QUARTERLY OPERATIONS REPORT

DISTRICT OF COLUMBIA

COMBINED SEWER OVERFLOW FACILITIES

FIRST QUARTER, 2025

Prepared By:

D.C. Water and Sewer Authority
Department of Pumping and Sewer Operations
3101 Ames Place, NE
Washington, D.C. 20032

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

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Monthly Operations Report For
Combined Sewer System

Month: January 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: January 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	01/13/2025	*			
7	W Street and Railroad Ave, SE	005	01/13/2025	*			
8[1]	Good Hope Rd, west of Nichols Ave, SE	006	N/A				
9	13th Street and Ridge Place, SE (Diversion Structure)	007	01/13/2025	*			
9a	13th Street and Ridge Place, SE (Regulator Structure)	007	01/13/2025	*			
9b	11th Street Bridge and DC 295 SB (CSO-007 Diversion Chamber)	007	01/24/2025	*			
11	"O" Street Pumping Station	011(a)	01/21/2025	*			
12	Storm Pump Discharge at Main Pumping Station	011	01/22/2025	*			
13	2nd Street, 300 ft. north of N Place, SE	009	01/21/2025	*			
14	2nd Street, 250 ft. north of N Place, SE	011(a)	01/29/2025	*			
15	South Capitol and E Streets	010	01/29/2025	*			
15a	Half and L Streets, SE	010	01/29/2025	*			
15b	South Capitol and I Streets	010	01/13/2025	*			
15c	South Capitol and I Streets	010	01/13/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
16	North of Main Sewage Pumping Station	012	01/29/2025	*			
17	4th and N Streets, SE, Both Extended	013	01/13/2025	*			
17a	K Street between 6th Street and 7th Street, SE (Side Overflow Weir)	013	01/21/2025	*			
17b	4th and N Streets, SE, Both Extended (CSO-013 Diversion Chamber)	013	01/13/2025	*			
18	6th and M Streets, SE (Diversion and Overflow Structure)	014	01/13/2025	*			
18a	Tingey Street SE and 5 1 / 2 Street SE (CSO-014 Diversion Chamber)	014	01/13/2025	*			
19	9th and M Streets, SE	015	01/13/2025	*			
19a	9th and M Streets, SE	015	01/13/2025	*			
19b	9th and M Streets, SE (Diversion Chamber)	015	01/13/2025	*			
19c	9th and M Streets, SE (Diversion Chamber)	015	01/13/2025	*			
20	12th and M Streets, SE	016	01/13/2025	*			
20a	12th and M Streets, SE	016	01/13/2025	*			
20b	12th and M Streets, SE (CSO-016 Diversion Chamber)	016	01/13/2025	*			
21	14th and M Streets, SE	017	01/13/2025	*			
21a	14th and M Streets, SE (CSO-017 Diversion Chamber)	017	01/13/2025	*			
22a	Barney Circle and Pennsylvania Ave, SE	018	01/21/2025	*			
22b	Barney Circle and Pennsylvania Ave, SE	018	01/21/2025	*			
22c	Barney Circle and Pennsylvania Ave, SE	018	01/21/2025	*			
22d	Kentucky Ave and Potomac Street, SE	018	01/21/2025	*			
22e	14th Street and Kentucky Ave, SE	018	01/21/2025	*			
23	Independence Ave, 21st Street, SE, Extended	019	01/21/2025	*			
24a	East Capitol St, west of RFK stadium	019	01/21/2025	*			
28	21st and Constitution Ave, NW	020	01/15/2025	*			
29	22nd Street, between Constitution Ave and C St, NW	020	01/07/2024	*			
30	17th and D Streets, NW	020	01/08/2025	*			
31	15th Street and Pennsylvania Ave, NW	020	01/08/2025	*			
33	10th and F Streets, NW	020	01/08/2025	*			
34	23rd Street, north of Constitution Ave, NW	020	01/29/2025	*			
34a	23rd Street near C Street, NW	020	01/08/2025	*			
35	Northeast of Roosevelt Bridge, NW	021	01/29/2025	*			
35c	Kennedy Center Rock Creek and Potomac Pkwy Northeast of Roosevelt Bridge, NW	021	01/27/2025	*			
36	27th and I Streets, NW	022	01/08/2025	*			
36a	New Hampshire Ave and Eye Street, NW	022	01/08/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
36b	19th and L Streets, NW	022, 034	01/15/2025	*			
36d	17th and L Streets, NW	022, 034	01/08/2025	*			
36g	18th and M Streets, NW	022, 034	01/08/2025	*			
36h	18th and M Streets, NW	022, 034	01/08/2025	*			
37	27th and Eye Streets, NW	022	01/08/2025	*			
38	29th and K Streets, NW	024	01/08/2025	*			
38a	30th Street, south of K Street, NW	024	01/08/2025	*			
39a	30th and K Streets, NW	024	01/08/2025	*			
39b	30th and K Streets, NW	024	01/08/2025	*			
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	01/08/2025	*			
43a	Potomac and Water Streets, NW	027	01/08/2025	*			
44	Water Street, west of Potomac St, NW	027	01/08/2025	*			
45	36th and M Streets, NW	028	01/14/2025	*			
46	Canal Rd, 1000ft. east of Foxhall Rd, NW	029	01/14/2025	*			
47	38th Street and Reservoir Road, NW	029	01/14/2025	*			
47a	37th and T Streets, NW	029	01/14/2025	*			
47b	37th and T Streets, NW	029	01/14/2025	*			
47c	38th and W Streets, NW	029	01/14/2025	*			
49[1]	Pennsylvania Ave, east side of Rock Creek, NW	031	N/A				
50	26 and M Streets, NW	032	01/24/2025	*			
51	N Street Extended, west of 25th Street, NW	033	01/24/2025	*			
52	22nd Street between M and N Streets, NW	034	01/29/2025	*			
52a	N Street between 22nd and 23rd Streets, NW	034	01/24/2025	*			
53	22nd and M Streets, NW	022, 034	01/24/2025	*			
53a	22nd and M Streets, NW	022, 034	01/24/2025	*			
53b	L Street between 21st Street and New Hampshire Ave, NW	022, 034	01/08/2025	*			
53c	L and 22nd Streets, NW	022	01/08/2025	*			
54	23rd and O Streets, NW	034	01/15/2024	*			
55	22nd Street, south of Q Street, NW	035	01/15/2025	*			
55a	22nd Street, south of Q Street, NW	035	01/15/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
56	23rd and Massachusetts Ave, NW	036	01/15/2025	*			
57	23rd Street, south of Q Street, NW	036	01/15/2025	*			
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	01/14/2025	*			
60	Connecticut Ave, east of Rock Creek, NW	039	01/14/2025	*			
61	Biltmore St, Extended, east of Rock Creek, NW	040	01/16/2025	*			
62	Ontario Rd, Extended, and Rock Creek Pkwy, NW	041	01/16/2025	*			
63	Harvard Street and Rock Creek Parkway, NW	042	01/16/2025	*			
64	Adams Mill Road, south of Irving Street, NW	043	01/16/2025	*			
65	Kenyon Street and Adams Mill Road, NW	044	01/16/2025	*			
65a	Kenyon Street and Adams Mill Road, NW	044	01/16/2025	*			
66	Adams Mill Road and Lamont Street, NW	045	01/16/2025	*			
67	Park Rd , south of Piney Branch Pkwy, NW	046	01/16/2025	*			
68	Ingleside Terrance, Extended and Piney Branch Parkway, NW	047	01/16/2025	*			
69	Mt. Pleasant Street, Extended and Piney Branch Parkway, NW	048	01/16/2025	*			
70	Piney Branch Parkway, west of 16th Street, NW	049	01/16/2025	*			
70i	5th and Quackenbos Streets, NW	049	01/14/2025	*			
71	28th Street, west of Rock Creek Parkway, NW	050	01/14/2025	*			
72	Olive Street Extended and Rock Creek Pkwy, NW	051	01/15/2025	*			
72a	Olive Street Extended and Rock Creek Pkwy, NW	051	01/15/2025	*			
73	O Street Extended and Rock Creek Parkway, NW	052	01/15/2025	*			
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	01/16/2025	*			
77	Normanstone Dr Extended, west of Rock Creek, NW	056	01/16/2025	*			
77a	Normanstone Dr and Normanstone Lane, NW	056	01/16/2025	*			
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	01/15/2025	*			
84a	26th and P Streets, NW	060	01/15/2025	*			
86	Diversion Chamber and Vortex Drop at First and Channing St, NW (First St Tunnel)	019	01/28/2025	*			
88	Flagler and Adams St. NW (First St Tunnel)	019	01/28/2025	*			
89	First and V St, NW (First St Tunnel)	019	01/28/2025	*			

