39b	30th and K Streets, NW	024	06/04/2025	*			
41b[1]	31st and K Streets, NW	025	N/A				
41c[1]	31st and K Streets, NW	025	N/A				
42[1]	Wisconsin Ave and K Street, NW	026	N/A				
43	Potomac and Water Streets, NW	027	06/04/2025	*			
43a	Potomac and Water Streets, NW	027	06/04/2025	*			
44	Water Street, west of Potomac St, NW	027	06/04/2025	*			
45	36th and M Streets, NW	028	06/23/2025	*			
46	Canal Rd, 1000ft. east of Foxhall Rd, NW	029	06/23/2025	*			
47	38th Street and Reservoir Road, NW	029	06/23/2025	*			
47a	37th and T Streets, NW	029	06/23/2025	*			
47b	37th and T Streets, NW	029	06/23/2025	*			
47c	38th and W Streets, NW	029	06/23/2025	*			
49[1]	Pennsylvania Ave, east side of Rock Creek, NW	031	N/A				
50	26 and M Streets, NW	032	06/30/2025	*			
51	N Street Extended, west of 25th Street, NW	033	06/30/2025	*			
52	22nd Street between M and N Streets, NW	034	06/30/2025	*			
52a	N Street between 22nd and 23rd Streets, NW	034	06/18/2025	*			
53	22nd and M Streets, NW	022, 034	06/18/2025	*			
53a	22nd and M Streets, NW	022, 034	06/18/2025	*			
53b	L Street between 21st Street and New Hampshire Ave, NW	022, 034	06/23/2025	*			
53c	L and 22nd Streets, NW	022	06/23/2025	*			
54	23rd and O Streets, NW	034	06/18/2025	*			
55	22nd Street, south of Q Street, NW	035	06/27/2025	*			
55a	22nd Street, south of Q Street, NW	035	06/27/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
56	23rd and Massachusetts Ave, NW	036	06/27/2025	*			
57	23rd Street, south of Q Street, NW	036	06/27/2025	*			
58[1]	Northwest of Belmont Road and Rock Creek and Potomac Parkway, NW	037	N/A				
59	North of Belmont Rd, east of Kalorama Cir, NW	038	06/27/2025	*			
60	Connecticut Ave, east of Rock Creek, NW	039	06/27/2025	*			
61	Biltmore St, Extended, east of Rock Creek, NW	040	06/27/2025	*			
62	Ontario Rd, Extended, and Rock Creek Pkwy, NW	041	06/24/2025	*			
63	Harvard Street and Rock Creek Parkway, NW	042	06/24/2025	*			
64	Adams Mill Road, south of Irving Street, NW	043	06/24/2025	*			
65	Kenyon Street and Adams Mill Road, NW	044	06/24/2025	*			
65a	Kenyon Street and Adams Mill Road, NW	044	06/26/2025	*			
66	Adams Mill Road and Lamont Street, NW	045	06/24/2025	*			
67	Park Rd , south of Piney Branch Pkwy, NW	046	06/24/2025	*			
68	Ingleside Terrance, Extended and Piney Branch Parkway, NW	047	06/24/2025	*			
69	Mt. Pleasant Street, Extended and Piney Branch Parkway, NW	048	06/24/2025	*			
70	Piney Branch Parkway, west of 16th Street, NW	049	06/24/2025	*			
70i	5th and Quackenbos Streets, NW	049	06/28/2025	*			
71	28th Street, west of Rock Creek Parkway, NW	050	06/24/2025	*			
72	Olive Street Extended and Rock Creek Pkwy, NW	051	06/27/2025	*			
72a	Olive Street Extended and Rock Creek Pkwy, NW	051	06/27/2025	*			
