

DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

Board of Directors

DC Retail Water and Sewer Rates Committee

Tuesday, October 24, 2023 9:30 a.m.

+1 202-753-6714, 949520166#

Microsoft Teams Meeting Join on your computer, mobile app <u>Click here to join the meeting</u> Meeting ID: 261 914 301 040 Passcode: ZLcBLy Or call in (audio only)

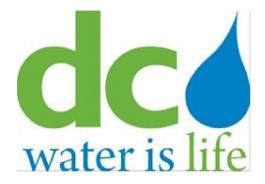
Phone Conference ID: 949 520 166#

1.	Call to Order	Rachna Bhatt, Chairperson
2.	Roll Call	Michelle Rhodd
3.	Monthly Report to DC Retail Water & Sewer Rates Committee (Attachment A) .	Syed Khalil
4.	Affirmation of DC Water's High Bond Ratings (Attachment B)	Ivan Boykin
5.	Storm Water Cost Recovery Presentation (Attachment C)	John Davis
6.	 DC Retail Water and Sewer Rates Committee Workplan (Attachment D) FY 2023 Proposed DC Retail Water and Sewer Rates Committee Workplan FY 2024 Proposed DC Retail Water and Sewer Rates Committee Workplan 	Syed Khalil
7.	Agenda for November 14, 2023, Committee Meeting (Attachment E)	Rachna Bhatt, Chairperson
8.	Other Business	Syed Khalil
9.	Executive Session*	
10	.Adjournment	Rachna Bhatt, Chairperson

*The DC Water Board of Directors may go into executive session at this meeting pursuant to the District of Columbia Open Meetings Act of 2010, if such action is approved by a majority vote of the Board members who constitute a quorum to discuss: matters prohibited from public disclosure pursuant to a court order or law under D.C. Official Code § 2-575(b)(1); contract negotiations under D.C. Official Code § 2-575(b)(2); legal, confidential or privileged matters under D.C. Official Code § 2-575(b)(4); collective bargaining negotiations under D.C. Official Code § 2-575(b)(5); facility security under D.C. Official Code § 2-575(b)(8); disciplinary matters under D.C. Official Code § 2-575(b)(5); personnel matters under D.C. Official Code § 2-575(b)(10); proprietary matters under D.C. Official Code § 2-575(b)(11); train and develop members of a public body and staff under D.C. Official Code § 2-575(b)(12); decision in an adjudication action under D.C. Official Code § 2-575(b)(13); civil or criminal matters where disclosure to the public may harm the investigation under D.C. Official Code § 2-575(b)(14), and other matters provided in the Act.

DC Retail Water and Sewer Rates Committee - 3. Monthly Report to DC Retail Water & Sewer Rates Committee (Attachment A) - Syed Khalil

ATTACHMENT A



Fiscal Year 2023

Monthly Report to DC Retail Water and Sewer Rates Committee

Period Ending September 30, 2023

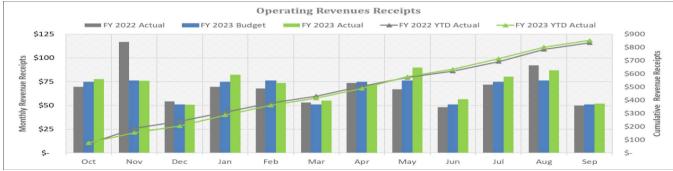
DEPARTMENT OF FINANCE

Matthew T. Brown, CFO & Executive Vice President, Finance, Procurement and Compliance Syed Khalil, Vice President, Rates & Revenue **Fiscal Year-to-Date**

Monthly Report to DC Retail Water and Sewer Rates Committee

	As of September 30, 2023												
Operating I	Revenues (\$000's)												
FY 2022													
Actual			Year-to	Projections									
Total		Annual		% of	Variance \$	Variance %	Year-End	% of					
Annual	CATEGORY	Budget	Actual	Budget	Fav(Unfav)	Fav(Unfav)	Projections	Budget					
\$451,336	Residential / Commercial / Multi-Family*	\$476,456	\$490,822	103.0%	\$14,366	3.0%	\$485,387	101.9%					
77,112	Federal	84,768	83,839	98.9%	(929)	(1.1%)	83,839	98.9%					
21,055	Municipal (DC Govt.)	23,203	21,495	92.6%	(1,708)	(7.4%)	21,198	91.4%					
13,210	DC Housing Authority	14,208	15,801	111.2%	1,593	11.2%	16,371	115.2%					
23,134	Metering Fee	24,083	24,104	100.1%	21	0.1%	24,086	100.0%					
42,079	Water System Replacement Fee (WSRF)	39,717	42,407	106.8%	2,690	6.8%	41,746	105.1%					
84,899	Wholesale	104,560	105,250	100.7%	690	0.7%	104,560	100.0%					
22,630	PILOT/ROW	23,070	23,760	103.0%	690	3.0%	23,311	101.0%					
98,140	All Other	52,377	45,856	87.6%	(6,521)	(12.4%)	44,957	85.8%					
\$833,594	TOTAL	\$842,442	\$853,333	101.3%	\$10,891	1.3%	\$845,454	100.4%					

* Residential, Commercial & Multi-family receipts include credits for October 2022 through September 2023 for DC Water Cares Residential (\$2,964,072), DC Water Cares Multi-family (\$2,135,750), and District's CAP3 (\$6,942) and Non-profit (\$882,682).



VARIANCE ANALYSIS FOR MAJOR REPORTED ITEMS

At the end of September 2023, cash receipts totaled \$853.3 million, or 101.3 percent of the FY 2023 Revised Budget. The YTD Revised Budgeted receipts were \$842.4 million. The total receipts for September were \$52.1 million as compared to the budgeted \$52.6 million. Several categories of customers make payments on a quarterly basis, including the Federal Government who made their fourth quarterly payment in July, and wholesale customers (who made fourth quarterly payment in August 2023).

Areas of Over-collection	Areas of Under-collection
Residential, Commercial and Multi-Family – Receipts for this category are higher at \$490.8 million or 103.0 percent of the Revised Budget. The September 2023 receipts were slightly lower by \$0.8 million, or 1.9 percent as compared to the monthly Budget of \$39.7 million. <u>DC Housing</u> - Receipts are slightly higher at \$15.8 million or 111.2 percent of the Revised Budget. The September 2023 receipts are slightly higher by three thousand as compared to the monthly Budget of \$1.2 million. <u>Wholesale</u> – The receipts were \$105.3 million or 100.7 percent of the Revised Budget. <u>PILOT/ROW</u> – The receipts for PILOT/ROW are slightly higher at \$23.8 million or 103.0 percent of the Revised Budget. The September 2023 receipts are higher by \$ 0.1 million as compared to the monthly budget of \$1.7 million.	<u>Federal</u> - Actual receipts through September 2023 total \$83.8 million or 98.9 percent of the Revised Budget. The Federal government made their fourth quarter payment in July 2023. The lower actual Federal receipt is due to disputed accounts of Soldiers Home. <u>District Government</u> – Receipts are lower at \$21,5 million or 92.6 percent of the Revised Budget. The lower receipts are mainly due to lower consumption as compared to the budget. The September 2023 receipts are slightly higher at \$2.2 million as compared to the monthly Budget of \$1.9 million. <u>Other Revenue</u> - Receipts are lower at \$45.9 million or 87.6 percent of the Revised Budget. This is due to lower receipts for Interest Earnings, System Availability Fee and Washington Aqueduct Backwash. The September 2023 receipts are lower at \$2.9 million as compared to the revised budget of \$3.4 million