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	01/28/2025	*			
91	First and V St, NW (First St Tunnel)	019	01/08/2024	*			
92	CSO 019 Diversion Near Eastside PS (Anacostia River Tunnel)	019	01/27/2025	*			
93	CSO 018 Diversion Near Barney Circle (Anacostia River Tunnel)	018	01/27/2025	*			
95	M Street Approach Channel M and Water St SE (Anacostia River Tunnel)	015, 016, 017	01/13/2025	*			
96	CSO 007 Shaft at 11th St Bridge and DC I-295 SB Diversion Facilities (Anacostia River Tunnel)	007	01/24/2025	*			
97	CSO 005 Diversion at Chicago St Trunk Sewer, I295 SB (Anacostia River Tunnel)	005	01/24/2025	*			
98	Main Pumping Station Diversions (Anacostia River Tunnel)	009 – 012	01/27/2025	*			
99	CSO 009 and 011a Diversion Facilities (Anacostia River Tunnel)	009, 011a	01/29/2025	*			
100	CSO 012 Diversion Facilities (Anacostia River Tunnel)	012	01/29/2025	*			
101	Main Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	N/A	01/21/2025	*			
102	Anacostia Main Interceptor Diversion Chamber	N/A	01/21/2025	*			
103	Poplar Point PS Emergency Overflow Chamber (Anacostia River Tunnel)	N/A	01/21/2025	*			
104	Poplar Point PS Discharge Chamber	N/A	01/21/2025	*			
105	Potomac Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	003A	01/17/2025	*			
106	R Street Diversion Chamber (RS-DC) and R Street Drop Shaft (RS-DS)	019	01/28/2025	*			
107	Florida Avenue Diversion Chamber (FLA-DC), Florida Avenue Drop Shaft (FLA-DS)	019	01/28/2025	*			
108	T Street Junction Chamber (TS-JC), T Street Drop Shaft (TS-DS)	019	01/28/2025	*			
109	4th Street NE Diversion Chamber (4S-DC), 4th Street Drop Shaft (4S-DS)	019	01/28/2025	*			
110	Rhode Island Avenue Diversion Chamber (RIA-DC), Rhode Island Avenue Drop Shaft (RIA-DS)	019	01/28/2025	*			
111a	Mount Olivet Road Junction Chamber (MOR-JC)	019	01/28/2025	*			
111b	Mount Olivet Road Diversion Chamber (MOR-DC)	019	01/28/2025	*			
111c	Mount Olivet Road Drop Shaft (MOR-DS)	019	01/28/2025	*			

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	01/17/2025	*		*		*		*		
005	Across from Navy Yard, aligned with Parsons Ave., SE	01/13/2025	*		*		*		*		
006[1]	Good Hope Road and Welsh Memorial Bridge	N/A									
007	Between 11th St. and Anacostia Bridges, SE	01/13/2025	*		*		*		*		
009	O St. Sewage Pumping Station, SE	01/22/2025	*		*		*		*		
010	O St. Sewage Pumping Station, SE	01/22/2025	*			*			*		
011	Main Sewage Pumping Station, SE	01/22/2025	*			*			*		
011a	Main Sewage Pumping Station, SE	01/22/2025	*		*		*		*		
012	Main Sewage Pumping Station, SE	01/22/2025	*		*		*		*		
013	Southeast Federal Center, aligned with 4th St.	01/22/2025	*		*		*		*		
014	Navy Yard, aligned with 6th St., SE	01/22/2025	*		*		*		*		
015	Navy Yard, aligned with 9th Street, SE	01/22/2025	*			*			*		
016	12th and O Streets, SE	01/22/2025	*		*		*		*		
017	M and Water Street, SE	01/22/2025	*		*		*		*		
018	East of Barney Circle & South of Pennsylvania Avenue Bridge, SE	01/22/2025	*		*		*		*		
019	Adjacent to Service Drive behind swirl facility & D.C. General Hospital	01/22/2025	*		*		*		*		
019a	Adjacent to Service Drive behind swirl facility & D.C. General Hospital (Tunnel Overflow Structure)	01/27/2025	*		*		*		*		
020	Rock Creek Parkway and Independence, NW	01/22/2025	*		*		*		*		
021	Rock Creek Parkway and C St., NW	01/22/2025	*		*		*		*		
022	Rock Creek Parkway and G St., NW	01/22/2025	*		*		*		*		
024	South of 30th and K Streets, NW[1]	01/22/2025	*		*		*		*		
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	01/22/2025	*			*			*		
028	Key Bridge and Whitehurst Freeway, NW	01/22/2025	*			*			*		
029	Adjacent to C&O Canal, aligned with 38th St. NW	01/22/2025	*			*			*		

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	01/22/2025	*			*			*		
033	Across street from St. Francis Jr. High and aligned with N St., NW.	01/24/2025	*		*		*		*		
034	Just west of St. Francis Jr. High and north of N St., NW	01/24/2025	*			*			*		
035	P St. Bridge and Rock Creek Parkway	01/15/2025	*			*			*		
036	22nd Street, South of Q Street NW.	01/27/2025	*		*		*		*		
037[1]	Waterside Dr. and Rock Creek Parkway	N/A									
038	Between arch footbridge and Connecticut Ave., north of Kalorama Circle, NW.	01/14/2025	*		*		*		*		
039	Connecticut Avenue Bridge and Rock Creek Parkway, NW.	01/14/2025	*		*		*		*		
040	Aligned with Biltmore Rd., between Connecticut Ave and Ellington Bridge.	01/14/2025	*		*		*		*		
041	Beach Dr. and Ontario Pl., NW	01/15/2025	*		*		*		*		
042	Harvard St. and Beach Dr NW.	01/15/2025	*		*		*		*		
043	Upstream of Harvard St. and Beach Dr NW.	01/15/2025	*		*		*		*		
044	Kenyon Street and Beach Dr., NW.	01/15/2025	*		*		*		*		
045	North of Beach Dr. and Walbridge Pl, NW.	01/15/2025	*		*		*		*		
046	Piney Branch Parkway and Park Road, NW.	01/16/2025	*			*			*		
047	Piney Branch Parkway and Ingleside Terrace	01/16/2025	*		*		*		*		
048	South of Piney Branch Parkway and 17th St.	01/16/2025	*		*		*		*		
049	North of Piney Branch Parkway and 17th St.	01/16/2025	*		*		*		*		
050	Rock Creek Parkway and L St., NW	01/14/2025	*		*		*		*		
051	Across Rock Creek Pkwy, aligned with Olive St., NW.	01/16/2025	*		*		*		*		
052	Between P & Penna. Ave Bridges, aligned with O Street, NW.	01/16/2025	*		*		*		*		
053[1]	Q St. Bridge and Rock Creek Parkway, NW.	N/A									
054	Massachusetts Ave & Rock Creek Parkway, NW.	01/16/2025	*		*		*		*		
056	Normanstone Dr. and Rock Creek Parkway, NW.	01/16/2025	*		*		*		*		
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	01/27/2025	*		*		*		*		

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	1/17/25 – 1/31/25	Pump taken out of service for planned repairs	25-226406	Anticipated return to service 5/31/25
O Street	31	2	4	Pump 1	1/1/25-1/23/25	High voltage issue (vfd) completed in December 2024 Bypass valve issue repaired by January 23, 2025	25-149114 25-176154	Returned to service 1/23/25
East Side[2]	1	2	4	Pump 4	1/1/25-1/28/25	Check valve issue, Not able to clear alarms, Failed to start, replaced three relays	25-158581 25-228271	Returned to service 1/28/25
				Pump 2	1/24/25-1/31/25	Fail to start, VFD fault	25-228351	Anticipated return to service 3/31/25
Poplar Point	1	2	4	None	-	-	-	-
Potomac	31	4	5	Pump 4	1/1/25-1/31/25	Control board shorted out.	24-609732	Anticipated return to service 6/01/25[1]
				Screen 1	1/2/25-1/31/25	Wiper blade needs to be replaced	25-239878	Anticipated return to service 2/28/25

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. Oral notice provided to EPA on February 18, 2025 regarding the loss of firm capacity at the East Side Pumping Station from January 24, 2025 through January 28, 2025. The loss of firm capacity did not limit the amount of flow coming into East Side Pumping Station during this time and did not cause any back ups within the sewer system. East Side Pumping Station no longer receives influent from the Northeast Boundary Sewer since the decommissioning of the Northeast Boundary Swirl Facility and Structure 24 Inflatable Dams. East Side Pumping Station receives flow from the 48" East Side Interceptor Relief Sewer, which is from the Upper East Side Interceptor. Structure 24B is the junction chamber upstream of East Side Pumping Station that allows flow to be diverted to the Lower East Side Interceptor to Main Pumping Station. As a consequence, the operational capacity of the East Side Pumping Station was sufficient to handle the reduced flow amounts and did not result in overflows to the Anacostia River.

Table 2-4
Pumping Stations – Preventive Maintenance

Pumping Station	*Date Performed*	*Type of Preventive Maintenance Performed*[1]	*Work Order Number*	*Comments*
Main	1/16/25	Group A	25-179471	Add oil, grease bearings and replace packing if needed.
O St	1/3/25	Group A	25-191640	Add oil, grease bearings and replace packing if needed.
Eastside	1/14/25	Group A	25-189656	Add oil, grease bearings and replace packing if needed.
Poplar Point	1/30/25	Group A	25-183648	Add oil, grease bearings and replace packing if needed.
Potomac	1/30/25	Group A	25-192620	Add oil, grease bearings and replace packing if needed.
Rock Creek	1/22/25	Group A	25-155798	Add oil, grease bearings and replace packing if needed.
Upper Anacostia	1/14/25	Group A	25-183875	Add oil, grease bearings and replace packing if needed.
Earl Place	1/14/25	Group A	25-152406	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]	328.67*	10.60*	N/A
O St[1,2]	117.97	3.81	N/A
Eastside	104.19	3.36	N/A
Poplar Point	299.39	9.66	N/A
Potomac	3219.81	103.87	N/A
Rock Creek	33.02	1.07	N/A
Upper Anacostia	31.91	1.03	N/A
Earl Place	0.087	0.003	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.