73	O Street Extended and Rock Creek Parkway, NW	052	06/27/2025	*			
74[1]	Q Street, west of Rock Creek, NW	053	N/A				
75	West side of Rock Creek, 300 ft. south of Massachusetts Ave, NW	054	06/27/2025	*			
77	Normanstone Dr Extended, west of Rock Creek, NW	056	06/27/2025	*			
77a	Normanstone Dr and Normanstone Lane, NW	056	06/27/2025	*			
78[1]	28th Street Extended, west of Rock Creek, NW	057	N/A				
79[1]	Connecticut Ave and Rock Creek Parkway, NW	058	N/A				
84	26th and P Streets, NW	060	06/27/2025	*			
84a	26th and P Streets, NW	060	06/27/2025	*			
86	Diversion Chamber and Vortex Drop at First and Channing St, NW (First St Tunnel)	019	06/09/2025	*			
88	Flagler and Adams St. NW (First St Tunnel)	019	06/09/2025	*			
89	First and V St, NW (First St Tunnel)	019	06/09/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
90	First and V St, NW (First St Tunnel)	019	06/09/2025	*			
91	First and V St, NW (First St Tunnel)	019	06/09/2025	*			
92	CSO 019 Diversion Near Eastside PS (Anacostia River Tunnel)	019	06/26/2025	*			
93	CSO 018 Diversion Near Barney Circle (Anacostia River Tunnel)	018	06/26/2025	*			
95	M Street Approach Channel M and Water St SE (Anacostia River Tunnel)	015, 016, 017	06/05/2025	*			
96	CSO 007 Shaft at 11th St Bridge and DC I-295 SB Diversion Facilities (Anacostia River Tunnel)	007	06/30/2025	*			
97	CSO 005 Diversion at Chicago St Trunk Sewer, I295 SB (Anacostia River Tunnel)	005	06/30/2025	*			
98	Main Pumping Station Diversions (Anacostia River Tunnel)	009 – 012	06/11/2025	*			
99	CSO 009 and 011a Diversion Facilities (Anacostia River Tunnel)	009, 011a	06/30/2025	*			
100	CSO 012 Diversion Facilities (Anacostia River Tunnel)	012	06/30/2025	*			
101	Main Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	N/A	06/30/2025	*			
102	Anacostia Main Interceptor Diversion Chamber	N/A	06/30/2025	*			
103	Poplar Point PS Emergency Overflow Chamber (Anacostia River Tunnel)	N/A	06/30/2025	*			
104	Poplar Point PS Discharge Chamber	N/A	06/30/2025	*			
105	Potomac Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	003A	06/30/2025	*			
106	R Street Diversion Chamber (RS-DC) and R Street Drop Shaft (RS-DS)	019	06/09/2025	*			
107	Florida Avenue Diversion Chamber (FLA-DC), Florida Avenue Drop Shaft (FLA-DS)	019	06/09/2025	*			
108	T Street Junction Chamber (TS-JC), T Street Drop Shaft (TS-DS)	019	06/09/2025	*			
109	4th Street NE Diversion Chamber (4S-DC), 4th Street Drop Shaft (4S-DS)	019	06/09/2025	*			
110	Rhode Island Avenue Diversion Chamber (RIA-DC), Rhode Island Avenue Drop Shaft (RIA-DS)	019	06/09/2025	*			
111a	Mount Olivet Road Junction Chamber (MOR-JC)	019	06/09/2025	*			
111b	Mount Olivet Road Diversion Chamber (MOR-DC)	019	06/09/2025	*			
111c	Mount Olivet Road Drop Shaft (MOR-DS)	019	06/09/2025	*			

