



DISTRICT OF COLUMBIA WATER AND SEWER AUTHORITY

Board of Directors

DC Retail Water and Sewer Rates Committee

*Tuesday, April 26, 2022
9:30 a.m.*

Microsoft Teams meeting

Join on your computer or mobile app

[Click here to join the meeting](#)

Or call in (audio only)

[+1 202-753-6714,,523943701#](#)

Phone Conference ID: 523 943 701#

1. **Call to Order****Rachna Bhatt, Chairperson**
2. **Roll Call**.....**Linda Manley**
3. **Monthly Report to DC Retail Water & Sewer Rates Committee (Attachment A)**.....**Matthew Brown**
4. **Miscellaneous Fees & Charges (Attachment B)**..... **Matthew Brown**
Cost of Service Study Update
5. **2022 Potomac Interceptor Cost of Service Study Update (Attachment C)**..... **Matthew Brown**
for FY 2023 – FY 2025
6. **Action Item (Attachment D)**..... **Matthew Brown**
 - Proposal to Amend the Miscellaneous Charges & Fees (Action Item 1)
7. **DC Retail Water and Sewer Rates Committee Workplan (Attachment E)** **Matthew Brown**
 - FY 2022 Proposed DC Retail Rates Committee Workplan
8. **Agenda for May 24, 2022 Committee Meeting (Attachment F)** **Rachna Bhatt, Chairperson**
9. **Other Business****Matthew Brown**
10. **Executive Session***
11. **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)(A); 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)(9); 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 Codes § 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.



Fiscal Year 2021

Monthly Report to DC Retail Water and Sewer Rates Committee

Period Ending March 31, 2022

DEPARTMENT OF FINANCE

Matthew T. Brown, CFO & Executive Vice President, Finance and Procurement

Syed Khalil, Director, Rates & Revenue

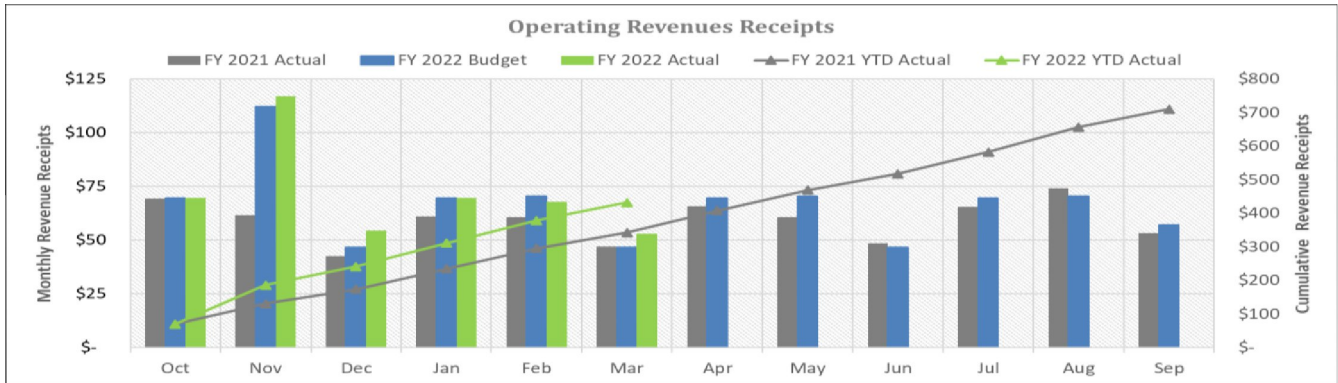
Monthly Report to DC Retail Water and Sewer Rates Committee

Fiscal Year-to-Date
As of March 31, 2022

Operating Revenues (\$000's)