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	1/29/2025	No	N/A	Note 1	N/A
14 - West	1/29/2025	No	N/A	Note 1	N/A
15	1/29/2025	No	N/A	N/A	N/A
15A	1/14/2025	Yes	1/14/2025	Note 5	1/14/2025
	1/16/2025	Yes	1/16/2025	Note 7	1/16/2025
	1/26/2025	Yes	1/26/2025	Note 10	1/26/2025
	1/27/2025	Yes	1/27/2025	Note 11	1/27/2025
	1/29/2025	No	N/A	N/A	N/A
	1/30/2025	Yes	1/30/2025	Note 12	1/30/2025
16 – East	1/14/2025	Yes	1/14/2025	Note 6	1/14/2025
	1/2/2025	Yes	1/21/2025	Note 8	1/21/2025
	1/29/2025	No	N/A	Note 1	N/A
16 – West	1/14/2025	Yes	1/14/2025	Note 8	1/14/2025
	1/21/2025	Yes	1/21/2025	Note 10	1/21/2025
	1/29/2025	No	N/A	Note 1	N/A
34	N/A	No	N/A	Note 1	N/A
	1/8/2025	Yes	1/8/2025	Note 2	1/8/2025
	1/12/2025	Yes	1/12/2025	Note 3	1/12/2025
	1/13/2025	Yes	1/13/2025	Note 5	1/13/2025
	1/23/2025	Yes	Yes	Note 9	1/23/2025
35	1/12/2025	Yes	1/12/2025	Note 3	1/12/2025
	1/13/2025	Yes	1/13/2025	Note 4	1/13/2025
	1/29/2025	No	N/A	N/A	N/A
52	1/29/2025	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. On 1/8/2025 Structure 34 deflated around 8:33am due to construction contractor replacing breakers. 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. On 1/12/2025 Structure 34 and Structure 35 deflated around 4:20pm due to loss of power. Instrumentation was notified and 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. See wo#25-209676 and 25-209677
4. On 1/13/2025 Structure 34 and Structure 35 deflated around 2:08pm due to loss of power. Instrumentation was notified and the structure was reinflated and returned to service within three hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold. See Wo# 25-215432 and 25-215434
5. On 1/14/2025 Structure 15A deflated around 1:34pm due to a discharge valve failing to open. 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. See wo# 25-215928
6. On 1/14/2025 Structure 16 East and West deflated around 9:42am for ten minutes. Instrumentation was notified. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
7. On 1/16/2025 Structure 15A deflated around 1:52pm due to a discharge valve open in alarm that couldn't clear in SCADA. Instrumentation was notified and 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. See wo#25-217307
8. On 1/21/2025 Structure 16 East and West deflated around 2:08am. Instrumentation was notified. The structure returned to service within three hours. Instrumentation checked the level sensor, cleaned and confirmed operation. This was not an overflow to the river as the upstream levels were lower than the low-level threshold. See wo#25-226307
9. On 1/23/2025 Structure 34 deflated around 7:23am due to a power outage. Instrumentation was notified and 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. See wo# 25-215437
10. On 1/26/2025 Structure 15A deflated around 5:42am due to blower failure. Instrumentation was notified and 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. See wo# 25-229088
11. On 1/27/2025 Structure 15A deflated around 10:18pm due to a false high-level alarm. Instrumentation was notified and 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. See wo# 25-239628
12. On 1/30/2025 Structure 15A deflated around 9:32am due to instrumentation replacing the submersible pressure transmitter. 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. See wo# 25-229088

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	*None*	*N/A*	*Inflated*
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 January 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	0	0	1408	1386	5	5	5	5
2	2849	2650	490	0	0	2425	2243	1	1	1	1
3	3724	184	0	0	0	3666	171	5	0	5	0
4	3554	1769	0	0	0	3501	1714	25	25	25	25
5	4076	1750	1686	10	0	4058	1731	18	10	18	10
6	3411	2750	2737	1	0	3389	2747	3	1	3	1
7	3914	43	43	0	0	3901	43	119	0	119	0
8	2938	214	214	6	0	3796	214	398	6	398	6
Grand Total	**25935**[1]	**10804**[1]	**5831**[1]	**17**	**0**	**26144**	**10249**	**574**	**48**	**574**	**48**
% Cleaned/Inspected to Date				**0%**	**0%**					**2%**	**0%**

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	01/14/2025	Good	None	Routine Cleaning	(1)
Bar Rack CSO 041	01/15/2025	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	2
Reason not Operating	Maintenance, wind, low water levels.
# Skimmer in Fleet	3 Skimmers
# Skimmers Out of Service	3 Skimmers
Dates	B33: Jan 1 - Jan 12. B34: Jan 1 - Jan 16. B37: Jan 1 - Jan 31.
Reason	B33: Engine stopping during operation. B34: Starboard wing screen off track. B37: Hydraulic fluid leak.
Plan to Restore to Service	B33: Returned to operation on Jan 13. B34: Returned to operation on Jan 17. B37: Troubleshooting in progress. ETR Feb 2025.
Amount Material Collected	0 tons this month. Calendar year to date 0 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)	1/14/2025	X		25-220247		
Bar Racks at Main Storm Pumps (CSO 011)	1/16/2025	X		25-220240		

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
1/1/2025	0.01	0	0	0	0
1/2/2025	0	0	0	0	0
1/3/2025	0.03	0.02	0.03	0.03	0.04
1/4/2025	0	0	0	0	0
1/5/2025	0	0	0	0	0
1/6/2025	0.52	0.64	0.70	0.62	0.81
1/7/2025	0	0	0.01	0	0
1/8/2025	0	0	0	0	0
1/9/2025	0	0	0	0	0
1/10/2025	0	0	0	0	0
1/11/2025	0	0.03	0.05	0.03	0.07
1/12/2025	0	0	0	0	0
1/13/2025	0	0	0	0	0
1/14/2025	0	0	0	0	0
1/15/2025	0	0	0	0	0
1/16/2025	0	0	0	0	0.01
1/17/2025	0	0	0	0	0
1/18/2025	0	0	0	0	0.02
1/19/2025	0.11	0.17	0.22	0.20	0.23
1/20/2025	0	0	0	0	0
1/21/2025	0	0	0	0	0
1/22/2025	0	0	0	0	0
1/23/2025	0	0	0	0	0
1/24/2025	0	0	0	0	0
1/25/2025	0	0	0	0	0
1/26/2025	0	0	0	0	0
1/27/2025	0	0	0	0	0
1/28/2025	0	0	0	0	0
1/29/2025	0	0	0	0	0
1/30/2025	0	0	0	0	0
1/31/2025	0.48	0.52	0.66	0.60	0.77
TOTAL	**1.15**	**1.38**	**1.67**	**1.48**	**1.95**

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 March 2025 Report.