As of September 30, 2023

0	perating	Revenues	Detail
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Revenue Category	FY 2023 Budget	YTD Budget	Actual	Variance Favorable / (Unfavorable)		Actual % of Budget	Year-End Projections	Variance Proj vs Budg \$8.9	% of Budge
Residential, Commercial, and Multi-family	\$476.5	\$476.5	\$490.8	\$14.4	3.0%	103.0%	\$485.4		101.9%
Federal	84.8	84.8	83.8	(0.9)	-1.1%	98.9%	83.8	(0.9)	98.9%
District Government	23.2	23.2	21.5	(1.7)	-7.4%	92.6%	21.2	(2.0)	91.4%
DC Housing Authority	14.2	14.2	15.8	1.6	11.2%	111.2%	16.4	2.2	115.2%
Customer Metering Fee	24.1	24.1	24.1	0.0	0.1%	100.1%	24.1	0.0	100.0%
Water System Replacement Fee (WSRF)	39.7	39.7	42.4	2.7	6.8%	106.8%	41.7	2.0	105.1%
Wholesale	104.6	104.6	105.2	0.7	0.7%	100.7%	104.6	(0.0)	100.0%
Right-of-Way Fee/PILOT	23.1	23.1	23.8	0.7	3.0%	103.0%	23.3	0.2	101.09
Subtotal (before Other Revenues)	\$790.1	\$790.1	\$807.5	\$17.5	2.2%	102.2%	\$800.5	\$10.4	101.3%
IMA Indirect Cost Reimb. For Capital Projects	4.5	4.5	\$4.6	0.1	2.2%	102.2%	4.4	(0.1)	97.8%
DC Fire Protection Fee	11.5	11.5	11.5	0.0	0.0%	100.0%	11.5	0.0	100.09
Stormwater (MS4)	1.1	1.1	1.0	(0.1)	-9.1%	90.9%	1.1	0.0	100.0%
Interest	7.6	7.6	6.4	(1.2)	-15.8%	84.2%	5.8	(1.8)	76.3%
Developer Fees (Water & Sewer)	8.0	8.0	10.6	2.6	32.5%	132.5%	9.7	1.7	121.39
System Availability Fee (SAF)	7.7	7.7	5.1	(2.6)	-33.8%	66.2%	4.7	(3.0)	61.0%
Washington Aqueduct Backwash	4.6	4.6	0.2	(4.4)	-95.7%	4.3%	0.6	(4.0)	13.0%
Others	7.4	7.4	6.4	(1.0)	-13.5%	139.1%	7.0	(0.4)	94.6%
Subtotal	\$52.4	\$52.4	\$45.8	(\$6.6)	-12.6%	87.4%	\$45.0	(\$7.4)	85.8%
Rate Stabilization Fund Transfer	\$0.0	\$0.0	\$0.0	\$0.0	0.0%	0.0%	\$0.0	\$0.0	0.0%
Other Revenue Subtotal	\$52.4	\$52.4	\$45.8	(\$6.6)	-12.6%	87.4%	\$45.0	(\$7.4)	85.8%
Grand Total	\$842.4	\$842.5	\$853.3	\$10.8	1.3%	101.3%	\$845.5	\$3.0	100.4%

BREAKDOWN OF RETAIL RECEIPTS BY CUSTOMER CATEGORY (\$ in 000's)

			Clean Rivers			
Customer Category	Water	Sewer	IAC	Metering Fee	WSRF	Total
Residential	\$42,455	\$66,965	\$25,245	\$10,768	\$9,605	\$155,038
Commercial	81,806	92,621	30,974	7,148	16,698	229,248
Multi-family	54,778	84,253	11,726	3,514	7,852	162,123
Federal	30,882	35,105	17,852	1,569	5,810	91,218
District Govt	5,943	8,041	7,511	841	2,025	24,362
DC Housing Authority	5,949	8,813	1,038	262	415	16,479
Total:	\$221,814	\$295,797	\$94,346	\$24,104	\$42,407	\$678,467

Note: The breakdown of Collections into Residential, Commercial, & Multi-family and Water and sewer is approximate as

it is based on percentages of historical data and does not take into account adjustments and timing differences

Clean Rivers IAC - Actual vs Budget (\$ in 000's)

				Variance		
	FY2023	Year-To-Date	Actual	Favorable /	Variance %	Actual %
Customer Category	Budget	Budget	Received	<unfavorable></unfavorable>	of YTD Budget	of Budget
Residential	\$24,093	\$24,093	\$25,245	\$1,152	5%	105%
Commercial	28,572	28,572	30,974	2,402	8%	108%
Multi-family	11,637	11,637	11,726	89	1%	101%
Federal	18,438	18,438	17,852	(586)	-3%	97%
District Govt	7,680	7,680	7,511	(169)	-2%	98%
DC Housing Authority	1,006	1,006	1,038	32	3%	103%
Total:	91,426	91,426	94,346	2,920	3%	103%

Fiscal Year-to-Date As of September 30, 2023

Retail Accounts Receivable (Delinquent Accounts)

The following tables show retail accounts receivable over 90 days (from the billing date) including a breakdown by customer class.

Greater Than 90 Days by Month

	\$ in millions	# of accounts
September 30, 2012	\$5.5	13,063
September 30, 2013	\$4.9	11,920
September 30, 2014	\$5.3	12,442
September 30, 2015	\$6.5	11,981
September 30, 2016	\$7.7	12,406
September 30, 2017	\$8.4	11,526
September 30, 2018	\$13.4	16,273
September 30, 2019	\$10.6	8,744
September 30, 2020	\$17.9	13,775
September 30, 2021	\$26.3	13,065
September 30, 2022	\$29.1	12,168
October 31, 2022	\$29.4	12,370
November 30, 2022	\$29.7	12,689
December 31, 2022	\$31.0	13,465
January 31, 2023	\$30.1	13,170
February 28, 2023	\$30.3	13,031
March 31, 2023	\$29.4	12,739
April 30, 2023	\$29.2	12,506
May 31, 2023	\$28.8	12,354
June 30, 2023	\$28.0	11,457
July 31, 2023	\$28.2	10,889
August 31, 2023	\$27.7	10,495
September 30, 2023	\$28.0	10,420

Notes: The increase in the accounts receivable over 90 days (from the billing date) is due to the temporary suspension of collections procedures because of the new billing system VertexOne, which was implemented in December 2017. The increase in accounts receivable from March 2020 to September 2022 is primarily due to increased delinquencies and deferred payments due to the impact of COVID-19.