FY 2021		CATEGORY	FY 2022					
Actual			Year-to-Date Performance					
Total Annual	YTD March		Annual Budget	YTD Budget	% of Actual	% of Budget	Variance \$ Fav(Unfav)	Variance % Fav(Unfav)
\$396,892	\$190,439	Residential / Commercial / Multi-Family	\$422,794	\$211,397	\$227,320	53.8%	\$15,923	7.5%
76,206	38,586	Federal	81,339	40,670	36,782	45.2%	(3,888)	(9.6%)
20,933	10,412	Municipal (DC Govt.)	18,668	9,334	10,082	54.0%	748	8.0%
12,173	6,131	DC Housing Authority	12,592	6,296	6,595	52.4%	299	4.7%
14,862	7,149	Metering Fee	24,083	12,042	10,974	45.6%	(1,068)	(8.9%)
42,212	20,995	Water System Replacement Fee (WSRF)	39,717	19,858	20,796	52.4%	938	4.7%
82,986	41,518	Wholesale	84,669	42,334	42,367	50.0%	33	0.1%
21,612	10,406	PILOT/ROW	21,588	10,794	10,831	50.2%	37	0.3%
41,694	16,398	All Other	92,535	61,816	65,394	70.7%	3,578	5.8%
\$709,569	\$342,035	TOTAL	\$797,985	\$414,541	\$431,141	54.0%	\$16,600	4.0%

* Residential, Commercial & Multi-family receipts include credits for October 2021 through February 2022 for District's ERRP (\$27,492.68), DC Water Cares Residential (\$77,166.42), DC Water Cares Multi-family (\$1,395,305.91), CAP3 (\$1,6156.76) and Non-profit (\$232,501.16).



VARIANCE ANALYSIS FOR MAJOR REPORTED ITEMS

At the end of March 2022, cash receipts totaled \$431.1 million, or 54.0 percent of the FY 2022 budget. The total receipts for March were \$53.1 million as compared to the budgeted \$46.5 million. Several categories of customers make payments on a quarterly basis, including the Federal Government (which made their second quarterly payment in January), and wholesale customers (which made their second quarterly payment in February 2022).

Areas of Over-collection	Areas of Under-collection
<p><u>Residential, Commercial and Multi-Family</u> – Receipts for this category are slightly higher at \$227.3 million or 53.8 percent of the budget. The March 2022 receipts were higher by \$7.5 million, or 21.2 percent as compared to the monthly budget of \$35.2 million.</p> <p><u>District Government</u> – Receipts are slightly higher at \$10.1 million or 54.0 percent of the budget. The March 2022 receipts of \$1.5 million are slightly lower by sixteen thousand dollars as compared to the monthly budget.</p> <p><u>DC Housing</u> - Receipts are slightly higher at \$6.6 million or 52.4 percent of the budget. The March 2022 receipts are slightly higher by seventy-four thousand dollars as compared to the monthly budget of \$1.0 million.</p> <p><u>Wholesale</u> – The wholesale customers actual receipts through March 2022 total \$42.4 million or 50.0 percent of FY 2022 budget. The wholesale customers made their second quarter payment in February 2022.</p> <p><u>PILOT/ROW</u> – The receipts for PILOT/ROW are slightly higher at \$10.8 million or 50.2 percent of the budget. The March 2022 receipts are slightly lower by two hundred fourteen thousand dollars as compared to the monthly budget of \$1.6 million.</p> <p><u>Other Revenue</u> - Receipts are slightly higher at \$65.4 million or 70.7 percent of the budget. This includes \$41.6 million transfer from the Rate Stabilization Fund to the ending cash balance in November 2021. The March receipts are slightly lower by \$0.7 million as compared to the monthly budget of \$2.5 million.</p>	<p><u>Federal</u> - Actual receipts through March 2022 total \$36.8 million or 45.2 percent of the budget. The Federal government made their second quarter payment in January 2022. The lower actual Federal receipt is partly due to disputed accounts of Soldiers Home and partly due to removal of two accounts (Union Station and Amtrak) from Federal as these are being billed as Commercial.</p>