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

Serving the Public • Protecting the Environment

Monthly Operations Report For
Combined Sewer System

Month: February 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: February 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	02/10/2025	*			
7	W Street and Railroad Ave, SE	005	02/10/2025	*			
8[1]	Good Hope Rd, west of Nichols Ave, SE	006	N/A				
9	13th Street and Ridge Place, SE (Diversion Structure)	007	02/10/2025	*			
9a	13th Street and Ridge Place, SE (Regulator Structure)	007	02/10/2025	*			
9b	11th Street Bridge and DC 295 SB (CSO-007 Diversion Chamber)	007	02/10/2025	*			
11	"O" Street Pumping Station	011(a)	02/13/2025	*			
12	Storm Pump Discharge at Main Pumping Station	011	02/07/2025	*			
13	2nd Street, 300 ft. north of N Place, SE	009	02/06/2025	*			
14	2nd Street, 250 ft. north of N Place, SE	011(a)	02/25/2025	*			
15	South Capitol and E Streets	010	02/25/2025	*			
15a	Half and L Streets, SE	010	02/25/2025	*			
15b	South Capitol and I Streets	010	02/07/2025	*			
15c	South Capitol and I Streets	010	02/07/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
16	North of Main Sewage Pumping Station	012	02/25/2025	*			
17	4th and N Streets, SE, Both Extended	013	02/24/2025	*			
17a	K Street between 6th Street and 7th Street, SE (Side Overflow Weir)	013	02/24/2025	*			
17b	4th and N Streets, SE, Both Extended (CSO-013 Diversion Chamber)	013	02/26/2025	*			
18	6th and M Streets, SE (Diversion and Overflow Structure)	014	02/06/2025	*			
18a	Tingey Street SE and 5 1 / 2 Street SE (CSO-014 Diversion Chamber)	014	02/06/2025	*			
19	9th and M Streets, SE	015	02/06/2025	*			
19a	9th and M Streets, SE	015	02/06/2025	*			
19b	9th and M Streets, SE (Diversion Chamber)	015	02/06/2025	*			
19c	9th and M Streets, SE (Diversion Chamber)	015	02/06/2025	*			
20	12th and M Streets, SE	016	02/06/2025	*			
20a	12th and M Streets, SE	016	02/06/2025	*			
20b	12th and M Streets, SE (CSO-016 Diversion Chamber)	016	02/06/2025	*			
21	14th and M Streets, SE	017	02/06/2025	*			
21a	14th and M Streets, SE (CSO-017 Diversion Chamber)	017	02/06/2025	*			
22a	Barney Circle and Pennsylvania Ave, SE	018	02/10/2025	*			
22b	Barney Circle and Pennsylvania Ave, SE	018	02/10/2025	*			
22c	Barney Circle and Pennsylvania Ave, SE	018	02/10/2025	*			
22d	Kentucky Ave and Potomac Street, SE	018	02/10/2025	*			
22e	14th Street and Kentucky Ave, SE	018	02/10/2025	*			
23	Independence Ave, 21st Street, SE, Extended	019	02/10/2025	*			
24a	East Capitol St, west of RFK stadium	019	02/10/2025	*			
28	21st and Constitution Ave, NW	020	02/11/2025	*			
29	22nd Street, between Constitution Ave and C St, NW	020	02/11/2025	*			
30	17th and D Streets, NW	020	02/11/2025	*			
31	15th Street and Pennsylvania Ave, NW	020	02/11/2025	*			
33	10th and F Streets, NW	020	02/11/2025	*			
34	23rd Street, north of Constitution Ave, NW	020	02/25/2025	*			
34a	23rd Street near C Street, NW	020	02/11/2025	*			
35	Northeast of Roosevelt Bridge, NW	021	02/28/2025	*			
35c	Kennedy Center Rock Creek and Potomac Pkwy Northeast of Roosevelt Bridge, NW	021	02/28/2025	*			
36	27th and I Streets, NW	022	02/11/2025	*			
36a	New Hampshire Ave and Eye Street, NW	022	02/11/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
36b	19th and L Streets, NW	022, 034	02/13/2025	*			
36d	17th and L Streets, NW	022, 034	02/13/2025	*			
36g	18th and M Streets, NW	022, 034	02/13/2025	*			
36h	18th and M Streets, NW	022, 034	02/13/2025	*			
37	27th and Eye Streets, NW	022	02/11/2025	*			
38	29th and K Streets, NW	024	02/05/2025	*			
38a	30th Street, south of K Street, NW	024	02/05/2025	*			
39a	30th and K Streets, NW	024	02/05/2025	*			
39b	30th and K Streets, NW	024	02/05/2025	*			
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	02/05/2025	*			
43a	Potomac and Water Streets, NW	027	02/05/2025	*			
44	Water Street, west of Potomac St, NW	027	02/05/2025	*			
45	36th and M Streets, NW	028	02/18/2025	*			
46	Canal Rd, 1000ft. east of Foxhall Rd, NW	029	02/18/2025	*			
47	38th Street and Reservoir Road, NW	029	02/18/2025	*			
47a	37th and T Streets, NW	029	02/18/2025	*			
47b	37th and T Streets, NW	029	02/18/2025	*			
47c	38th and W Streets, NW	029	02/18/2025	*			
49[1]	Pennsylvania Ave, east side of Rock Creek, NW	031	N/A				
50	26 and M Streets, NW	032	02/24/2025	*			
51	N Street Extended, west of 25th Street, NW	033	02/24/2025	*			
52	22nd Street between M and N Streets, NW	034	02/28/2025	*			
52a	N Street between 22nd and 23rd Streets, NW	034	02/13/2025	*			
53	22nd and M Streets, NW	022, 034	02/13/2025	*			
53a	22nd and M Streets, NW	022, 034	02/13/2025	*			
53b	L Street between 21st Street and New Hampshire Ave, NW	022, 034	02/18/2025	*			
53c	L and 22nd Streets, NW	022	02/13/2025	*			
54	23rd and O Streets, NW	034	02/20/2025	*			
55	22nd Street, south of Q Street, NW	035	02/20/2025	*			
55a	22nd Street, south of Q Street, NW	035	02/20/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
56	23rd and Massachusetts Ave, NW	036	02/20/2025	*			
57	23rd Street, south of Q Street, NW	036	02/20/2025	*			
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	02/14/2025	*			
60	Connecticut Ave, east of Rock Creek, NW	039	02/14/2025	*			
61	Biltmore St, Extended, east of Rock Creek, NW	040	02/14/2025	*			
62	Ontario Rd, Extended, and Rock Creek Pkwy, NW	041	02/19/2025	*			
63	Harvard Street and Rock Creek Parkway, NW	042	02/19/2025	*			
64	Adams Mill Road, south of Irving Street, NW	043	02/19/2025	*			
65	Kenyon Street and Adams Mill Road, NW	044	02/19/2025	*			
65a	Kenyon Street and Adams Mill Road, NW	044	02/19/2025	*			
66	Adams Mill Road and Lamont Street, NW	045	02/19/2025	*			
67	Park Rd , south of Piney Branch Pkwy, NW	046	02/19/2025	*			
68	Ingleside Terrance, Extended and Piney Branch Parkway, NW	047	02/19/2025	*			
69	Mt. Pleasant Street, Extended and Piney Branch Parkway, NW	048	02/19/2025	*			
70	Piney Branch Parkway, west of 16th Street, NW	049	02/19/2025	*			
70i	5th and Quackenbos Streets, NW	049	02/18/2025	*			
71	28th Street, west of Rock Creek Parkway, NW	050	02/05/2025	*			
72	Olive Street Extended and Rock Creek Pkwy, NW	051	02/20/2025	*			
72a	Olive Street Extended and Rock Creek Pkwy, NW	051	02/20/2025	*			
73	O Street Extended and Rock Creek Parkway, NW	052	02/24/2025	*			
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	02/18/2025	*			
77	Normanstone Dr Extended, west of Rock Creek, NW	056	02/18/2025	*			
77a	Normanstone Dr and Normanstone Lane, NW	056	02/18/2025	*			
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	02/20/2025	*			
84a	26th and P Streets, NW	060	02/20/2025	*			
86	Diversion Chamber and Vortex Drop at First and Channing St, NW (First St Tunnel)	019	02/21/2025	*			
88	Flagler and Adams St. NW (First St Tunnel)	019	02/21/2025	*			
89	First and V St, NW (First St Tunnel)	019	02/21/2025	*			

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	02/21/2025	*			
91	First and V St, NW (First St Tunnel)	019	02/21/2025	*			
92	CSO 019 Diversion Near Eastside PS (Anacostia River Tunnel)	019	02/27/2025	*			
93	CSO 018 Diversion Near Barney Circle (Anacostia River Tunnel)	018	02/27/2025	*			
95	M Street Approach Channel M and Water St SE (Anacostia River Tunnel)	015, 016, 017	02/06/2025	*			
96	CSO 007 Shaft at 11th St Bridge and DC I-295 SB Diversion Facilities (Anacostia River Tunnel)	007	02/26/2025	*			
97	CSO 005 Diversion at Chicago St Trunk Sewer, I295 SB (Anacostia River Tunnel)	005	02/26/2025	*			
98	Main Pumping Station Diversions (Anacostia River Tunnel)	009 – 012	02/24/2025	*			
99	CSO 009 and 011a Diversion Facilities (Anacostia River Tunnel)	009, 011a	02/25/2025	*			
100	CSO 012 Diversion Facilities (Anacostia River Tunnel)	012	02/25/2025	*			
101	Main Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	N/A	02/26/2025	*			
102	Anacostia Main Interceptor Diversion Chamber	N/A	02/26/2025	*			
103	Poplar Point PS Emergency Overflow Chamber (Anacostia River Tunnel)	N/A	02/26/2025	*			
104	Poplar Point PS Discharge Chamber	N/A	02/26/2025	*			
105	Potomac Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	003A	02/26/2025	*			
106	R Street Diversion Chamber (RS-DC) and R Street Drop Shaft (RS-DS)	019	02/21/2025	*			
107	Florida Avenue Diversion Chamber (FLA-DC), Florida Avenue Drop Shaft (FLA-DS)	019	02/21/2025	*			
108	T Street Junction Chamber (TS-JC), T Street Drop Shaft (TS-DS)	019	02/21/2025	*			
109	4th Street NE Diversion Chamber (4S-DC), 4th Street Drop Shaft (4S-DS)	019	02/21/2025	*			
110	Rhode Island Avenue Diversion Chamber (RIA-DC), Rhode Island Avenue Drop Shaft (RIA-DS)	019	02/21/2025	*			
111a	Mount Olivet Road Junction Chamber (MOR-JC)	019	02/21/2025	*			
111b	Mount Olivet Road Diversion Chamber (MOR-DC)	019	02/21/2025	*			
111c	Mount Olivet Road Drop Shaft (MOR-DS)	019	02/21/2025	*			

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	02/26/2025	*		*		*		*		
005	Across from Navy Yard, aligned with Parsons Ave., SE	02/07/2025	*		*		*		*		
006[1]	Good Hope Road and Welsh Memorial Bridge	N/A									
007	Between 11th St. and Anacostia Bridges, SE	02/07/2025	*		*		*		*		
009	O St. Sewage Pumping Station, SE	02/07/2025	*		*		*		*		
010	O St. Sewage Pumping Station, SE	02/07/2025	*			*			*		
011	Main Sewage Pumping Station, SE	02/07/2025	*			*			*		
011a	Main Sewage Pumping Station, SE	02/07/2025	*		*		*		*		
012	Main Sewage Pumping Station, SE	02/07/2025	*		*		*		*		
013	Southeast Federal Center, aligned with 4th St.	02/07/2025	*		*		*		*		
014	Navy Yard, aligned with 6th St., SE	02/07/2025	*		*		*		*		
015	Navy Yard, aligned with 9th Street, SE	02/07/2025	*			*			*		
016	12th and O Streets, SE	02/07/2025	*		*		*		*		
017	M and Water Street, SE	02/07/2025	*		*		*		*		
018	East of Barney Circle & South of Pennsylvania Avenue Bridge, SE	02/07/2025	*		*		*		*		
019	Adjacent to Service Drive behind swirl facility & D.C. General Hospital	02/27/2025	*		*		*		*		
019a	Adjacent to Service Drive behind swirl facility & D.C. General Hospital (Tunnel Overflow Structure)	02/27/2025	*		*		*		*		
020	Rock Creek Parkway and Independence, NW	02/07/2025	*		*		*		*		
021	Rock Creek Parkway and C St., NW	02/07/2025	*		*		*		*		
022	Rock Creek Parkway and G St., NW	02/07/2025	*		*		*		*		
024	South of 30th and K Streets, NW[1]	02/07/2025	*		*		*		*		
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	02/07/2025	*			*			*		
028	Key Bridge and Whitehurst Freeway, NW	02/07/2025	*			*			*		
029	Adjacent to C&O Canal, aligned with 38th St. NW	02/07/2025	*			*			*		