Greater Than 90 Days by Customer

				Λ	Nonth of Sep (A	II Categor	ies)	Total Delinquent				
	٨	lumber of Accounts	;	A	ctive	In	active	Aug Sep				
	W & S	Impervious Only	Total No. of	No. of	Amount	No. of	Amount	No. of	Amount	No. of	Amount	
	a/c	a/c	a/c	a/c	(\$)	a/c	(\$)	a/c	(\$)	a/c	(\$)	%
Commercial	9,051	2,036	11,087	1,125	5,723,508	80	\$309,232	1,216	\$5,977,417	1,205	\$6,032,740	22%
Multi-family	8,688	320	9,008	1,109	13,647,771	25	\$135,224	1,145	\$13,261,899	1,134	\$13,782,995	49%
Single-Family Residential	107,231	2,146	109,377	7,926	8,014,301	155	\$181,065	8,134	\$8,437,292	8,081	\$8,195,366	29%
Total	124,970	4,502	129,472	10,160	\$27,385,581	260	\$625,521	10,495	\$27,676,608	10,420	\$28,011,102	100%

- Reportable delinquencies do not include balances associated with a long-standing dispute between DC Water and a large commercial customer.

- Delinquent accounts (10,420) as a percentage of total accounts (129,472) is 8.0 percent.

- Delinquent impervious only accounts (1,308) as a percentage of total accounts (129,472) is 1.0 percent.

- Delinquent impervious only accounts (1,308) as a percentage of total delinquent accounts (10,420) are 12.6 percent.

- Delinquent impervious only accounts (1,308) as a percentage of total impervious only accounts (4,502) are 29.1 percent.

Fiscal Year-to-Date

As of September 30, 2023

Arrears by Customer Category

-	Ov	Over 30 Days			Over 60 Days			Over 90 Days			
	No. of			No. of			No. of				
-	Accts		(\$)	Accts		(\$)	Accts		(\$)		
Commercial	2,166	\$	8,882,055.26	1,483	\$	6,691,280.48	1,205	\$	6,032,740.44		
Multi-family	1,860	\$	17,524,635.44	1,402	\$	15,317,976.87	1,134	\$	13,782,994.96		
Residential	18,582	\$	11,033,559.12	11,429	\$	9,178,256.05	8,081	\$	8,195,366.42		

Arrears by WARD for Residential Category

	Ov	er 3	0 Days	Ov	er 6	0 Days	Over 90 Days			
	No. of			No. of			No. of			
	Accts		(\$)	Accts		(\$)	Accts		(\$)	
Ward 1	1,234	\$	753,462.30	665	\$	613,012.69	475	\$	555,967.50	
Ward 2	517	\$	182,595.31	320	\$	137,401.16	178	\$	113,905.69	
Ward 3	604	\$	297,198.61	282	\$	208,089.27	169	\$	165,892.79	
Ward 4	3,267	\$	1,849,506.41	1,841	\$	1,485,492.44	1,266	\$	1,319,103.67	
Ward 5	3,763	\$	1,952,294.65	2,346	\$	1,598,180.69	1,675	\$	1,401,181.25	
Ward 6	1,373	\$	720,052.06	845	\$	597,299.14	600	\$	530,128.64	
Ward 7	4,958	\$	3,376,160.20	3,294	\$	2,938,730.01	2,399	\$	2,664,348.85	
Ward 8	2,866	\$	1,902,289.58	1,836	\$	1,600,050.65	1,319	\$	1,444,838.03	
Total	18,582	\$	11,033,559.12	11,429	\$	9,178,256.05	8,081	\$	8,195,366.42	

CAP, CAP2 and CAP3 Customers in Arrears*

	<u> </u>	Days	<u> </u>	ver 60	Days	Over 90 Days			
	No. of			No. of			No. of		
	Accts		(\$)	Accts		(\$)	Accts		(\$)
CAP	1,924	\$	758,132.28	1,278	\$	601,808.86	857	\$	521,233.16
CAP2	96	\$	36,543.93	59	\$	30,753.78	36	\$	27,619.45
CAP3	0	\$	-	0	\$	-	0	\$	-

*Based on number of accounts that have been given credit in Sep 2023.

Customer Arrears Data

CAP Customer Arrears by Ward*

	Over 30 Days			Ov	ver 60	Days	Over 90 Days			
	No. of			No. of			No. of			
	Accts		(\$)	Accts		(\$)	Accts	_	(\$)	
Ward 1	102	\$	73,301.19	73	\$	65,768.26	52	\$	61,601.48	
Ward 2	18	\$	3,997.28	11	\$	3,249.20	9	\$	2,599.06	
Ward 3	9	\$	7 <i>,</i> 099.81	4	\$	6,773.65	2	\$	6,475.21	
Ward 4	252	\$	100,869.41	151	\$	72,717.32	101	\$	64,060.12	
Ward 5	373	\$	120,096.64	252	\$	91,026.05	182	\$	75,653.62	
Ward 6	104	\$	26,029.11	68	\$	19 <i>,</i> 867.13	44	\$	14,937.38	
Ward 7	612	\$	227 <i>,</i> 821.66	417	\$	188,716.56	264	\$	160,931.40	
Ward 8	454	\$	198,917.18	302	\$	153,690.69	203	\$	134,974.89	
Total	1,924	\$	758,132.28	1,278	\$	601,808.86	857	\$	521,233.16	

*Based on number of accounts that have been given credit in Sep 2023.

CAP2 Customer Arrears by Ward*

	Over 30 Days			<u> </u>	ver 60	Days	Over 90 Days			
	No. of			No. of			No. of			
	Accts		(\$)	Accts		(\$)	Accts		(\$)	
Ward 1	1	\$	91.69	1	\$	39.53	0	\$	-	
Ward 2	1	\$	56.24	0	\$	-	0	\$	-	
Ward 3	0	\$	-	0	\$	-	0	\$	-	
Ward 4	15	\$	3,064.51	11	\$	2,346.56	7	\$	1,814.20	
Ward 5	12	\$	2,722.18	7	\$	1,340.57	6	\$	916.51	
Ward 6	2	\$	237.84	1	\$	109.77	1	\$	0.93	
Ward 7	37	\$	25,215.90	24	\$	23,331.83	15	\$	21,912.00	
Ward 8	28	\$	5,155.57	15	\$	3,585.52	7	\$	2,975.81	
Total	96	\$	36,543.93	59	\$	30,753.78	36	\$	27,619.45	

*Based on number of accounts that have been given credit in Sep 2023.