Monthly Report to DC Retail Water and Sewer Rates Committee

Fiscal Year-to-Date
As of March 31, 2022

Operating Revenues Detail

(\$ in millions)

Revenue Category	FY 2022 Budget	YTD Budget	Actual	Variance		Actual % of Budget
				Favorable / (Unfavorable)		
Residential, Commercial, and Multi-family	\$422.8	\$211.4	\$227.3	\$15.9	7.5%	53.8%
Federal	81.3	40.7	36.8	(3.9)	-9.6%	45.2%
District Government	18.7	9.3	10.1	0.7	8.0%	54.0%
DC Housing Authority	12.6	6.3	6.6	0.3	4.7%	52.4%
Customer Metering Fee	24.1	12.0	11.0	(1.1)	-8.9%	45.6%
Water System Replacement Fee (WSRF)	39.7	19.9	20.8	0.9	4.7%	52.4%
Wholesale	84.7	42.3	42.4	0.0	0.1%	50.0%
Right-of-Way Fee/PILOT	21.6	10.8	10.8	0.0	0.3%	50.2%
Subtotal (before Other Revenues)	\$705.5	\$352.7	\$365.7	\$13.0	3.7%	51.8%
IMA Indirect Cost Reimb. For Capital Projects	5.1	2.5	2.4	(0.1)	-4.0%	47.1%
DC Fire Protection Fee	10.8	5.4	5.8	0.4	7.4%	53.7%
Stormwater (MS4)	1.0	0.5	0.6	0.1	20.0%	60.0%
Interest	3.4	1.7	0.7	(1.0)	-58.8%	20.6%
Developer Fees (Water & Sewer)	6.0	3.0	4.9	1.9	63.3%	81.7%
System Availability Fee (SAF)	7.7	3.9	4.4	0.5	12.8%	57.1%
Others	6.4	3.2	5.0	1.8	56.3%	78.1%
Subtotal	\$40.4	\$20.2	\$23.8	\$3.6	17.8%	58.8%
Rate Stabilization Fund Transfer	\$52.1	\$41.6	\$41.6	\$0.0	0.0%	79.8%
Other Revenue Subtotal	\$92.5	\$61.8	\$65.4	\$3.6	5.8%	70.7%
Grand Total	\$798.0	\$414.5	\$431.1	\$16.6	4.0%	54.0%

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

Customer Category	Clean Rivers					Total
	Water	Sewer	IAC	Metering Fee	WSRF	
Residential	\$20,076	\$31,666	\$12,708	\$4,866	\$4,651	\$73,967
Commercial	\$35,791	\$40,522	\$15,752	\$3,288	\$8,276	\$103,629
Multi-family	\$25,633	\$39,426	\$5,746	\$1,514	\$3,699	\$76,018
Federal	\$12,730	\$14,471	\$9,581	\$801	\$3,014	\$40,597
District Govt	\$2,570	\$3,478	\$4,034	\$385	\$950	\$11,417
DC Housing Authority	\$2,443	\$3,620	\$532	\$119	\$207	\$6,921
Total:	\$99,244	\$133,182	\$48,353	\$10,974	\$20,796	\$312,550

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)

Customer Category	FY2021 Budget	Year-To-Date Budget	Actual Received	Variance	Variance % of YTD Budget	Actual % of Budget
				Favorable / <Unfavorable>		
Residential	\$23,608	\$11,804	\$12,708	\$904	8%	54%
Commercial	\$27,191	\$13,596	\$15,752	\$2,157	16%	58%
Multi-family	\$10,847	\$5,424	\$5,746	\$322	6%	53%
Federal	\$19,239	\$9,620	\$9,581	-\$38	0%	50%
District Govt	\$7,224	\$3,612	\$4,034	\$422	12%	56%
DC Housing Authority	\$1,070	\$535	\$532	-\$3	-1%	50%
Total:	\$89,179	\$44,590	\$48,353	\$3,763	8%	54%

Monthly Report to DC Retail Water and Sewer Rates Committee

Fiscal Year-to-Date
As of March 31, 2022

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
October 31, 2021	\$27.1	13,054
November 30, 2021	\$27.2	12,823
December 31, 2021	\$27.6	13,942
January 31, 2022	\$28.0	13,501
February 28, 2022	\$27.0	13,621
March 31, 2022	\$28.3	13,225

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 March 2022 is primarily due to increased delinquencies and deferred payments due to the impact of COVID-19.