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	02/24/2025	*			*			*		
033	Across street from St. Francis Jr. High and aligned with N St., NW.	02/24/2025	*		*		*		*		
034	Just west of St. Francis Jr. High and north of N St., NW	02/20/2025	*			*			*		
035	P St. Bridge and Rock Creek Parkway	02/20/2025	*			*			*		
036	22nd Street, South of Q Street NW.	02/18/2025	*		*		*		*		
037[1]	Waterside Dr. and Rock Creek Parkway	N/A									
038	Between arch footbridge and Connecticut Ave., north of Kalorama Circle, NW.	02/14/2025	*		*		*		*		
039	Connecticut Avenue Bridge and Rock Creek Parkway, NW.	02/14/2025	*		*		*		*		
040	Aligned with Biltmore Rd., between Connecticut Ave and Ellington Bridge.	02/14/2025	*		*		*		*		
041	Beach Dr. and Ontario Pl., NW	02/07/2025	*		*		*		*		
042	Harvard St. and Beach Dr NW.	02/07/2025	*		*		*		*		
043	Upstream of Harvard St. and Beach Dr NW.	02/07/2025	*		*		*		*		
044	Kenyon Street and Beach Dr., NW.	02/07/2025	*		*		*		*		
045	North of Beach Dr. and Walbridge Pl, NW.	02/07/2025	*		*		*		*		
046	Piney Branch Parkway and Park Road, NW.	02/19/2025	*			*			*		
047	Piney Branch Parkway and Ingleside Terrace	02/19/2025	*		*		*		*		
048	South of Piney Branch Parkway and 17th St.	02/19/2025	*		*		*		*		
049	North of Piney Branch Parkway and 17th St.	02/19/2025	*		*		*		*		
050	Rock Creek Parkway and L St., NW	02/05/2025	*		*		*		*		
051	Across Rock Creek Pkwy, aligned with Olive St., NW.	02/24/2025	*		*		*		*		
052	Between P & Penna. Ave Bridges, aligned with O Street, NW.	02/24/2025	*		*		*		*		
053[1]	Q St. Bridge and Rock Creek Parkway, NW.	N/A									
054	Massachusetts Ave & Rock Creek Parkway, NW.	02/18/2025	*		*		*		*		
056	Normanstone Dr. and Rock Creek Parkway, NW.	02/18/2025	*		*		*		*		
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	02/18/2025	*		*		*		*		

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	28	3	4	Pump 3	2/1/2025-2/28/2025	Pump taken out of service for planned repairs	25-226406	Anticipated return to service 5/31/25
O Street	28	2	4	None	-	-	-	-
East Side[2]	1	2	4	Pump 2	2/1/25-2/28/25	Fail to start, VFD fault	25-228351	Anticipated return to service 3/31/25
				Pump 4	2/1/25-2/3/25	Motor overload	25-247701	Returned to service 2/3/25
					2/18/25-2/23/25	Motor overload	25-315434	Returned to service 2/23/25
Poplar Point	1	2	4	None	-	-	-	-
Potomac	28	4	5	Pump 4	2/1/24-2/28/24	Control board shorted out.	24-609732	Anticipated return to service 6/01/25[1]
				Screen 1	2/1/24-2/28/24	Wiper blade needs to be replaced	25-354614	Anticipated return to service 3/31/25[1]

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. Oral notice provided to EPA on February 18th, 2025 regarding the loss of firm capacity at the East Side Pumping Station from February 1st, 2025 through February 3rd, 2025 and from February 18th, 2025 through February 23rd, 2025 The loss of firm capacity did not limit the amount of flow coming into East Side Pumping Station during this time and did not cause any back ups within the sewer system. East Side Pumping Station no longer receives influent from the Northeast Boundary Sewer since the decommissioning of the Northeast Boundary Swirl Facility and Structure 24 Inflatable Dams. East Side Pumping Station receives flow from the 48" East Side Interceptor Relief Sewer, which is from the Upper East Side Interceptor. Structure 24B is the junction chamber upstream of East Side Pumping Station that allows flow to be diverted to the Lower East Side Interceptor to Main Pumping Station. As a consequence, the operational capacity of the East Side Pumping Station was sufficient to handle the reduced flow amounts and did not result in overflows to the Anacostia River.

Table 2-4
Pumping Stations – Preventive Maintenance

Pumping Station	*Date Performed*	*Type of Preventive Maintenance Performed*[1]	*Work Order Number*	*Comments*
Main	2/26/25	Group A	25-220835	Add oil, grease bearings and replace packing if needed.
O St	2/26/25	Group A	25-254087	Add oil, grease bearings and replace packing if needed.
Eastside	2/24/25	Group A	25-231627	Add oil, grease bearings and replace packing if needed.
Poplar Point	2/26/25	Group A	25-225062	Add oil, grease bearings and replace packing if needed.
Potomac	2/16/25	Group A	25-237868	Add oil, grease bearings and replace packing if needed.
Rock Creek	2/10/25	Group A	25-214607	Add oil, grease bearings and replace packing if needed.
Upper Anacostia	2/24/25	Group A	25-225286	Add oil, grease bearings and replace packing if needed.
Earl Place	2/27/25	Group A	25-202377	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]	608.40*	21.73*	N/A
O St[1,2]	118.62	4.24	N/A
Eastside	101.51	3.63	N/A
Poplar Point	305.60	10.91	N/A
Potomac	3290.61	117.52	N/A
Rock Creek	24.81	0.89	N/A
Upper Anacostia	31.88	1.18	N/A
Earl Place	0.2087	0.0075	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.

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	2/25/2025	No	N/A	N/A	N/A
15A	2/25/2025	No	N/A	N/A	N/A
16 – East	N/A 2/25/2025	No Yes	N/A 2/25/2025	Note 1 Note 9	N/A 2/25/2025
16 – West	N/A 2/25/2025	No Yes	N/A 2/25/2025	Note 1 Note 9	N/A 2/25/2025
34	N/A 2/7/2025 2/10/2025	No Yes Yes	N/A 2/7/2025 2/10/2025	Note 1 Note 2 Note 3	N/A 2/7/2025 2/10/2025
35	2/25/2025	No	N/A	N/A	N/A
52	N/A 2/12/2025 2/14/2025 2/21/2025 2/22/2025 2/24/2025	No Yes Yes Yes Yes Yes	N/A 2/12/2025 2/14/2025 2/21/2025 2/22/2025 2/24/2025	Note 1 Note 4 Note 5 Note 6 Note 7 Note 8	N/A 2/12/2025 2/14/2025 2/21/2025 2/22/2025 2/24/2025

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. On 2/7/25 Structure 34 deflated around 5:11 am due to contractors replacing the blower system. 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. See WO# 25-294907
3. On 2/10/25 Structure 34 deflated around 10:11am due to contractor repairing air leak at condensation drain. 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.
4. On 2/12/25 Structure 52 deflated throughout the day due to onsite work from contractors. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
5. On 2/14/25 Structure 52 deflated throughout the day due to temporary blower installation. This was not an overflow to the river as the upstream levels were lower than the low-level threshold. See WO# 25-307117

6. On 2/21/25 Structure 52 deflated due to a Power outage in the area. Instrumentation was notified and 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.
7. On 2/22/25 Structure 52 deflated around 7:49 am due to contractor repairs. The structure was reinflated and returned to service within three hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
8. On 2/24/25 Structure 52 deflated around 6:41 am due to a Blower high motor temperature alarm which wouldn't reset from SCADA. High Priority Team was notified and 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.
9. on 2/25/25 Structure 16 East and West Deflated due to presence of inspectors in 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. See WO# 25-325515

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	*None*	*N/A*	*Inflated*
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 February 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	0	0	5	5	2	2	7	7
2	2849	2650	490	9	0	1	1	21	21	22	22
3	3724	184	0	0	0	5	0	8	0	13	0
4	3554	1769	0	0	0	25	25	4	4	29	29
5	4076	1750	1686	15	0	18	10	5	5	23	15
6	3411	2750	2737	23	1	3	1	23	23	26	24
7	3914	43	43	0	0	119	0	356	0	475	0
8	2938	214	214	6	0	398	6	664	0	1062	6
Grand Total	**25935**[1]	**10804**[1]	**5831**[1]	**53**	**1**	**574**	**48**	**1083**	**55**	**1657**	**103**
% Cleaned/Inspected to Date				**1%**	**0%**					**6%**	**0%**

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	02/14/2025	Good	None	Routine Cleaning	(1)
Bar Rack CSO 041	02/07/2025	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:	18
Days not Operating	9
Reason not Operating	Maintenance, wind, low water levels.
# Skimmer in Fleet	3 Skimmers
# Skimmers Out of Service	2 Skimmers
Dates	B33: Feb 1 - Feb 17. B37: Feb 1 - Feb 24.
Reason	B33: Hydraulic cylinder failure on starboard prop assembly. B37: Hydraulic fluid leak.
Plan to Restore to Service	B33: Returned to operation on Feb 18. B37: Returned to operation on Feb 25.
Amount Material Collected	2 tons this month. Calendar year to date 2 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)	2/27/25	X		25-301176		
Bar Racks at Main Storm Pumps (CSO 011)	2/26/25	X		25-301169		