Notes:

1. Noted structures no longer function as a combined sewer overflow regulator structure.

2.2 Outfalls, Tide Gates and CSO Signs

The following table summarizes inspections, maintenance and work performed on outfall structures, tide gates and CSO signs in the collection system.

Table 2-2
Outfalls and Tide Gates

NPDES Outfall	*Location*	*Date Inspected*	*Outfall Condition*		*Tide Gate Present?*		*Tide Gate Condition*		*CSO Sign*		*Notes, Work Needed or Performed*
			OK	Needs Work	Yes	No	OK	Needs Work	OK	Needs Work	
003[1]	Bolling Air Force Base, at Giavanolli and Chanute, SW	N/A									
003a	Joint Base Anacostia Bolling Macdill and Arnold Ave SW	06/30/2025	*		*		*		*		
005	Across from Navy Yard, aligned with Parsons Ave., SE	06/06/2025	*		*		*		*		
006[1]	Good Hope Road and Welsh Memorial Bridge	N/A									
007	Between 11th St. and Anacostia Bridges, SE	06/06/2025	*		*		*		*		
009	O St. Sewage Pumping Station, SE	06/06/2025	*		*		*		*		
010	O St. Sewage Pumping Station, SE	06/06/2025	*			*			*		
011	Main Sewage Pumping Station, SE	06/06/2025	*			*			*		
011a	Main Sewage Pumping Station, SE	06/06/2025	*		*		*		*		
012	Main Sewage Pumping Station, SE	06/06/2025	*		*		*		*		
013	Southeast Federal Center, aligned with 4th St.	06/06/2025	*		*		*		*		
014	Navy Yard, aligned with 6th St., SE	06/06/2025	*		*		*		*		
015	Navy Yard, aligned with 9th Street, SE	06/06/2025	*			*			*		
016	12th and O Streets, SE	06/06/2025	*		*		*		*		
017	M and Water Street, SE	06/06/2025	*		*		*		*		
018	East of Barney Circle & South of Pennsylvania Avenue Bridge, SE	06/06/2025	*		*		*		*		
019	Adjacent to Service Drive behind swirl facility & D.C. General Hospital	06/20/2025	*		*		*		*		
019a	Adjacent to Service Drive behind swirl facility & D.C. General Hospital (Tunnel Overflow Structure)	06/26/2025	*		*		*		*		
020	Rock Creek Parkway and Independence, NW	06/20/2025	*		*		*		*		
021	Rock Creek Parkway and C St., NW	06/20/2025	*		*		*		*		
022	Rock Creek Parkway and G St., NW	06/20/2025	*		*		*		*		
024	South of 30th and K Streets, NW[1]	06/20/2025	*		*		*		*		
025[1]	South of 31st and K Streets, NW	N/A									
026[1]	Wisconsin Avenue and Water Street, NW	N/A									
027	33rd and Water Sts., NW	06/20/2025	*			*			*		
028	Key Bridge and Whitehurst Freeway, NW	06/06/2025	*			*			*		
029	Adjacent to C&O Canal, aligned with 38th St. NW	06/06/2025	*			*			*		

NPDES Outfall	Location	Date Inspected	Outfall Condition		Tide Gate Present?		Tide Gate Condition		CSO Sign		Notes, Work Needed or Performed
			OK	Needs Work	Yes	No	OK	Needs Work	OK	Needs Work	
031[1]	Rock Creek Pkwy & Pennsylvania Avenue, NW	N/A									
032	26th and M Street, NW	06/30/2025	*			*			*		
033	Across street from St. Francis Jr. High and aligned with N St., NW.	06/30/2025	*		*		*		*		
034	Just west of St. Francis Jr. High and north of N St., NW	06/18/2025	*			*			*		
035	P St. Bridge and Rock Creek Parkway	06/18/2025	*			*			*		
036	22nd Street, South of Q Street NW.	06/24/2025	*		*		*		*		
037[1]	Waterside Dr. and Rock Creek Parkway	N/A									
038	Between arch footbridge and Connecticut Ave., north of Kalorama Circle, NW.	06/27/2025	*		*		*		*		
039	Connecticut Avenue Bridge and Rock Creek Parkway, NW.	06/27/2025	*		*		*		*		
040	Aligned with Biltmore Rd., between Connecticut Ave and Ellington Bridge.	06/27/2025	*		*		*		*		
041	Beach Dr. and Ontario Pl., NW	06/20/2025	*		*		*		*		
042	Harvard St. and Beach Dr NW.	06/20/2025	*		*		*		*		
043	Upstream of Harvard St. and Beach Dr NW.	06/20/2025	*		*		*		*		
044	Kenyon Street and Beach Dr., NW.	06/20/2025	*		*		*		*		
045	North of Beach Dr. and Walbridge Pl, NW.	06/20/2025	*		*		*		*		
046	Piney Branch Parkway and Park Road, NW.	06/24/2025	*			*			*		
047	Piney Branch Parkway and Ingleside Terrace	06/24/2025	*		*		*		*		
048	South of Piney Branch Parkway and 17th St.	06/24/2025	*		*		*		*		
049	North of Piney Branch Parkway and 17th St.	06/24/2025	*		*		*		*		
050	Rock Creek Parkway and L St., NW	06/24/2025	*		*		*		*		
051	Across Rock Creek Pkwy, aligned with Olive St., NW.	06/27/2025	*		*		*		*		
052	Between P & Penna. Ave Bridges, aligned with O Street, NW.	06/30/2025	*		*		*		*		
053[1]	Q St. Bridge and Rock Creek Parkway, NW.	N/A									
054	Massachusetts Ave & Rock Creek Parkway, NW.	06/27/2025	*		*		*		*		
056	Normanstone Dr. and Rock Creek Parkway, NW.	06/27/2025	*		*		*		*		
057[1]	28th Street and Rock Creek Parkway, NW	N/A									
058[1]	Connecticut Ave & Rock Creek Parkway, NW.	N/A									
060	North of P St. Bridge & Rock Creek Pkwy, NW	06/24/2025	*		*		*		*		