Greater Than 90 Days by Customer

	Number of Accounts			Month of Mar (All Categories)				Total Delinquent				
	W & S	Impervious Only		Active		Inactive		Feb		Mar		
		a/c	a/c	Total No. of a/c	No. of a/c	Amount (\$)	No. of a/c	Amount (\$)	No. of a/c	Amount (\$)	No. of a/c	Amount (\$)
Commercial	9,103	2,205	11,308	1,321	6,919,035	43	\$130,817	1,360	\$6,274,260	1,364	\$7,049,852	25%
Multi-family	8,499	356	8,855	1,168	10,038,615	17	\$85,809	1,155	\$9,640,761	1,185	\$10,124,424	36%
Single-Family Residential	106,907	2,154	109,061	10,524	10,939,632	152	\$147,919	11,106	\$11,117,688	10,676	\$11,087,551	39%
Total	124,509	4,715	129,224	13,013	\$27,897,283	212	\$364,544	13,621	\$27,032,708	13,225	\$28,261,827	100%

Notes: Included in the above \$28.3 million (or 13,225 accounts) of the DC Water over 90 days delinquent accounts, \$4,572,960.53 (or 1,375 accounts) represents Impervious only accounts over 90 days delinquent.

- Reportable delinquencies do not include balances associated with a long-standing dispute between DC Water and a large commercial customer.
- Delinquent accounts (13,225) as a percentage of total accounts (129,224) is 10.2 percent.

Monthly Report to DC Retail Water and Sewer Rates Committee

Customer Arrears Data

Arrears by Customer Category

	Over 30 Days		Over 60 Days		Over 90 Days	
	No. of Accts	(\$)	No. of Accts	(\$)	No. of Accts	(\$)
Commercial	2,450	\$ 9,687,284.77	1,566	\$ 7,780,054.83	1,364	\$ 7,049,852.43
Multi-family	1,855	\$ 13,509,718.21	1,381	\$ 11,376,212.94	1,185	\$ 10,124,423.53
Residential	19,916	\$ 14,416,736.06	13,474	\$ 12,408,771.59	10,676	\$ 11,087,551.04

Arrears by WARD for Residential Category

	Over 30 Days		Over 60 Days		Over 90 Days	
	No. of Accts	(\$)	No. of Accts	(\$)	No. of Accts	(\$)
Ward 1	1,377	\$ 1,135,058.88	870	\$ 962,230.93	690	\$ 873,552.73
Ward 2	727	\$ 534,937.36	449	\$ 445,913.80	305	\$ 395,975.92
Ward 3	732	\$ 446,646.21	380	\$ 350,357.99	263	\$ 298,935.91
Ward 4	3,453	\$ 2,633,063.49	2,304	\$ 2,279,204.48	1,821	\$ 2,023,697.50
Ward 5	4,043	\$ 2,747,010.12	2,750	\$ 2,374,877.03	2,193	\$ 2,115,427.28
Ward 6	1,583	\$ 904,312.78	1,035	\$ 772,162.67	805	\$ 689,411.05
Ward 7	4,983	\$ 3,683,966.07	3,622	\$ 3,259,464.03	2,936	\$ 2,909,096.35
Ward 8	3,018	\$ 2,331,741.15	2,064	\$ 1,964,560.66	1,663	\$ 1,781,454.30
Total	19,916	\$ 14,416,736.06	13,474	\$ 12,408,771.59	10,676	\$ 11,087,551.04

CAP, CAP2 and CAP3 Customers in Arrears*

	Over 30 Days		Over 60 Days		Over 90 Days	
	No. of Accts	(\$)	No. of Accts	(\$)	No. of Accts	(\$)
CAP	2,271	\$ 1,187,284.65	1,806	\$ 1,002,109.26	1,517	\$ 845,444.29
CAP2	177	\$ 82,401.03	116	\$ 70,484.07	93	\$ 59,725.81
CAP3	56	\$ 39,660.45	39	\$ 33,953.93	36	\$ 30,851.52

*Based on number of accounts that have been given credit in March 2022.