CAP3 Customer Arrears by Ward*

	Over 30 Days			0	/er 60	Days	Over 90 Days		
	No. of			No. of			No. of		
	Accts	_	(\$)	Accts	_	(\$)	Accts		(\$)
Ward 1									
Ward 2									
Ward 3	0	\$	-	0	\$	-	0	\$	-
Ward 4	0	\$	-	0	\$	-	0	\$	-
Ward 5	0	\$	-	0	\$	-	0	\$	-
Ward 6	0	\$	-	0	\$	-	0	\$	-
Ward 7	0	\$	-	0	\$	-	0	\$	-
Ward 8	0	\$	-	0	\$	-	0	\$	-
Total	0	\$	-	0	\$	-	0	\$	-

Based on number of accounts that have been given credit in Sep 2023.

Developer Deposits

Developer Deposits are funds paid to DC Water for plans that are approved by the Permit Operations Department. They include:

- Flat fees for taps, abandonments, sewer connections, etc.
- Reimbursable fees for inspection labor hours charged to the account.
- Deposits held as security against damage and uncharged accounts.
- Miscellaneous non-commercial account items (hydrant use, groundwater dewatering, waste hauler fees, etc.)
- As of September 30, 2023, developer deposits had \$45.41 million in credit balances (liability) and \$11.01 million in debit balances (receivable).

Balances by Year as of September 30, 2023

Credit Balances	Debit				
(Liability)	Balances				
	(Receivables)				
\$45.41 million	\$11.01 million				

			Number of			Number of	
Veer	~	na dit Dalamasa	Accounts with	-	ebit Balances	Accounts with	Not Dolongo
Year	Ľ	redit Balances	Credit	L	epit balances	Debit Balances	Net Balance
			Balances			Debit Balances	
2001	\$	-	-	\$	960,164.05	1	\$ 960,164.05
2002	\$	-	-	\$	1,836.00	2	\$ 1,836.00
2004	\$	(749.61)	1	\$	9,066.08	6	\$ 8,316.47
2005	\$	(389,745.13)	90	\$	268,327.91	89	\$ (121,417.22)
2006	\$	(283 <i>,</i> 990.18)	32	\$	284,522.42	78	\$ 532.24
2007	\$	(151 <i>,</i> 559.96)	31	\$	150,176.99	50	\$ (1,382.97)
2008	\$	(348 <i>,</i> 658.90)	41	\$	192,079.13	49	\$ (156 <i>,</i> 579.77)
2009	\$	(171,624.41)	28	\$	195 <i>,</i> 990.75	45	\$ 24,366.34
2010	\$	(302,803.30)	47	\$	135,725.99	40	\$ (167,077.31)
2011	\$	(475,505.51)	88	\$	405,155.71	55	\$ (70,349.80)
2012	\$	(1,211,360.97)	248	\$	453 <i>,</i> 514.46	90	\$ (757,846.51)
2013	\$	(1,841,648.07)	279	\$	257,250.40	80	\$ (1,584,397.67)
2014	\$	(2,088,300.84)	281	\$	967 <i>,</i> 390.89	62	\$ (1,120,909.95)
2015	\$	(1,620,073.50)	294	\$	263,814.68	37	\$ (1,356,258.82)
2016	\$	(3,081,078.66)	357	\$	525 <i>,</i> 851.41	61	\$ (2,555,227.25)
2017	\$	(2,318,983.28)	429	\$	458,895.60	112	\$ (1,860,087.68)
2018	\$	(4,407,727.30)	517	\$	1,391,499.12	121	\$ (3,016,228.18)
2019	\$	(6,832,953.76)	456	\$	1,639,752.55	171	\$ (5,193,201.21)
2020	\$	(4,725,057.83)	320	\$	584,296.66	140	\$ (4,140,761.17)
2021	\$	(4,790,162.14)	334	\$	612,932.84	151	\$ (4,177,229.30)
2022	\$	(6,196,755.03)	337	\$	617,421.37	161	\$ (5,579,333.66)
2023	\$	(4,171,599.39)	179	\$	631,073.72	104	\$ (3,540,525.67)
Total	\$	(45,410,337.77)	4,389	\$	11,006,738.73	1,705	\$ (34,403,599.04)
Forfeiture Action				-			-
Accounts Forfeited on							
August 16, 2021		(4,838,938.52)	1,011	l			
Accounts Forfeited on							
September 23, 2022		(1,286,705.10)	348	l			
Accounts pending forfeiture							
determination and							
execution.		(5,177,646.04)	885				

Developer Deposits

Customer Communication

Statements are provided to customers when there is activity on the account. To ensure that all customers are aware of the balances, statements are also mailed annually irrespective of whether there is an activity on the account. For the last three years, annual statements were mailed to customers on April 28, 2023, January 25, 2022, and February 25, 2021.

By law, refunds are to be requested by the account owner within two years of completion (DC Code § 34–2401.10). If not requested in that time frame, these accounts can be forfeited and closed. DC Water has placed a statement on invoices beginning in November 2019 notifying customers of the District law and that funds would be forfeited unless a refund is requested within two years of project completion or account inactivity. A notification to customers that is posted on our website indicates that unless a refund was requested, funds would be forfeited for projects without activity for ten years. AOBA and DCBIA have been asked to notify their membership to examine the invoices.

For accounts that were forfeited, zero balance statements were mailed out on Monday, August 16, 2021, and September 21, 2022.

Refund Requests

In response to the annual account statements provided to customers in April 2023, 230 different customers have submitted refund requests, impacting approximately 1321 accounts. Along with new leadership in Permit Operations, we have hired several new staff members and a contractor to expedite the processing of the refunds backlog.

Since October 1, 2022, DC Water has issued refunds for 95 accounts which is approximately \$1,186,977.77 of which 46 accounts (\$518,934.14) were processed from June 2023 to September 2023. We have reviewed and are awaiting information for 119 accounts to issue refunds. Details on the refunds requested and processed will be reported to the DC Retail Water and Sewer Rates Committee and Finance and Budget Committee in future reports.