Notes:

1. Outfall no longer functions as a combined sewer outfall.

2.3 Pumping Stations

Pumping station operations are summarized in the table below.

Table 2-3
Pumping Stations – Inspections and Equipment in Service

Pumping Station	*No. of Inspections*	*No. Screens*	*No. Pumps*	*Screens or Pumps Out of Service*	*Dates*	*Reason*	*Work Order Number*	*Schedule to Restore to Service*
Main	30	3	4	Pump 3	6/1/2025-6/30/2025	Pump taken out of service for planned repairs	25-226406	Anticipated return to service 7/31/25
O Street	30	2	4	None	-	-	-	-
East Side	1	2	4	Pump 4[1]	6/1/2025-6/30/2025	Motor overload	25-399016	Anticipated return to service 12/31/25
Poplar Point	1	2	4	None	-	-	-	-
Potomac	30	4	5	Pump 4[2]	6/1/2025-6/30/2025	Motor needed repair	24-609732	Anticipated return to service 10/31/25

Notes:

1. Motor and pump were damaged beyond repair, vendor supplying new pump
2. Manufacturer parts aren't readily available, so we continue to wait for replacement parts to be built and delivered. Upgrade CIP project underway to replace with new equipment.

Table 2-4
Pumping Stations – Preventive Maintenance

Pumping Station	*Date Performed*	*Type of Preventive Maintenance Performed*[1]	*Work Order Number*	*Comments*
Main	6/18/25	Group A	25-494304	Add oil, grease bearings and replace packing if needed.
O St	6/18/25	Group A	25-509795	Add oil, grease bearings and replace packing if needed.
Eastside	6/30/25	Group A	25-507889	Add oil, grease bearings and replace packing if needed.
Poplar Point	6/30/25	Group A	25-497934	Add oil, grease bearings and replace packing if needed.
Potomac	6/3/25	Group A	25-510625	Add oil, grease bearings and replace packing if needed.
Rock Creek	6/30/25	Group A	25-474782	Add oil, grease bearings and replace packing if needed.
Upper Anacostia	6/27/25	Group A	25-497976	Add oil, grease bearings and replace packing if needed.
Earl Place	6/27/25	Group A	25-470487	Add oil, grease bearings and replace packing if needed.

Notes:
1. Group A consists of:
    a. Exercise bar screens
    b. Exercise all sump pumps
    c. Drain condensation from air compressor storage tank
    d. Check depth of screening in the screen room and schedule Vactor truck as required
    e. Check all safety equipment
    f. Issue work order requests as required

Table 2-5
Pumping Stations – Pumpage

	Sanitary Pumpage		*Screenings Collected (tons)*[1]
Pumping Station	*Total Wastewater (mg)*	*Daily Average Wastewater (mg)*	
Main[1,2,3]	801.59*	26.72*	N/A
O St[1,2]	159.04	5.30	N/A
Eastside	139.70	4.66	N/A
Poplar Point	351.51	11.717	N/A
Potomac	3787.026	126.23	N/A
Rock Creek[4]	30.09**	1.0031**	N/A
Upper Anacostia	35.5906	1.1864	N/A
Earl Place	0.1203	0.00401	N/A

Notes:

1. Screenings collected from the Main and O Street Pumping Stations are combined from the sanitary flow and combined sewer overflows, due to the design of the screening system that consists of vertical trash racks, with no mechanical cleaning. Therefore, quantification of captured screening materials, specifically from combined sewer overflows, is not feasible.
2. Flow meters have been installed in accordance with NPDES Permit No. DC002199 to record CSO discharges from Main and O Street Pumping Stations. This data is reported via Discharge Monitoring Reports submitted to the EPA on a monthly basis. A summary of metered and modeled CSO discharges is included in Section 5.
3. In November 2024, instrumentation began work to replace and test the sensor for M1. Water damage has been the issue and was resolved in January 2025 by completing the work of cutting out the blocked drain, installing a sump pit and sump pump, as well as clearing the drain. Sensor replacements will occur again now that the water issue has been addressed. See WO# 25-82846 *Values above are directly from SCADA software.
4. In April 2025, instrumentation began work to replace the flow meter on Pump #2 at Rock Creek PS. Replacement will occur once the flow meter supplier is able to send out new equipment. See WO# 25-385565 **Values above are estimated using pump speed

2.4 Inflatable Dams and SCADA System

DC Water operates and maintains nine inflatable dams at seven different locations. Table 2-6 summarizes the date(s) the inflatable dams were inspected, and their operational status and condition. The inflatable dams consist of multi-ply elastomeric (i.e., "rubber") fabric dams installed in major overflow conduits within the combined sewer system. The objective of the inflatable dam installation is to increase the effective depth to which the sewage must rise in the combined sewer before overflows occur. The effect of the installation is to retain a greater volume of combined sewage flow resulting from low to moderate intensity storms by maximizing storage within the CSS. During higher intensity storms, when the full carrying capacity of the overflow conduit is required to prevent upstream flooding, the dam is deflated automatically. Inflatable dam operations are summarized below:

Table 2-6
Inflatable Dams – Inspections and Equipment in Service

Inflatable Dam Structure No	*Date Inspected*	*Was Dam Out of Service During the Month?*	*Dates out of Service*	*Reason*	*Schedule to Restore to Service*
14 - East	6/30/25	**No**	**N/A**	**N/A**	**N/A**
14 - West	6/30/25	**No**	**N/A**	**N/A**	**N/A**
15	6/25/25	**No**	**N/A**	**N/A**	**N/A**
15A	6/25/25	**No**	**N/A**	**N/A**	**N/A**
16 – East	6/30/25	**No**	**N/A**	**N/A**	**N/A**
16 – West	6/30/25	**No**	**N/A**	**N/A**	**N/A**
34	6/30/25	**No**	**N/A**	**N/A**	**N/A**
35	6/30/25	**No**	**N/A**	**N/A**	**N/A**
52	6/30/25	**No**	**N/A**	**N/A**	**N/A**

Notes:

Table 2-7
Inflatable Dams & SCADA Sites – Wet Weather Operations

Inflatable Dam Structure No.	*Overflow Dates*	*Estimated Duration of Overflow*	*Inflatable Dam Operational Status*
14 (E & W)	*None*	*N/A*	*Inflated*
15	*None*	*N/A*	*Inflated*
15A	*None*	*N/A*	*Inflated*
16 (E & W)	*None*	*N/A*	*Inflated*
34	*None*	*N/A*	*Inflated*
35	*6/18/25*	*21mins*	*Deflated*
52	*None*	*N/A*	*Inflated*
Structures on Outfall Sewers	*Overflow Dates*	*Estimated Duration of Overflow*	
Outfall Structure 1	None	This structure has been bulk headed. Overflows are no longer possible.	
Outfall Structure 1A	None	This structure has been bulk headed. Overflows are no longer possible.	
Outfall Structure 2	None	N/A	*N/A*
Outfall Sewer Control Gates	*Operational Status*	*Position*	
Outfall Sewer Control Gate No.1	Operational	Open	
Outfall Sewer Control Gate No.2	Operational	This structure has been bulk headed. Overflows are no longer possible	
Outfall Sewer Control Gate No.2	Operational	This structure has been bulk headed. Overflows are no longer possible	

Notes:

3. DRY WEATHER OVERFLOWS

There was no dry weather combined sewer overflow reported during June 2025.