Monthly Report to DC Retail Water and Sewer Rates Committee

Customer Arrears Data

CAP Customer Arrears by Ward*

	Over 30 Days		Over 60 Days		Over 90 Days	
	No. of Accts	(\$)	No. of Accts	(\$)	No. of Accts	(\$)
Ward 1	109	\$ 72,767.81	85	\$ 60,173.85	69	\$ 50,950.22
Ward 2	22	\$ 6,857.22	18	\$ 5,605.51	16	\$ 5,092.09
Ward 3	12	\$ 9,591.45	10	\$ 8,716.36	10	\$ 7,691.04
Ward 4	338	\$ 184,083.64	269	\$ 158,803.48	222	\$ 133,363.60
Ward 5	446	\$ 213,208.33	366	\$ 183,525.68	308	\$ 156,850.00
Ward 6	146	\$ 35,786.94	107	\$ 27,632.51	89	\$ 21,842.56
Ward 7	706	\$ 367,648.25	571	\$ 319,463.92	484	\$ 263,654.38
Ward 8	492	\$ 297,341.01	380	\$ 238,187.95	319	\$ 206,000.40
Total	2,271	\$ 1,187,284.65	1,806	\$ 1,002,109.26	1,517	\$ 845,444.29

*Based on number of accounts that have been given credit in March 2022.

CAP2 Customer Arrears by Ward*

	Over 30 Days		Over 60 Days		Over 90 Days	
	No. of Accts	(\$)	No. of Accts	(\$)	No. of Accts	(\$)
Ward 1	6	\$ 2,986.73	5	\$ 2,131.97	5	\$ 1,722.23
Ward 2	0	\$ -	0	\$ -	0	\$ -
Ward 3	1	\$ 63.97	0	\$ -	0	\$ -
Ward 4	21	\$ 15,723.66	15	\$ 14,493.66	13	\$ 12,678.50
Ward 5	35	\$ 18,476.65	23	\$ 17,208.58	20	\$ 15,542.92
Ward 6	8	\$ 8,823.91	6	\$ 8,214.59	6	\$ 6,819.68
Ward 7	62	\$ 11,773.20	36	\$ 8,192.95	24	\$ 5,120.21
Ward 8	44	\$ 24,552.91	31	\$ 20,242.32	25	\$ 17,842.27
Total	177	\$82,401.03	116	\$ 70,484.07	93	\$ 59,725.81

*Based on number of accounts that have been given credit in March 2022.

CAP3 Customer Arrears by Ward*

	Over 30 Days		Over 60 Days		Over 90 Days	
	No. of Accts	(\$)	No. of Accts	(\$)	No. of Accts	(\$)
Ward 1	1	\$ 1,084.15	1	\$ 1,013.59	1	\$ 1,013.59
Ward 2	0	\$ -	0	\$ -	0	\$ -
Ward 3	0	\$ -	0	\$ -	0	\$ -
Ward 4	3	\$ 1,765.03	3	\$ 1,426.26	2	\$ 921.66
Ward 5	16	\$ 16,644.37	10	\$ 14,690.81	10	\$ 14,068.44
Ward 6	4	\$ 1,159.18	2	\$ 783.32	2	\$ 513.45
Ward 7	20	\$ 11,138.81	14	\$ 9,627.60	14	\$ 8,870.34
Ward 8	12	\$ 7,868.91	9	\$ 6,412.35	7	\$ 5,464.04
Total	56	\$ 39,660.45	39	\$ 33,953.93	36	\$ 30,851.52

*Based on number of accounts that have been given credit in March 2022.