Payment Plan and Disconnection Report

Fiscal Year-to-Date As of September 30, 2023

Number of Active Accounts by Zip Code & Customer Class

As of Sep 30, 2023

		F	Residential				c	ommercial				١	Aultifamily		
Zip Code	30-Day A/R	Active Plans	Plans Created	Plans Defaulted	Non-Pay Discon.	30-Day A/R	Active Plans	Plans Created	Plans Defaulted	Non-Pay Discon.	30-Day A/R	Active Plans	Plans Created	Plans Defaulted	Non-Pay Discon.*
Total	11,335	1,640	509	493	335	1,434	98	30	12	38	1,389	245	59	57	
20000	1														
20001	461	64	17	18	28	116	12	7	1	2	21	1	1	1	
20002	1,138	162	58	43	30	198	13	2	3	7	217	40	6	2	
20003	303	30	9	9	4	97	1	1			21	6	1		
20004						2	1								
20005	7				1	15	1	1	1		2	1			
20006	1					7					1				
20007	247	17	8	2	2	60	7	3		2	20				
20008	50	5	3	1	2	24	3				4				
20009	186	19	4	2	10	48	5			5	43	11			
20010	349	53	9	16	16	54	4	2	1	2	30	3	1	2	
20011	1,619	255	79	75	60	161	15	4	2	3	103	19	4	7	
20012	322	65	22	21	12	66	4	1		2	11	1			
20015	90	12	2	6	8	4	1	1			2				
20016	132	16	3	4	4	66	3				2	1			
20017	590	92	26	36	8	60	4	1	1		26				
20018	806	115	32	35	15	97	4	1		9	26	8	1	1	
20019	2,562	350	116	127	64	158	6	2	1	2	310	58	13	9	
20020	1,605	208	80	62	37	79	4	2	1	2	337	69	25	18	
20024	36	6	2		4	18	1				12	1	1	2	
20032	823	171	39	35	28	76	4	2	1		194	26	6	14	
20036	1					16	4				3				
20037	5			1	2	8	1			2	4			1	
20057						3									
20433						1									
20770	1														

*Note: inactive accounts in arrears are not included in the above and the accounts by customer class are as follows: Res. 319, Com. 111 and MF 80

*Note: Disconnect Work Orders for Multi-Family Properties were created and not assigned for field completion but are manually managed for further collection actions

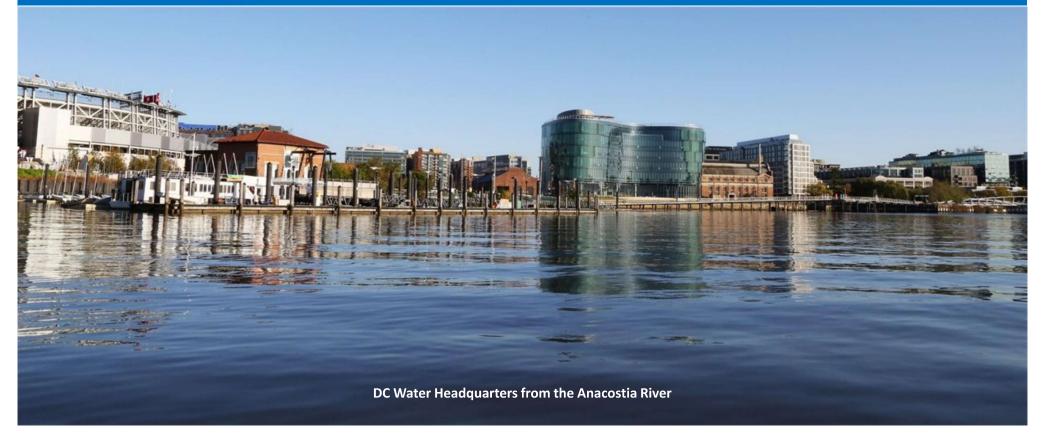


Affirmation of DC Water's High Bond Ratings

ATTACHMENT B

Presentation to Retail Water and Sewer Rates Committee, October 26, 2023 Ivan Boykin, Vice President, Finance

District of Columbia Water and Sewer Authority





Inform the Committee of the affirmation of DC Water's high bond ratings from Standard and Poors (S&P) and Moody's Investor's Service (Moody's)



Annual Surveillance Results

- Standard and Poors and Moody's have re-affirmed DC Water's high Bond Ratings:
 - S&P: AAA for Senior Lien and AA+ on Subordinate Lien Bonds
 - Moody's: Aal for Senior Lien and Aa2 on Subordinate Lien Bonds
- The ratings reflect DC Water's strong management, financial results, and robust service area
 - High ratings also help keep borrowing costs low for ratepayers
 - DC Water will borrow \$2.7 billion over the next ten years to implement the \$7.0 billion capital program





The Moody's report notes:

- Strengths:
 - Large service area bolstered by its high income and high wealth base with significant institutional presence
 - Strong financial metrics reflective of service area stability and willingness by the authority to raise rates
- Challenges:
 - Above average leverage relative to authority revenue
 - Financing capital investments will require continued rate increases
- Factors that could lead to an upgrade
 - Continued revenue growth that moderates the authority's leverage burden
- Factors that could lead to a downgrade
 - Weakened debt service coverage or liquidity
 - Departure from strong management practices, including the routine adjustment of rates
 - Substantial growth in capital improvement needs that increases the authority's debt burden



The S&P report notes:

- Healthy financial margins with coverage that has averaged 1.9x during the past three years and is expected to remain robust, supported by its 10-year rate plan (which included a 6% adjustment in 2023)
- **Best in class financial and operational management** that addresses emerging risks through a combination of prudent rate increases, customer service programs, and strategic planning that balances financial performance with important considerations such as affordability, resiliency, and adaptation
- Very high and **thoughtfully maintained liquidity and reserves** based on potential contingencies
- Large, affluent, and economically diverse **service area** which provides water and wastewater to 700,000 district residents and several large anchor customers, including the federal government
- **Relatively high leverage** (though not for a system of this size and age) which is expected to remain elevated given the \$7.0 billion capital plan (only \$2.7 billion of which is debt financed)



Additional Highlights

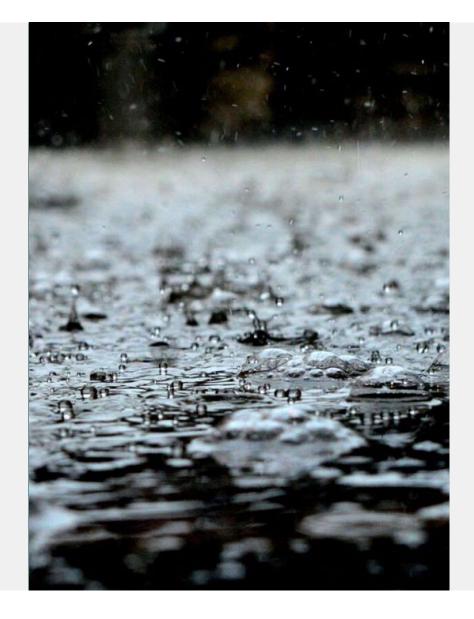
- Additional report highlights:
 - **Customer Assistance.** Continued rate increases and varied customer service programs are expected to support its continued strong financial performance while maintaining affordability for lower-income ratepayers (S&P)
 - Rates, Capital Plan, and Financial Metrics. We also expect the authority will continue to make rate adjustments necessary to accommodate growing debt service costs while investing in the infrastructure of the system (Moody's)
 - Environmental, Social, and Governance (ESG) and Risk Mitigation. DC Water has elevated environmental risks relative to its peers, but we believe its management offsets the exposure. In addition, we believe management has the acumen and strategic plan to mitigate and adapt to challenges related to climate change and other environmental, social, and governance (ESG) considerations (S&P)
 - **Pensions and OPEB**. The authority has no unfunded defined benefit pension or OPEB liability (Moody's)
 - Rates. The board has ultimate authority to set rates and needs no additional approvals (Moody's)