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
2/1/2025	0	0	0	0	0
2/2/2025	0	0	0	0	0
2/3/2025	0	0	0	0	0
2/4/2025	0	0	0	0	0
2/5/2025	0.01	0.01	0.02	0.01	0.05
2/6/2025	0.56	0.64	0.72	0.66	0.85
2/7/2025	0	0	0	0	0
2/8/2025	0	0.01	0.02	0.01	0.05
2/9/2025	0	0	0	0	0
2/10/2025	0	0	0	0	0
2/11/2025	0.29	0.35	0.52	0.32	0.60
2/12/2025	0.15	0.21	0.18	0.20	0.14
2/13/2025	0.15	0.15	0.15	0.15	0.19
2/14/2025	0	0	0	0	0
2/15/2025	0.30	0.38	0.46	0.37	0.47
2/16/2025	0.49	0.48	0.55	0.52	0.47
2/17/2025	0	0	0	0	0
2/18/2025	0	0	0	0	0
2/19/2025	0	0	0	0	0
2/20/2025	0	0	0	0	0
2/21/2025	0	0	0	0	0
2/22/2025	0	0	0	0	0
2/23/2025	0	0	0	0	0
2/24/2025	0	0	0	0	0
2/25/2025	0	0	0	0	0
2/26/2025	0	0	0	0	0
2/27/2025	0	0.01	0	0.01	0.02
2/28/2025	0	0	0	0	0
TOTAL	**1.95**	**2.24**	**2.62**	**2.25**	**2.84**

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 March 2025 Report.

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY

Serving the Public • Protecting the Environment

Monthly Operations Report For
Combined Sewer System

Month: March 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: February 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	03/13/2025	*			
7	W Street and Railroad Ave, SE	005	03/13/2025	*			
8[1]	Good Hope Rd, west of Nichols Ave, SE	006	N/A				
9	13th Street and Ridge Place, SE (Diversion Structure)	007	03/13/2025	*			
9a	13th Street and Ridge Place, SE (Regulator Structure)	007	03/13/2025	*			
9b	11th Street Bridge and DC 295 SB (CSO-007 Diversion Chamber)	007	03/11/2025	*			
11	"O" Street Pumping Station	011(a)	03/05/2025	*			
12	Storm Pump Discharge at Main Pumping Station	011	03/19/2025	*			
13	2nd Street, 300 ft. north of N Place, SE	009	03/05/2025	*			
14	2nd Street, 250 ft. north of N Place, SE	011(a)	03/25/2025	*			
15	South Capitol and E Streets	010	03/17/2025	*			
15a	Half and L Streets, SE	010	03/17/2025	*			
15b	South Capitol and I Streets	010	03/11/2025	*			
15c	South Capitol and I Streets	010	03/11/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
16	North of Main Sewage Pumping Station	012	03/17/2025	*			
17	4th and N Streets, SE, Both Extended	013	03/05/2025	*			
17a	K Street between 6th Street and 7th Street, SE (Side Overflow Weir)	013	03/05/2025	*			
17b	4th and N Streets, SE, Both Extended (CSO-013 Diversion Chamber)	013	03/05/2025	*			
18	6th and M Streets, SE (Diversion and Overflow Structure)	014	03/28/2025	*			
18a	Tingey Street SE and 5 1 / 2 Street SE (CSO-014 Diversion Chamber)	014	03/05/2025	*			
19	9th and M Streets, SE	015	03/26/2025	*			
19a	9th and M Streets, SE	015	03/26/2025	*			
19b	9th and M Streets, SE (Diversion Chamber)	015	03/26/2025	*			
19c	9th and M Streets, SE (Diversion Chamber)	015	03/26/2025	*			
20	12th and M Streets, SE	016	03/10/2025	*			
20a	12th and M Streets, SE	016	03/10/2025	*			
20b	12th and M Streets, SE (CSO-016 Diversion Chamber)	016	03/10/2025	*			
21	14th and M Streets, SE	017	03/10/2025	*			
21a	14th and M Streets, SE (CSO-017 Diversion Chamber)	017	03/10/2025	*			
22a	Barney Circle and Pennsylvania Ave, SE	018	03/10/2025	*			
22b	Barney Circle and Pennsylvania Ave, SE	018	03/10/2025	*			
22c	Barney Circle and Pennsylvania Ave, SE	018	03/10/2025	*			
22d	Kentucky Ave and Potomac Street, SE	018	03/10/2025	*			
22e	14th Street and Kentucky Ave, SE	018	03/10/2025	*			
23	Independence Ave, 21st Street, SE, Extended	019	03/10/2025	*			
24a	East Capitol St, west of RFK stadium	019	03/10/2025	*			
28	21st and Constitution Ave, NW	020	03/20/2025	*			
29	22nd Street, between Constitution Ave and C St, NW	020	03/20/2025	*			
30	17th and D Streets, NW	020	03/20/2025	*			
31	15th Street and Pennsylvania Ave, NW	020	03/20/2025	*			
33	10th and F Streets, NW	020	03/20/2025	*			
34	23rd Street, north of Constitution Ave, NW	020	03/17/2025	*			
34a	23rd Street near C Street, NW	020	03/20/2025	*			
35	Northeast of Roosevelt Bridge, NW	021	03/25/2025	*			
35c	Kennedy Center Rock Creek and Potomac Pkwy Northeast of Roosevelt Bridge, NW	021	03/13/2025	*			
36	27th and I Streets, NW	022	03/20/2025	*			
36a	New Hampshire Ave and Eye Street, NW	022	03/20/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
36b	19th and L Streets, NW	022, 034	03/04/2025	*			
36d	17th and L Streets, NW	022, 034	03/04/2025	*			
36g	18th and M Streets, NW	022, 034	03/04/2025	*			
36h	18th and M Streets, NW	022, 034	03/04/2025	*			
37	27th and Eye Streets, NW	022	03/20/2025	*			
38	29th and K Streets, NW	024	03/04/2025	*			
38a	30th Street, south of K Street, NW	024	03/04/2025	*			
39a	30th and K Streets, NW	024	03/04/2025	*			
39b	30th and K Streets, NW	024	03/04/2025	*			
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	03/04/2025	*			
43a	Potomac and Water Streets, NW	027	03/04/2025	*			
44	Water Street, west of Potomac St, NW	027	03/04/2025	*			
45	36th and M Streets, NW	028	03/06/2025	*			
46	Canal Rd, 1000ft. east of Foxhall Rd, NW	029	03/06/2025	*			
47	38th Street and Reservoir Road, NW	029	03/06/2025	*			
47a	37th and T Streets, NW	029	03/06/2025	*			
47b	37th and T Streets, NW	029	03/06/2025	*			
47c	38th and W Streets, NW	029	03/06/2025	*			
49[1]	Pennsylvania Ave, east side of Rock Creek, NW	031	N/A				
50	26 and M Streets, NW	032	03/28/2025	*			
51	N Street Extended, west of 25th Street, NW	033	03/28/2025	*			
52	22nd Street between M and N Streets, NW	034	03/17/2025	*			
52a	N Street between 22nd and 23rd Streets, NW	034	03/27/2025	*			
53	22nd and M Streets, NW	022, 034	03/25/2025	*			
53a	22nd and M Streets, NW	022, 034	03/25/2025	*			
53b	L Street between 21st Street and New Hampshire Ave, NW	022, 034	03/04/2025	*			
53c	L and 22nd Streets, NW	022	03/04/2025	*			
54	23rd and O Streets, NW	034	03/27/2025	*			
55	22nd Street, south of Q Street, NW	035	03/27/2025	*			
55a	22nd Street, south of Q Street, NW	035	03/27/2025	*			

Structure Number	*Location*	*Associated NPDES Outfall*	*Date Inspected*	*Condition*		*Work Needed*	*Work performed*
				Good	Needs Work		
56	23rd and Massachusetts Ave, NW	036	03/27/2025	*			
57	23rd Street, south of Q Street, NW	036	03/27/2025	*			
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	03/07/2025	*			
60	Connecticut Ave, east of Rock Creek, NW	039	03/07/2025	*			
61	Biltmore St, Extended, east of Rock Creek, NW	040	03/07/2025	*			
62	Ontario Rd, Extended, and Rock Creek Pkwy, NW	041	03/12/2025	*			
63	Harvard Street and Rock Creek Parkway, NW	042	03/12/2025	*			
64	Adams Mill Road, south of Irving Street, NW	043	03/18/2025	*			
65	Kenyon Street and Adams Mill Road, NW	044	03/12/2025	*			
65a	Kenyon Street and Adams Mill Road, NW	044	03/12/2025	*			
66	Adams Mill Road and Lamont Street, NW	045	03/12/2025	*			
67	Park Rd , south of Piney Branch Pkwy, NW	046	03/12/2025	*			
68	Ingleside Terrance, Extended and Piney Branch Parkway, NW	047	03/12/2025	*			
69	Mt. Pleasant Street, Extended and Piney Branch Parkway, NW	048	03/12/2025	*			
70	Piney Branch Parkway, west of 16th Street, NW	049	03/12/2025	*			
70i	5th and Quackenbos Streets, NW	049	03/12/2025	*			
71	28th Street, west of Rock Creek Parkway, NW	050	03/28/2025	*			
72	Olive Street Extended and Rock Creek Pkwy, NW	051	03/27/2025	*			
72a	Olive Street Extended and Rock Creek Pkwy, NW	051	03/27/2025	*			
73	O Street Extended and Rock Creek Parkway, NW	052	03/27/2025	*			
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	03/20/2025	*			
77	Normanstone Dr Extended, west of Rock Creek, NW	056	03/20/2025	*			
77a	Normanstone Dr and Normanstone Lane, NW	056	03/20/2025	*			
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	03/27/2025	*			
84a	26th and P Streets, NW	060	03/27/2025	*			
86	Diversion Chamber and Vortex Drop at First and Channing St, NW (First St Tunnel)	019	03/18/2025	*			
88	Flagler and Adams St. NW (First St Tunnel)	019	03/18/2025	*			
89	First and V St, NW (First St Tunnel)	019	03/18/2025	*			