Monthly Report to DC Retail Water and Sewer Rates Committee

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 March 31, 2022, developer deposits had \$40.9 million in credit balances (liability) and \$9.8 million in debit balances (receivable).

Balances as of March 31, 2022

Credit Balances (Liability)	Debit Balances (Receivables)
\$40.9 million	\$9.8 million

Year	Credit Balances	Number of Accounts with Credit Balances	Debit Balances	Number of Accounts with Debit Balances	Net Balance
2001	\$ -	-	\$ 960,164.05	1	\$ 960,164.05
2002	\$ -	-	\$ 1,836.00	2	\$ 1,836.00
2004	\$ (2,648.33)	6	\$ 9,066.08	6	\$ 6,417.75
2005	\$ (412,645.20)	122	\$ 269,202.91	90	\$ (143,442.29)
2006	\$ (319,220.47)	48	\$ 284,522.42	78	\$ (34,698.05)
2007	\$ (180,949.67)	54	\$ 150,176.99	50	\$ (30,772.68)
2008	\$ (384,765.75)	69	\$ 192,952.22	50	\$ (191,813.53)
2009	\$ (226,832.69)	59	\$ 213,787.79	49	\$ (13,044.90)
2010	\$ (421,954.36)	85	\$ 122,937.46	40	\$ (299,016.90)
2011	\$ (1,025,153.12)	188	\$ 379,387.56	56	\$ (645,765.56)
2012	\$ (1,784,445.79)	341	\$ 469,185.81	97	\$ (1,315,259.98)
2013	\$ (2,147,348.61)	283	\$ 263,688.62	82	\$ (1,883,659.99)
2014	\$ (2,095,263.29)	285	\$ 949,822.91	65	\$ (1,145,440.38)
2015	\$ (1,629,952.05)	298	\$ 253,693.40	41	\$ (1,376,258.65)
2016	\$ (3,122,403.06)	366	\$ 522,628.81	65	\$ (2,599,774.25)
2017	\$ (2,365,090.10)	441	\$ 489,856.53	121	\$ (1,875,233.57)
2018	\$ (5,474,754.49)	558	\$ 1,421,352.98	125	\$ (4,053,401.51)
2019	\$ (7,525,983.10)	495	\$ 1,545,458.20	178	\$ (5,980,524.90)
2020	\$ (5,108,135.06)	372	\$ 481,870.51	175	\$ (4,626,264.55)
2021	\$ (5,655,331.44)	380	\$ 382,750.70	174	\$ (5,272,580.74)
2022	\$ (1,013,054.10)	102	\$ 394,508.60	134	\$ (618,545.50)
Total	\$ (40,895,930.68)	4,552	\$ 9,758,850.55	1,679	\$ (31,137,080.13)

Forfeiture Action

Accounts Forfeited on August 16, 2021	(4,838,938.52)	1,011
Accounts with refund requests or activities within the last 10 years or Non-Merch Accounts	(4,758,615.38)	631

Monthly Report to DC Retail Water and Sewer Rates Committee

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 the account. During 2021 and 2022, annual statements were mailed to customers on February 25, 2021 and January 25, 2022.

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.

Refund Requests and Forfeiture Disputes

In response to the notification by DC Water, more than 275 different customers have submitted refund requests (impacting approximately 1,100 accounts) as of March 4, 2022.

Time is required to research and process the refund requests, and the Permit Operations staff are working through these requests now.

Additionally, after the forfeiture action in August 2021, 75 accounts totaling \$335,000 have disputed their forfeitures via emails or phone calls. The Authority is processing these disputes with established guidelines through the appeal procedures.