DC Water Stormwater Risk Analysis & COS Recovery

Final Presentation

October 24, 2023





2

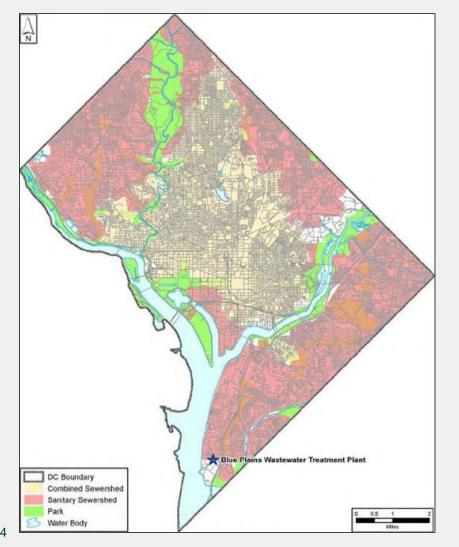
Agenda

- **1.** Study Objectives
- 2. Background & Available Data
- **3.** Stormwater Responsibilities
- 4. Cost Development
- 5. O&M Costs
- 6. Capital Costs
- 7. Recommendations



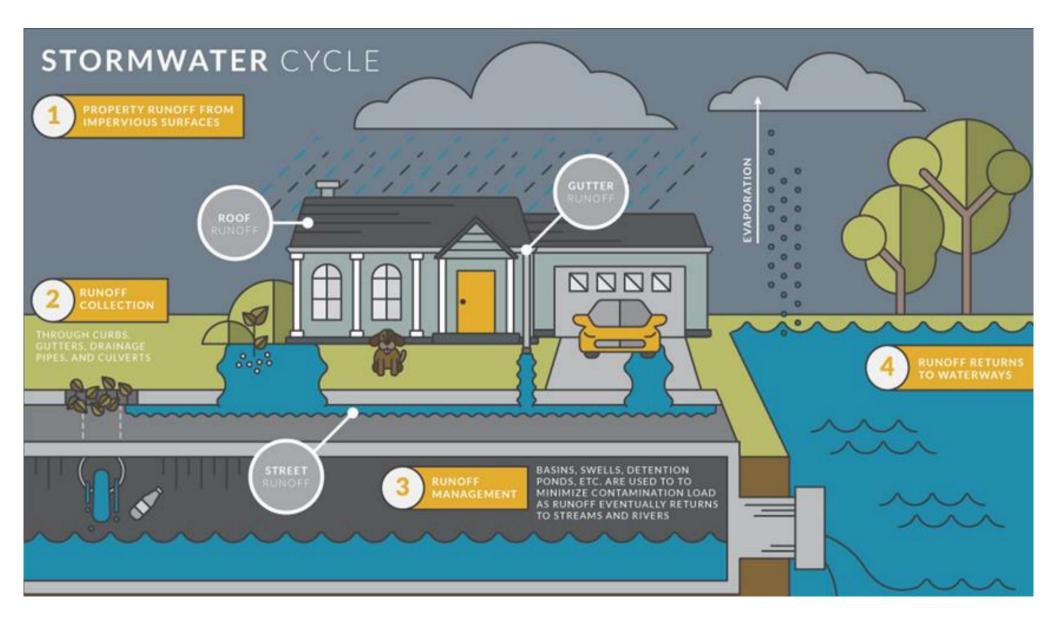
Ownership of the stormwater system in the District and compliance with MS4 permit requirements are shared between District departments and DC Water. This Study will attempt to answer:

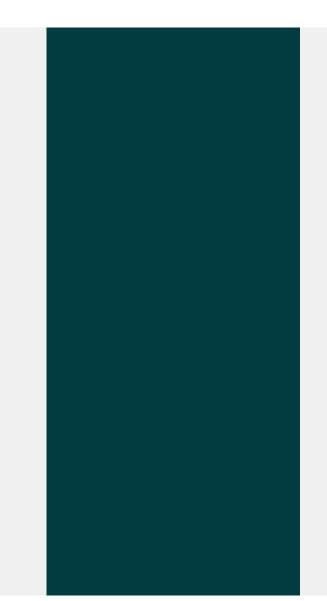
- Which responsibilities fall to DC Water?
- Is the system operated, maintained, and recapitalized in a sustainable manner?
- What are the costs of fulfilling those responsibilities?
- How should those costs be recovered through retail rates and charges?
- How would costs of additional responsibilities passed to DC Water impact retail ratepayers?



Stormwater Background

- Combined sewers treated at Blue Plains
 - 20 square miles
 - Total about 593 miles of piping
 - Average age is 75 years old
 - Cost recovery through CRIAC and Sewer Volumetric Rate
- Separated sewers discharged to surface waters without treatment
 - 41 square miles
 - Total about 580 miles of piping
 - Average age is 75 years old
 - Cost recovery through Sewer Volumetric Rate (currently)





Available Data

- Sewer System Asset Management Plan (2017 SSAMP) including combined and separated sewer categories
- DC Water O&M data (2016-2023)
- FY 2024 Adopted Operating and Capital Budgets
- Additional Data
 - MS4 permit
 - DC Water enabling legislation
 - Stormwater MOU
 - US EPA Settlement Agreement



Stormwater Responsibilities

- Defined in Municipal Separate Storm Sewer System (MS4) permit (originally 2000, reissued 2018)
- District is permittee
- US EPA Settlement Agreement and DOEE Stormwater Management Plan in 2013
- Responsibilities identified in MOU between District and DC Water (2000)
- We assumed that combined sewer costs will be recovered through CRIAC and therefore we are only looking at separated sewer costs

Responsibility Matrix

Stormwater Facility	Responsible Party	Stormwater Facility	Responsible Party		
Topography, gutters, and su drainage	rface configuration for	Stormwater pipes, manholes, junction structures outfall structures, inlet structures, outlet structures and appurtenances, exclusive of culverts			
In right of way	DDOT	In right of way	Site specific depending on location, but the majority is		
In public space not in right of way	District or Federal agency with jurisdiction	In public space not in right of	the responsibility of DC Wat District or Federal agency		
Private space	Landowner	way Private space	with jurisdiction		
Catch Basins and Inlets		Culverts, where primary function is to convey stream			
	Site specific depending on	(intermittent or continuous),	with incidental stormwater		
In right of way	location. Majority are DC Water	In right of way	DDOT		
In public space not in right of way	District or Federal agency with jurisdiction	In public space not in right of way	District or Federal agency with jurisdiction		
Private space	Landowner	Private space	Landowner		