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	03/18/2025	*			
91	First and V St, NW (First St Tunnel)	019	03/18/2025	*			
92	CSO 019 Diversion Near Eastside PS (Anacostia River Tunnel)	019	03/19/2025	*			
93	CSO 018 Diversion Near Barney Circle (Anacostia River Tunnel)	018	03/19/2025	*			
95	M Street Approach Channel M and Water St SE (Anacostia River Tunnel)	015, 016, 017	03/10/2025	*			
96	CSO 007 Shaft at 11th St Bridge and DC I-295 SB Diversion Facilities (Anacostia River Tunnel)	007	03/26/2025	*			
97	CSO 005 Diversion at Chicago St Trunk Sewer, I295 SB (Anacostia River Tunnel)	005	03/26/2025	*			
98	Main Pumping Station Diversions (Anacostia River Tunnel)	009 – 012	03/26/2025	*			
99	CSO 009 and 011a Diversion Facilities (Anacostia River Tunnel)	009, 011a	03/25/2025	*			
100	CSO 012 Diversion Facilities (Anacostia River Tunnel)	012	03/17/2025	*			
101	Main Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	N/A	03/11/2025	*			
102	Anacostia Main Interceptor Diversion Chamber	N/A	03/11/2025	*			
103	Poplar Point PS Emergency Overflow Chamber (Anacostia River Tunnel)	N/A	03/11/2025	*			
104	Poplar Point PS Discharge Chamber	N/A	03/11/2025	*			
105	Potomac Outfall Sewer Diversion Chamber (Anacostia River Tunnel)	003A	03/26/2025	*			
106	R Street Diversion Chamber (RS-DC) and R Street Drop Shaft (RS-DS)	019	03/18/2025	*			
107	Florida Avenue Diversion Chamber (FLA-DC), Florida Avenue Drop Shaft (FLA-DS)	019	03/18/2025	*			
108	T Street Junction Chamber (TS-JC), T Street Drop Shaft (TS-DS)	019	03/18/2025	*			
109	4th Street NE Diversion Chamber (4S-DC), 4th Street Drop Shaft (4S-DS)	019	03/18/2025	*			
110	Rhode Island Avenue Diversion Chamber (RIA-DC), Rhode Island Avenue Drop Shaft (RIA-DS)	019	03/18/2025	*			
111a	Mount Olivet Road Junction Chamber (MOR-JC)	019	03/18/2025	*			
111b	Mount Olivet Road Diversion Chamber (MOR-DC)	019	03/18/2025	*			
111c	Mount Olivet Road Drop Shaft (MOR-DS)	019	03/18/2025	*			

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	03/26/2025	*		*		*		*		
005	Across from Navy Yard, aligned with Parsons Ave., SE	03/21/2025	*		*		*		*		
006[1]	Good Hope Road and Welsh Memorial Bridge	N/A									
007	Between 11th St. and Anacostia Bridges, SE	03/21/2025	*		*		*		*		
009	O St. Sewage Pumping Station, SE	03/19/2025	*		*		*		*		
010	O St. Sewage Pumping Station, SE	03/19/2025	*			*			*		
011	Main Sewage Pumping Station, SE	03/19/2025	*			*			*		
011a	Main Sewage Pumping Station, SE	03/19/2025	*		*		*		*		
012	Main Sewage Pumping Station, SE	03/19/2025	*		*		*		*		
013	Southeast Federal Center, aligned with 4th St.	03/19/2025	*		*		*		*		
014	Navy Yard, aligned with 6th St., SE	03/19/2025	*		*		*		*		
015	Navy Yard, aligned with 9th Street, SE	03/19/2025	*			*			*		
016	12th and O Streets, SE	03/19/2025	*		*		*		*		
017	M and Water Street, SE	03/19/2025	*		*		*		*		
018	East of Barney Circle & South of Pennsylvania Avenue Bridge, SE	03/19/2025	*		*		*		*		
019	Adjacent to Service Drive behind swirl facility & D.C. General Hospital	03/19/2025	*		*		*		*		
019a	Adjacent to Service Drive behind swirl facility & D.C. General Hospital (Tunnel Overflow Structure)	03/19/2025	*		*		*		*		
020	Rock Creek Parkway and Independence, NW	03/21/2025	*		*		*		*		
021	Rock Creek Parkway and C St., NW	03/21/2025	*		*		*		*		
022	Rock Creek Parkway and G St., NW	03/21/2025	*		*		*		*		
024	South of 30th and K Streets, NW[1]	03/21/2025	*		*		*		*		
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	03/21/2025	*			*			*		
028	Key Bridge and Whitehurst Freeway, NW	03/21/2025	*			*			*		
029	Adjacent to C&O Canal, aligned with 38th St. NW	03/21/2025	*			*			*		

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	03/28/2025	*			*			*		
033	Across street from St. Francis Jr. High and aligned with N St., NW.	02/24/2025	*		*		*		*		
034	Just west of St. Francis Jr. High and north of N St., NW	03/27/2025	*			*			*		
035	P St. Bridge and Rock Creek Parkway	03/27/2025	*			*			*		
036	22nd Street, South of Q Street NW.	03/28/2025	*		*		*		*		
037[1]	Waterside Dr. and Rock Creek Parkway	N/A									
038	Between arch footbridge and Connecticut Ave., north of Kalorama Circle, NW.	03/07/2025	*		*		*		*		
039	Connecticut Avenue Bridge and Rock Creek Parkway, NW.	03/07/2025	*		*		*		*		
040	Aligned with Biltmore Rd., between Connecticut Ave and Ellington Bridge.	03/07/2025	*		*		*		*		
041	Beach Dr. and Ontario Pl., NW	03/11/2025	*		*		*		*		
042	Harvard St. and Beach Dr NW.	03/11/2025	*		*		*		*		
043	Upstream of Harvard St. and Beach Dr NW.	03/11/2025	*		*		*		*		
044	Kenyon Street and Beach Dr., NW.	03/11/2025	*		*		*		*		
045	North of Beach Dr. and Walbridge Pl, NW.	03/11/2025	*		*		*		*		
046	Piney Branch Parkway and Park Road, NW.	03/12/2025	*			*			*		
047	Piney Branch Parkway and Ingleside Terrace	03/12/2025	*		*		*		*		
048	South of Piney Branch Parkway and 17th St.	03/12/2025	*		*		*		*		
049	North of Piney Branch Parkway and 17th St.	03/12/2025	*		*		*		*		
050	Rock Creek Parkway and L St., NW	03/28/2025	*		*		*		*		
051	Across Rock Creek Pkwy, aligned with Olive St., NW.	03/28/2025	*		*		*		*		
052	Between P & Penna. Ave Bridges, aligned with O Street, NW.	03/28/2025	*		*		*		*		
053[1]	Q St. Bridge and Rock Creek Parkway, NW.	N/A									
054	Massachusetts Ave & Rock Creek Parkway, NW.	03/20/2025	*		*		*		*		
056	Normanstone Dr. and Rock Creek Parkway, NW.	03/20/2025	*		*		*		*		
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	03/28/2025	*		*		*		*		

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	31	3	4	Pump 3	3/1/2025-3/31/2025	Pump taken out of service for planned repairs	25-226406	Anticipated return to service 5/31/25
O Street	31	2	4	None	-	-	-	-
East Side[2]	1	2	4	Pump 1	3/17/25-3/31/25	Motor Overload	25-365638	Anticipated return to service 4/01/25
				Pump 2	3/1/2025-3/31/2025	Fail to start, VFD fault	25-228351	Anticipated return to service 4/03/25
				Pump 4	3/10/25-3/14/25 3/18/25-3/22/25 3/27/25-3/31/25	Motor overload Motor overload Motor overload	25-342009 25-366050 25-382932	Anticipated return to service 5/31/25
Poplar Point	1	2	4	None	-	-	-	-
Potomac[3]	31	4	5	Pump 4	3/1/25-3/31/25	Control board replaced. Motor needed repaired	24-609732	Anticipated return to service 6/01/25
				Pump 1	3/17/25-3/31/25	Leaking solenoid valve	25-379204	Anticipated return to service 4/02/25
				Screen 1	3/1/25-3/31/25	Wiper blade needs to be replaced	25-354614	Anticipated return 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. Oral notice provided to EPA on February 18th, 2025, regarding the loss of firm capacity at the East Side Pumping Station from March 1st, 2025 through March 31st, 2025. The loss of firm capacity did not limit the amount of flow coming into East Side Pumping Station during this time and did not cause any back ups within the sewer system. East Side Pumping Station no longer receives influent from the Northeast Boundary Sewer since the decommissioning of the Northeast Boundary Swirl Facility and Structure 24 Inflatable Dams. East Side Pumping Station receives flow from the 48" East Side Interceptor Relief Sewer, which is from the Upper East Side Interceptor. Structure 24B is the junction chamber upstream of East Side Pumping Station that allows flow to be diverted to the Lower East Side Interceptor to Main Pumping Station. As a consequence, the operational capacity of the East Side Pumping Station was sufficient to handle the reduced flow amounts and did not result in overflows to the Anacostia River.
3. 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	3/20/25	Group A	25-302364	Add oil, grease bearings and replace packing if needed.
O St	3/20/25	Group A	25-336754	Add oil, grease bearings and replace packing if needed.
Eastside	3/14/25	Group A	25-333388	Add oil, grease bearings and replace packing if needed.
Poplar Point	3/27/25	Group A	25-306115	Add oil, grease bearings and replace packing if needed.
Potomac	3/9/25	Group A	25-337442	Add oil, grease bearings and replace packing if needed.
Rock Creek	3/9/25	Group A	25-293568	Add oil, grease bearings and replace packing if needed.
Upper Anacostia	3/14/25	Group A	25-306174	Add oil, grease bearings and replace packing if needed.
Earl Place	3/14/25	Group A	25-249943	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]	641.8272*	20.70*	N/A
O St[1,2]	128.6605	4.15	N/A
Eastside	101.6176	3.28	N/A
Poplar Point	296.72	9.57	N/A
Potomac	3308.5016	106.73	N/A
Rock Creek	3.7558	0.1212	N/A
Upper Anacostia	31.999	1.03	N/A
Earl Place	0.1033	0.0033	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.