4. SOLIDS AND FLOATABLES CONTROL

4.1 Catch Basin Cleaning

The following tables summarize catch basin cleaning in the Anacostia CSO area and in the entire sewer system:

Table 4-1
Catch Basin Cleaning

			Inspections			*Cleaning*					
						CBs Cleaned Thru Last Month		*CB's Cleaned This Month*		*Total CBs Cleaned This Year to Date*	
Ward	*Total CBs*	*CBs in CSS*	*CBs in Anacostia CSS*	*Total Anacostia CBs Inspected Once this Year*	*Total Anacostia CBs Inspected Twice this Year*	Total	In CSS	Total	In CSS	Total	In CSS
1	1467	1442	661	363	15	57	57	23	8	80	65
2	2849	2650	490	87	6	86	81	114	10	200	91
3	3724	184	0	0	0	1907	0	1479	0	3386	0
4	3554	1769	0	0	0	1456	66	340	3	1796	69
5	4076	1750	1686	75	7	1866	46	511	41	2377	87
6	3411	2750	2737	887	40	90	79	594	17	684	96
7	3914	43	43	15	0	3588	0	224	0	3812	0
8	2938	214	214	6	0	1745	6	132	0	1877	6
Grand Total	**25935**[1]	**10804**[1]	**5831**[1]	**1433**	**68**	**10795**	**335**	**3417**	**79**	**14212**	**414**
% Cleaned/Inspected to Date				**25%**	**1%**					**55%**	**4%**

Notes:

1. The number of catch basins in our service area changes with the ongoing connections and abandonments to the sewer infrastructure.

4.2 BMP Demonstration for Solid and Floatable Control

DC WATER operates the following demonstration projects designed to remove solids and floatables from CSO prior to discharge.

- Bar Rack at CSO 040 and 041 to Rock Creek

Table 4-2
BMP Demonstration Projects – Report

Facility	*Date Inspected*	*Condition*	*Work Needed*	*Work performed*	*Material Removed (LB)*
Bar Rack CSO 040	06/27/2025	Good	None	Routine Cleaning	(1)
Bar Rack CSO 041	06/20/2025	Good	None	Routine Cleaning	(1)

Notes:
(1) System was designed so that captured solids and floatables are conveyed to Blue Plains for treatment.

4.3 Anacostia River Floating Debris Removal Program

This program was initiated in October 1992 to remove floating debris from Anacostia and Potomac Rivers on a routine basis. The program has continued from that time and is now under the auspices of DC WATER, Department of Sewer Operations. The floating debris removal program utilizes a skimmer boat and support boats to remove floatable debris from the Rivers as well as trash, which accumulates on the riverbanks and in the mud flats at low tides. Work for the most part is directed toward the Anacostia River. The boats pick up debris five days a week. Operations are summarized as follows:

Table 4-3
Anacostia River Floating Debris Removal Program – Summary

Program Operation	5-day work week, excluding holidays, weather permitting
Work Days this month:	20
Days not Operating	13
Reason not Operating	Maintenance, wind, low water levels.
# Skimmer in Fleet	3 Skimmers
# Skimmers Out of Service	3 Skimmers
Dates	B33: Jun 1 - Jun 30. B34: Jun 1- Jun 30. B37: 6/4 - 6/23.
Reason	B33: Hydraulic cylinder failure/air-conditioning not operating. B34: Hydraulic cylinder failure/air-conditioning not operating. B37: Hydraulic cylinder failure.
Plan to Restore to Service	B33/B34: troubleshooting in progress ETR July 2025. B37: Returned to operation on June 24.
Amount Material Collected	10 tons this month. Calendar year to date 25 tons.
Nature of Material	Bottles, cans. natural debris, and plastics.

4.4 CSS Litter Control

This section describes DC WATER's efforts to coordinate litter control efforts with the National Park Service and D.C. Department of Public Works to maximize litter control efforts in the combined sewer system.

No Activity this month.

5. MONITORING

5.1 Condition Report Bar Racks at Main and O Street Storm Pumps

DC Water performs visual surveys of the bar racks at Main and O Street Pumping Stations to characterize the quantity and nature of floatable discharge. The physical condition of the bar racks and any maintenance requirements are also noted.