Responsibility Matrix

Stormwater Facility	Responsible Party	Stormwater Facility	Responsible Party			
Open channel/ditches that a conveyances	re primarily stormwater	Laterals from properties to stormwater conveyance or open channels				
In right of way	DC Water	In public right of way	DC Water			
In public space not in right of	District or Federal agency	Private space	Landowner			
way	with jurisdiction	Underdrains				
Private space	Landowner	To drain invert of storm sewer that DC Water is responsible for	DC Water			
Open channel/ditches/pipes springs, with incidental store	that are primarily streams or mwater	In right of way	DDOT			
In right of way	DDOT	In public space not in right of way	District or Federal agency with jurisdiction			
in light of way	5501	Private space	Landowner			
In public space not in right of	District or Federal agency	Stormwater controls				
way Private space			DOEE			
Private space	Landowner	outlets to address water quality impairments	DOEE			

DC Water Summary of Responsibilities

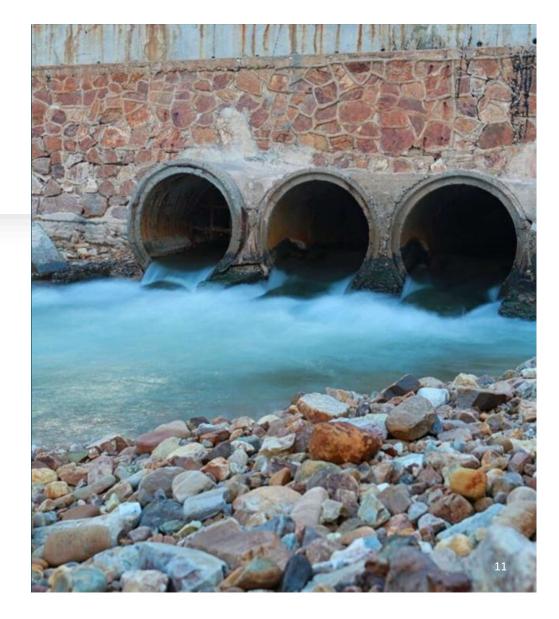


- Majority of Catch Basins and Inlets in Right of Way
- Majority of Stormwater pipes, manholes, junction structures, outfall structures, inlet structures, outlet structures and appurtenances, exclusive of culverts in Right of Way
- Open channel/ditches that are primarily stormwater conveyances in Right of Way
- Laterals from properties to stormwater conveyance or open channels in Public Right of Way
- To drain invert of storm sewer that DC Water is responsible for

Stormwater Cost Categories

 Operating and capital costs for separated stormwater management

- Catch basins and inlets
- Pump stations
- Piping
- Outfalls
- Other stormwater programs
- Documentation of historical and anticipated costs varied by category



Operations and Maintenance

- Sewer and stormwater O&M are not tracked separately
- Sizeable differences
 between data sources
- Contingencies capture variations/additional needs

System/ Activity			Range Costs
		Low (-25%)	High (+25%)
Catch Bains/Inlets	\$ 4,361,870	\$ 3,271,400	\$ 5,452,340
Stormwater Pipes	\$ 1,141,140	\$ 855,860	\$ 1,426,430
Pump Stations	\$ 1,421,454	\$ 1,066,090	\$ 1,776,820
Outfalls	-	-	-
Programs	-	\$ 600,000	\$ 1,000,000
Total Estimated An	nual Costs	\$ 5,793,350	\$ 9,655,590

Capital Improvement

- Capital costs map more closely to assets
- Some costs reflect needs assessment vs. renewal and replacement
- Contingencies capture variations/future renewal

System/ Activity	Estimated Annual Capital Improvement	Estimated Range of Annual Costs				
	Program Costs	Low (-25%)	High (+25%)			
Catch Bains/Inlets	\$ 2,180,935	\$ 1,635,700	\$ 2,726,170			
Stormwater Pipes	\$ 8,432,900	\$ 6,324,680	\$10,541,130			
Pump Stations (after FY 2027)	\$ 1,627,000	\$ 1,220,250	\$ 2,033,750			
Outfalls	\$ 4,000,000	\$ 3,000,000	\$ 5,000,000			
Programs	-	-	-			
Total Estimated An	nual Costs	\$ 12,180,630	\$ 20,301,050			

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Conclusions & Recommendations

1. Impervious area is best practice for apportioning stormwater costs

Recommendations:

15

- A. Switch from volumetric rate to impervious area-based methodology for stormwater cost recovery
- B. Options include stand-alone DC Water stormwater fee, inclusion with District stormwater fee, or inclusion with CRIAC
- C. Costs allocated to IAC reduce the sewer volumetric rate



2. Better cost data would facilitate more accurate cost of service

Recommendations:

- A. Modify accounting practices to better capture breakdown between sewer and stormwater costs
- B. A "placeholder" charge may be calculated during the FY 2025-26 COS Study to begin stormwater cost recovery – better cost capture would allow charge to be finetuned in a future COS Study



3. Cost impacts of assuming additional responsibilities should be measurable

Recommendations:

17

- A. This methodology allows DC Water to determine the customer bill impacts of assuming additional responsibilities for stormwater management
 - Assuming \$5 million/year of additional costs from District would increase stormwater bill by about \$1/ERU/month
 - Shifting \$5 million/year to stormwater would reduce sewer volumetric rate by \$0.175/Ccf



Next Steps

- Identify stormwater costs to be recovered through impervious area-based charge
- Calculate rates and charges in Cost of Service Study
- Update stormwater needs assessments and cost accounting

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RAFTELIS

Thank you!

Contact: Jon Davis 704 578 3346 / jdavis@raftelis.com

	FY 2023 Proposed RRC Committee Workplan								
	Objective/Activities/Task	Date of Activity	Completed	Responsible Department					
1.	Proposal to 1) Remove FY 2022 CAP2 Recertification Requirements Language; and 2) Extend DC Water Cares: Residential Assistance Program and Multifamily Assistance Program for FY 2023								
a.	Presentation to RRC on proposal to amend Customer Assistance Program (CAP)	June 28, 2022	V	Customer Service					
b.	RRC recommends Board approval to amend the CAP regulations for CAP2, and extension of DC	June 28, 2022	V	RRC					
c.	Board approval to publish Notice of Emergency and Proposed Rulemaking (NOEPR) to amend the CAP regulations for CAAP2, and DC Water Cares Residential and Multifamily Assistance Programs extension	July 7, 2022	V	Board of Directors					
d.	Publish NOEPR and Notice of Public Hearing in DC Register	July 22, 2022	\checkmark	DGLA					
e.	Public comment period	July 22 – September 19, 2022	\checkmark	OMAC & Board Secretary					
f.	Public Hearing	September 14, 2022		Board of Directors					
g. h.	Public comment period closes RCC approves final proposal to amend CAP regulations for CAP2 and DC Water Cares Residential and Multifamily Assistance Programs extension	September 19, 2022 September 27, 2022		Board Secretary RRC					
i.	Implement extended DC Water Cares RAP and MAP in FY 2023	October 1, 2022	\checkmark	Customer Care					
j.	Board approval to publish Notice of Final Rulemaking to Approval of Notice of Final Rulemaking (NOFR)	October 6, 2022	√	Board of Directors					
k. I.	Publish NOFR in D.C Register Continue Implementing DC Water Cares RAP and MAP Programs in FY 2023	October 21, 2022 October 21, 2022	N N	DGLA Customer Care					