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	3/12/25	**Yes**	**3/12/25**	**Note 5**	**3/12/25**
	3/17/25	**No**	**N/A**	**N/A**	**N/A**
	3/19/25	**Yes**	**3/19/25**	**Note 9**	**3/19/25**
15A	3/17/25	**No**	**N/A**	**N/A**	**N/A**
16 – East	N/A	**No**	**N/A**	**Note 1**	**N/A**
	3/17/25	**Yes**	**3/17/25**	**Note 8**	**3/17/25**
16 – West	N/A	**No**	**N/A**	**Note 1**	**N/A**
	3/17/25	**Yes**	**3/17/25**	**Note 8**	**3/17/25**
34	N/A	**No**	**N/A**	**Note 1**	**N/A**
	3/5/25	**Yes**	**3/5/25**	**Note 2**	**3/5/25**
	3/6/25	**Yes**	**3/6/25**	**Note 3**	**3/6/25**
	3/14/25	**Yes**	**3/14/25**	**Note 7**	**3/14/25**
	3/17/25	**No**	**N/A**	**N/A**	**N/A**
35	3/25/25	**No**	**N/A**	**N/A**	**N/A**
52	N/A	**No**	**N/A**	**Note 1**	**N/A**
	3/10/25	**Yes**	**3/10/25**	**Note 4**	**3/10/25**
	3/14/25	**Yes**	**3/14/25**	**Note 6**	**3/14/25**
	3/17/25	**No**	**N/A**	**N/A**	**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. On 3/5/25 Structure 34 deflated around 7:52 am due to contractor presence 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.
3. On 3/6/25 Structure 34 deflated around 9:16 am due to line blockage. Instrumentation was notified, and the structure was reinflated and returned to service within four minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
4. On 3/10/25 Structure 52 deflated around 12:31 pm due to the presence of operators cleaning the sump pump discharge line. Instrumentation was notified, and the structure was reinflated and returned to service within nine minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.

5. On 3/12/25 Structure 15 deflated around 7:20am due to a fault in the BFV-4 valve. Instrumentation was notified, and the structure was reinflated and returned to service within five hours. This was not an overflow to the river as the upstream levels were lower than the low-level threshold. See wo# 25 352772
6. On 3/14/25 Structure 52 deflated around 7:56am due to the presence of contractors changing air lines within the structure. Instrumentation was notified, and the structure was reinflated and returned to service within two minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
7. On 3/14/25 Structure 34 deflated around 9:30am due to contractor presence in the structure. Instrumentation was notified, and the structure was reinflated and returned to service within twenty minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold.
8. On 3/17/25 Structure 16 East and West deflated around 10:16am during SAM 101 inspection. 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. See WO# #25-363887
9. On 3/19/25 Structure15 deflated due to the presence of operators installing a temporary bypass system. Instrumentation was notified, and the structure was reinflated and returned to service within twenty minutes. This was not an overflow to the river as the upstream levels were lower than the low-level threshold. See WO# 25-368021.

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[1]	*3/31/25*	*42mins*	*Deflated*
52	*None*	*N/A*	*Inflated*
Structures on Outfall Sewers	*Overflow Dates*	*Estimated Duration of Overflow*	*N/A*
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:
1. Please reference letter dated March 31st, 2025, to the EPA for deflations that occurred due to wet weather and equipment unavailability.

3. DRY WEATHER OVERFLOWS

There was no dry weather combined sewer overflow reported during March 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	8	7	7	22	22	29	29
2	2849	2650	490	70	3	22	22	21	16	43	38
3	3724	184	0	0	0	13	0	38	0	51	0
4	3554	1769	0	0	0	29	29	0	0	29	29
5	4076	1750	1686	17	0	23	15	42	0	65	15
6	3411	2750	2737	685	11	26	24	5	5	31	29
7	3914	43	43	15	0	475	0	2266	0	2741	0
8	2938	214	214	6	0	1062	6	296	0	1358	6
Grand Total	**25935**[1]	**10804**[1]	**5831**[1]	**1150**	**22**	**1657**	**103**	**2690**	**43**	**4347**	**146**
% Cleaned/Inspected to Date				**20%**	**0%**					**17%**	**1%**

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	03/07/2025	Good	None	Routine Cleaning	(1)
Bar Rack CSO 041	03/11/2025	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	10
Reason not Operating	Maintenance, wind, low water levels.
# Skimmer in Fleet	3 Skimmers
# Skimmers Out of Service	None
Dates	N/A
Reason	N/A
Plan to Restore to Service	N/A
Amount Material Collected	3 tons this month. Calendar year to date 5 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)	3/20/25	X		25-357226		
Bar Racks at Main Storm Pumps (CSO 011)	3/20/25	X		25-357219		

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
3/1/2025	0	0	0	0	0
3/2/2025	0	0	0	0	0
3/3/2025	0	0	0	0	0
3/4/2025	0	0	0	0	0
3/5/2025	0.67	0.77	0.72	0.72	0.70
3/6/2025	0	0	0	0	0
3/7/2025	0	0	0	0	0
3/8/2025	0	0	0	0	0
3/9/2025	0	0	0	0	0
3/10/2025	0	0	0	0	0
3/11/2025	0	0	0	0	0
3/12/2025	0	0	0	0	0
3/13/2025	0	0	0	0	0
3/14/2025	0	0	0	0	0
3/15/2025	0	0	0	0	0
3/16/2025	0.26	0.24	0.16	0.26	0.21
3/17/2025	0.08	0.07	0.10	0.06	0.07
3/18/2025	0	0	0	0	0
3/19/2025	0	0	0	0	0
3/20/2025	0.39	0.39	0.43	0.32	0.37
3/21/2025	0	0	0	0	0
3/22/2025	0	0	0	0	0
3/23/2025	0	0	0	0	0
3/24/2025	0.07	0.07	0.12	0.06	0.14
3/25/2025	0	0	0	0	0
3/26/2025	0	0	0	0	0
3/27/2025	0	0	0	0	0
3/28/2025	0	0	0	0	0
3/29/2025	0	0	0	0	0
3/30/2025	0	0	0	0	0
3/31/2025	0.90	0.75	0.92	1.09	1.00
TOTAL	**2.37**	**2.29**	**2.45**	**2.51**	**2.49**

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 March 2025 Report.

District of Columbia Water and Sewer Authority

Combined Sewer System Model Results
Period: Q1 2025 ALL
SCENARIO: QuarterlyReport_2025Q1_ALL, produced on 3 April 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	4	3.29	5.25	1.31	2.00	0.25
021	Northeast ofRoosevelt Bridge, NW	Modeled	5	25.44	6.25	1.25	2.00	0.50
022	27th and K Streets, NW	Modeled	7	0.43	18.50	2.64	5.50	0.50
024	30th and K Streets, NW	Modeled	12	1.03	97.25	8.10	25.00	1.25
025	31st & K St NW	separated						
026	Wisconsin Avenue andK St., NW	separated						
027	Water Street West ofStreet, NW	Modeled	7	1.91	14.75	2.11	4.00	0.50
028	36th and M Streets, NW	Modeled	12	2.08	100.75	8.40	25.25	1.25
029	Canal Road 1000 feet east of Rock Creek,NW	Modeled	11	1.93	33.75	3.07	10.00	0.25
	SUBTOTAL			**36.09**				
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	6	0.09	8.00	1.33	3.50	0.25
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	0	0.00	0.00	0.00	0.00	0.00
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	0	0.00	0.00	0.00	0.00	0.00
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	0	0.00	0.00	0.00	0.00	0.00
049	Piney Branch and LamontStreet, NW	Modeled	1	0.63	0.50	0.50	0.50	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			**0.71**				
	TOTAL			**36.81**				

District of Columbia Water and Sewer Authority

Combined Sewer System Model Results
Period: Q1 2025 ALL
SCENARIO: QuarterlyReport_2025Q1_ALL, produced on 3 April 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)

Prepared by: Greeley and Hansen LLC and Limno-Tech, Inc.