Table 5-1
Bar Racks at Main & O Street Pumping Stations

Pumping Station	Date Inspected	Condition		Work Order Number	Work Needed	Work Performed or Schedule for Completion
		Good	Needs Work			
Bar Racks at O Street Storm Pumps (CSO 010)	6/18/25	X		25-527901		
Bar Racks at Main Storm Pumps (CSO 011)	6/18/25	X		25-527894		

5.2 Rain Data

Rain data from National Airport and from the rain gauges installed in the CSS are summarized below.

Date	Brentwood Pumping Station	Bryant Street Pumping Station	Main Pumping Station	Rock Creek Pumping Station	National Airport
6/1/2025	0	0	0	0	0
6/2/2025	0	0	0	0	0
6/3/2025	0	0	0	0	0
6/4/2025	0	0	0	0	0
6/5/2025	0	0	0	0	0
6/6/2025	0	0	0	0	0
6/7/2025	0.07	0.01	0.03	0.03	0.23
6/8/2025	0.03	0.06	0.06	0.07	0.06
6/9/2025	0	0	0	0	0.01
6/10/2025	0	0.02	0.01	0.02	0
6/11/2025	0	0	0	0	0
6/12/2025	0	0	0	0	0
6/13/2025	0.32	0.23	0.87	1.04	0.54
6/14/2025	0	0.01	0	0.09	0
6/15/2025	0.30	0.45	0.31	0.60	0.33
6/16/2025	1.00	0.63	0.72	0.65	1.13
6/17/2025	0.05	0.03	0.04	0.04	0.03
6/18/2025	1.23	1.16	1.20	1.04	1.77
6/19/2025	0.51	0.37	0.52	0.43	0.60
6/20/2025	0	0	0	0	0
6/21/2025	0	0	0	0	0
6/22/2025	0	0	0	0	0
6/23/2025	0	0	0	0	0
6/24/2025	0	0	0	0	0
6/25/2025	0.01	0	0	0	0
6/26/2025	0.20	0.13	0.11	0.20	0.63
6/27/2025	0.24	0.17	0.20	0.17	0.15
6/28/2025	0	0.01	0	0	0
6/29/2025	0	0	0	0	0
6/30/2025	0	0	0	0	0
TOTAL	**3.96**	**3.28**	**4.07**	**4.38**	**5.48**

5.3 Wet Weather Overflows

The wet weather overflow data for this quarter is reported below in the Combined Sewer System Modeled and Metered Quarterly Results table located in Section 5.3 of the June 2025 Report.

District of Columbia Water and Sewer Authority

Combined Sewer System Model Results
Period: Q2 2025 (April - June)
SCENARIO: QuarterlyReport_2025Q2, produced on 8 July 2025