Monthly Report to DC Retail Water and Sewer Rates Committee

Disconnection Moratorium Legislation Reporting Requirement

Fiscal Year-to-Date
As of March 31, 2022

Zip Code	Residential					Commercial					Multifamily				
	As of March 31, 2022		As of March 31, 2022			As of March 31, 2022		As of March 31, 2022			As of March 31, 2022		As of March 31, 2022		
	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.
20000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20001	627	97	34	22	0	124	14	1	4	0	32	4	1	1	0
20002	1,285	273	68	19	0	215	29	6	5	0	220	42	4	8	0
20004	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
20003	358	62	11	8	0	91	8	1	0	0	24	4	2	0	0
20005	8	2	0	0	0	18	4	0	0	0	2	0	0	0	0
20006	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0
20007	291	27	5	7	0	72	6	2	1	0	25	0	0	0	0
20008	72	10	5	0	0	35	5	0	0	0	4	0	0	0	0
20009	233	34	10	4	0	56	14	1	4	0	49	11	0	0	0
20010	447	84	17	15	0	62	17	1	0	0	22	2	1	0	0
20011	1,909	423	131	74	0	148	19	4	3	0	128	29	9	3	0
20012	385	87	28	21	0	36	7	4	1	0	6	1	1	0	0
20015	118	25	3	6	0	7	0	0	0	0	2	0	1	0	0
20016	173	29	6	6	0	30	4	0	1	0	1	0	0	0	0
20017	621	135	23	18	0	37	5	1	1	0	21	3	2	0	0
20018	882	180	50	27	0	137	13	7	4	0	17	5	2	1	0
20019	2,733	493	152	96	0	139	14	7	1	0	295	49	9	5	0
20020	1,708	301	70	52	0	70	5	6	2	0	242	38	8	12	0
20023	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0
20024	48	10	5	1	0	14	2	1	0	0	14	1	0	0	0
20032	896	188	58	35	0	86	6	4	0	0	213	32	5	21	0
20036	6	0	0	0	0	26	7	0	1	0	2	1	0	0	0
20037	11	1	2	1	0	6	0	0	0	0	5	1	0	0	0
20057	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
20059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20064	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20080	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20260	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20306	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20332	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
20429	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
20431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20433	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20534	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	12,815	2,463	678	412	0	1,420	180	47	28	0	1,324	223	45	51	0