FY 2023 Proposed RRC Committee Workplan							
Objective/Activities/Task	Date of Activity	Completed	Responsible Department				
2. 2023 COS for Operating Reserves							
a. Present 2023 Operating Reserves Cost of Service Study for FY 2024 – FY 2028 to RRC	February 28, 2023	N	Rates and Revenue				
b. Discussion of the options and recommendations using feedback from Board members for COS of Operating Reserves	April 25, 2023	\checkmark					
c. Post Final COS on DC Water's website	September 29, 2023	\checkmark					

3. 2023 COS for Renewal & Replacement Reserves		,	
a. Present 2023 Renewal and Replacement Reserves Cost of Service Study for FY 2024 – FY 2028 to RRC	February 28, 2023		Rates and Revenue
b. Discussion of the options and recommendations using feedback from Board members for COS of Renewal and	April 25, 2023	\checkmark	
Replacement Reserves c. Post Final COS on DC Water's website	September 29, 2023	\checkmark	
4. 2023 COS for Rate Stabilization Fund (RSF)			
a. Present 2023 Rate Stabilization Fund Cost of Service Study for FY 2024 – FY 2028 to RRC	February 28, 2023	V	Rates and Revenue
b. Discussion with the Committee Cost of Service for Operating Reserves, Renewal and Replacement Reserves and Rate Stabilization Fund c. Discussion of the options and	February 28, 2023	V	
recommendations using feedback from Board members for COS of Operating Reserves, Renewal and Replacement Reserves and Rate Stabilization Fund	April 25, 2023		
d. Post Final COS on DC Water's website	September 29, 2023	\checkmark	

FY 2023 Proposed RRC Committee Workplan	FY 2023	Proposed	RRC	Committee	Workplan	
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Objective/Activities/Task	Date of Activity	Completed	Responsible Department
5. 2023 COS for Engineering Inspection			
a. Present 2023 Cost of Service Study for Engineering Inspection for FY 2024 – FY 2028 to the Board	September 7, 2023	V	Engineering
b. Post Final COS on DC Water's website	October 31, 2023		

6. 2023 COS for Stormwater Charges and Recovery Methodology		
a. Present 2023 Cost of Service Study for Stormwater Charges and Recovery Methodology to RRC	October 24, 2023	Rates and Revenue
b. Post Final COS on DC Water's website	November 30, 2023	

7. 2023 COS for Water, Sewer and CRIAC		
a. Present 2023 Cost of Service Study for Water, Sewer and CRIAC to RRC	January 23, 2024	Rates and Revenue
b. Post Final COS on DC Water's website	TBD	

8.	Delinquent Accounts		
a.	Soldiers Home Negotiations	Monthly, as needed	DGLA

9. Rate Stabilization Fund		
a. Rate Stabilization Fund	Monthly, as needed	Rates & Revenue

FY 2024 Proposed RRC Committee Workplan

Date of Activity	Completed	Responsible Department
September 7, 2023	√	Engineering
October 31, 2023		
October 24, 2023		Rates and Revenue
November 30, 2023		
	September 7, 2023 October 31, 2023 October 24, 2023	September 7, 2023 √ October 31, 2023 √ October 24, 2023 0

3.	Propose and Establish Retail Rates for FY 2025 & FY 2026		
а.	Present FY 25 & FY 26 Budget to Board	January 4, 2024	Rates and Revenue
b.	Present FY 25 & FY 26 Proposed Rates, Fees & Charges to RRC	January 23, 2024	
с.	Independent Review of Rates- Presentation by Consultants	February 27, 2024	
d.	RRC recommendation on Proposed FY 25 & FY 26 Rates, Fees & Charges	February 27, 2024	
e.	Submit Independent Review of Proposed Rates and 2023 Cost of Service Study to Mayor and Council and post both on DC Water's website	March 4, 2024	
f.	Board approves Notice of Proposed Rulemaking (NOPR) for Proposed FY 25 & FY 26 Rates, Fees & Charges	March 7, 2024	
g.	Publish NOPR in D.C. Register for Proposed FY 25& FY 26 Rates, Fees & Charges	March 22, 2024	DGLA
h.	Outreach and Public Comment Period	March 22 - May 16, 2024	Marketing & Comm.
i.	Public Hearing	May 9, 2024	
<i>j</i> .	Public Hearing Record Closes	May 16, 2024	
ĸ.	Submit response to Public Comments report to Board and post on DC Water website	May 31, 2024	
Ι.	Present final FY 25 & FY 26 Rates, Fees & Charges to RRC for recommendation to Board	June 25, 2024	
		July 11 2024	

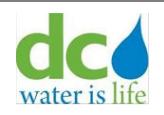
FY 2024 Proposed RRC Committee Workplan

	oves Notice of Final (NOFR) for FY 25 & FY 26	July 22, 2024		
Rates, Char n. Publish NOI Amended R		October 1, 2024 (FY 2025) October 1, 2025 (FY	DGLA	
Live		2026)		

4. 2023 COS for Water, Sewer and CRIAC		
a. Present 2023 Cost of Service Study for Water, Sewer and CRIAC to RRC	January 23, 2024	Rates and Revenue
b. Post Final COS on DC Water's website	February 27, 2024	

5.	Fire Protection Service Fee for FY 2025, FY 2026, and FY 2027		
а.	RRC recommend proposal for Fire Protection Service Fee	March 26, 2024	Rates and Revenue
b.	Board approval of Notice of Proposed Rulemaking (NOPR)	April 4, 2024	
С.	Publish NOPR in D.C Register	April 23, 2024	DGLA
d.	Public Comment and Outreach	April 23 – May 24, 2024	Marketing & Comm.
е.	RRC approval of final proposed Fire Protection Service Fee	June 24, 2024	Rates and Revenue
f.	Board approval of Notice of Final Rulemaking (NOFR)	July 11 2024	
g.	Publish NOFR in D.C. Register	July 16, 2024	DGLA
ĥ.	Fire Protection Service Fee go-live	October 1, 2024 (FY 2025)	Rates & Revenue

6. Delinquent Accounts		
a. Soldiers Home Negotiations	Monthly, as needed	DGLA



Committee Chairman

Chief Financial Officer

Chief Financial Officer

Committee Chairman

Chief Financial Officer

D.C. WATER AND SEWER AUTHORITY BOARD OF DIRECTORS RETAIL WATER & SEWER RATES COMMITTEE MEETING

Tuesday, November 14, 2023; 9:30 a.m. AGENDA

Call to Order

Monthly Updates

Committee Workplan

Agenda for December 19, 2023 Committee Meeting

Other Business

Adjournment

*Detailed agenda can be found on DC Water's website at www.dcwater.com/about/board_agendas.cfm