NPDES No.	Description	Data Source	Number of Overflows (Occurrences)	CSO Overflow Volume (mg)	Total Duration of Overflow (hrs)	Avg Duration of Overflow (hrs)	Maximum Duration of Overflow (hrs)	Minimum Duration of Overflow (hrs)
Anacostia CSOs								
005	Chicago St and Railroad Station SE	Modeled	0	0.00	0.00	0.00	0.00	0.00
006	Good Hope Road, West of Nichols Ave.,SE	separated						
007	13th Street and Ridge Place,SE	Metered	0	0.00	0.00	0.00	0.00	0.00
009	2nd Street, 300 feet North of N Place, SE	Metered	0	0.00	0.00	0.00	0.00	0.00
010	O Street SewagePumping Station, SE (pumped Overflow)	Metered	0	0.00	0.00	0.00	0.00	0.00
011	South of Main Sewage Pumping Station, SE (pumped overflow)	Metered	0	0.00	0.00	0.00	0.00	0.00
011a	South of Main SewagePumping Station, SE (gravity overflow)	Metered	0	0.00	0.00	0.00	0.00	0.00
012	North of Main SewagePumping Station, SE (Tiber Creek)	Metered	0	0.00	0.00	0.00	0.00	0.00
013	4th and N Streets, SE	Modeled	0	0.00	0.00	0.00	0.00	0.00
014	6th and M Streets, SE	Modeled	0	0.00	0.00	0.00	0.00	0.00
015	9th and M Streets, SE	consolidated to tunnel system						
016	12th and M Streets, SE	consolidated to tunnel system						
017	14th and M Streets, SE	consolidated to tunnel system						
018	Barney Circle andPennsylvania Ave, SE	consolidated to tunnel system						
019	Northeast Boundary	Metered	0	0.00	0.00	0.00	0.00	0.00
019A	Northeast Boundary - Tunnel OF	Metered	0	0.00	0.00	0.00	0.00	0.00
	SUBTOTAL			**0.00**				
Potomac CSOs								
003A	JBAB Tunnel OF	Metered	0	0.00	0.00	0.00	0.00	0.00
020	23rd Street, North ofConstitution Ave, NW (Easby Point)	Modeled	13	13.03	24.00	1.85	4.25	0.25
021	Northeast ofRoosevelt Bridge, NW	Modeled	15	111.99	28.75	1.92	4.50	0.25
022	27th and K Streets, NW	Modeled	18	1.58	56.75	3.15	12.00	0.25
024	30th and K Streets, NW	Modeled	20	4.64	140.50	7.03	42.75	0.25
025	31st & K St NW	separated						
026	Wisconsin Avenue andK St., NW	separated						
027	Water Street West ofStreet, NW	Modeled	17	6.88	80.75	4.75	20.25	0.75
028	36th and M Streets, NW	Modeled	20	4.30	138.75	6.94	21.25	0.50
029	Canal Road 1000 feet east of Rock Creek,NW	Modeled	18	6.65	81.75	4.54	20.50	0.75
	SUBTOTAL			**149.07**				
Rock Creek								
031	Pennsylvania Avenue, East Rock Creek, NW	separated						
032	26th and M Streets, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
033	N Street extendedwest of 25th Street,NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
034	23rd and O Streets, SW	Modeled	0	0.00	0.00	0.00	0.00	0.00
035	22nd Street south of Q Street, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
036	22nd Street South of Q Street, NW	Modeled	16	0.32	36.00	2.25	11.25	0.50
037	Northwest of Belmontand Rock Creek and Potomac Parkway	separated						
038	North of Belmont Road,east of Kalorama Circle, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
039	Connecticut Avenue east of Rock Creek, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
040	Biltmore Street extended east of RockCreek, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
041	Ontario extended and Rock Creek Parkway	Modeled	0	0.00	0.00	0.00	0.00	0.00
042	Harvard Street and RockCreek Parkway, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
043	Adams Mill Road South of Irving Street, NW	Modeled	1	0.002	0.25	0.25	0.25	0.25
044	Kenyon Street and Adams Mill Road, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
045	Adams Mill Road and Lamont Street, NW	Modeled	1	0.009	0.25	0.25	0.25	0.25
046	Park Road south of Piney Branch Parkway, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
047	Ingleside Terrace extended and Piney Branch Parkway	Modeled	0	0.00	0.00	0.00	0.00	0.00
048	Mt. Pleasant Street extended and Piney Branch Parkway	Modeled	1	0.006	0.25	0.25	0.25	0.25
049	Piney Branch and LamontStreet, NW	Modeled	3	1.61	1.75	0.58	0.75	0.50
050	28th Street west of 16th Street, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
051	Olive Street extended and Rock Creek Parkway, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
052	O Street extended and Rock Creek Parkway, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
053	O Street west of Rock Creek Parkway, NW	separated						
054	West Side of Rock Creek300 ft. south of Mass. Ave, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
056	Normanstone Drive extended west of Rock Creek, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
057	28th Street extended west of Rock Creek, NW	separated						
058	Connecticut Avenue and Rock Creek Parkway, NW	separated						
060	P St and 26th St, NW	Modeled	0	0.00	0.00	0.00	0.00	0.00
	SUBTOTAL			**1.95**				
	TOTAL			**151.02**				

District of Columbia Water and Sewer Authority

Combined Sewer System Model Results
Period: Q2 2025 (April - June)
SCENARIO: QuarterlyReport_2025Q2, produced on 8 July 2025

NPDES No.	Description	Data Source	Number of Overflows (Occurrences)	CSO Overflow Volume (mg)	Total Duration of Overflow (hrs)	Avg Duration of Overflow (hrs)	Maximum Duration of Overflow (hrs)	Minimum Duration of Overflow (hrs)

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