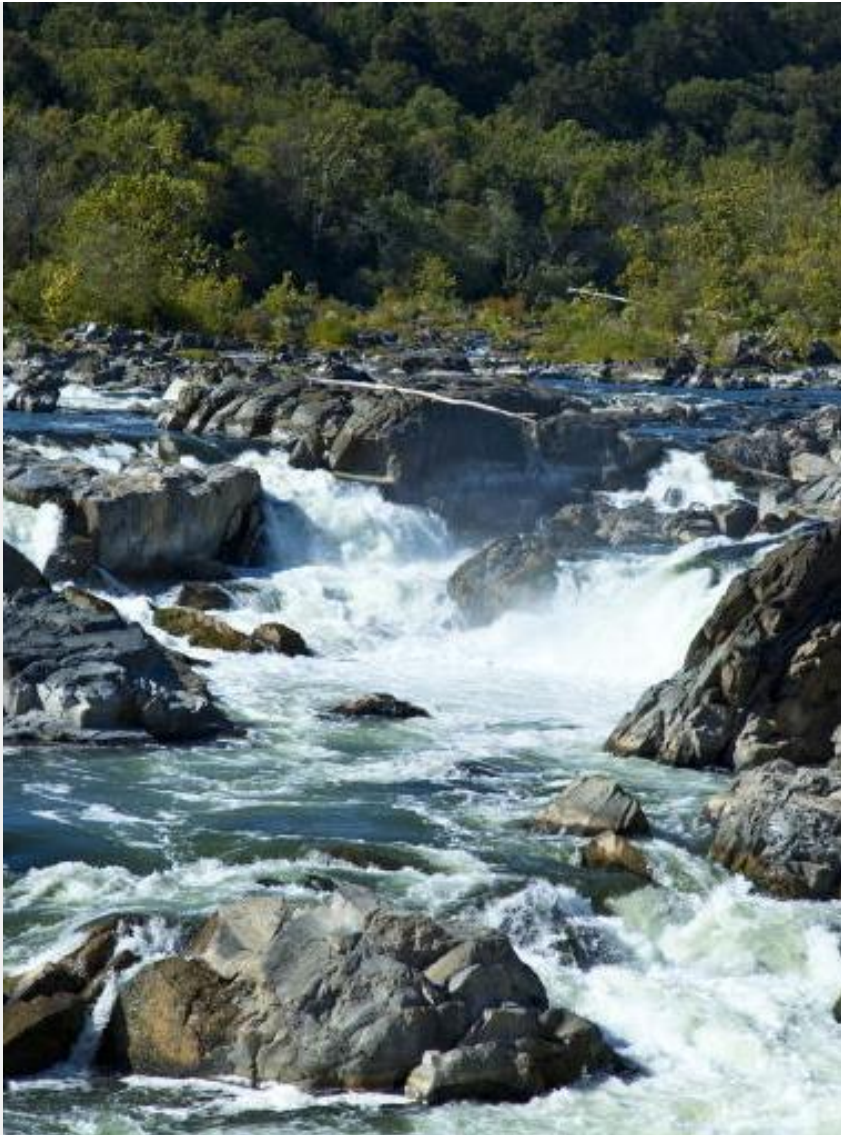
*Note: inactive accounts in arrears are not included in the above and the accounts by customer class are as follows: Res. 390, Com. 90 and MF 36

DC Water

Final Miscellaneous Fees and Charges Update

April 26, 2022





Agenda

1. Objectives
2. Budget-Based Fee Calculations
 - Engineering/Permitting Fees
 - FOG and Cross Connection
 - Fire Hydrant Use Charges
3. COS-Based Fee Calculations
 - High strength fees
4. Fees with Inflationary Increases
5. Q&A
6. Appendices

Study Objective:

Conduct a comprehensive review of the Miscellaneous Fees and Charges

Budget-based fee calculations

- Engineering/Permitting Fees
- FOG and Cross Connection Fees
- Hydrant Flow Tests & Meter Rentals

Cost of Service-based fee calculations

- High Strength Fees

Inflation-based calculations

- Penalties
- Turn-off Charges
- Tap Fees
- Other Miscellaneous Fees

Budget-Based Fee Calculations



Engineering/Permitting Fees

- Total target revenue of \$5.75 million (\$4.57M FY23 + \$1.18M add staff)
 - › Increase from \$3 million in the 2018 study
 - FY21 actual permit revenues were \$2.12 million, whereas actual operating expenses were \$3.95 million
 - The revenue did not cover the cost of service provided because the estimated cost used in the last study was lower than the actual cost
 - › Higher fees necessary to support the FY 2023 Budget and staff expansion
 - Basic fees computed with additional staff to provide
 - Expedited services
 - Post Permit Customer support
 - Expanded Developer Business Support due to new accounting program
 - Factors in some inflation to account for the 3-year fee update cycle
- “Top down” methodology for fee development; fees were aligned with targets based on previous fees and anticipated quantities of permits
- **Fees presented in Appendix 1**

Year	Budget	Enhancements	Total Target
FY 23 Budget with inflation	\$4.57M	\$1.18 M	\$5.75M
FY 22 Budget Current	\$4.328	0	\$4.328

Proposed Permit Operations Positions Based on New Fees and Services

- Fees updated to cover revenue shortfall and staff expansion for:
 - › Expedited permit review capability
 - › New Post Permit Customer Service
 - › Expanded Developer Business Support

No. of Positions	Existing	Proposed	Additional
Permit Management /Admin	4	4	0
Permit Plan Review Staff	14	16	2
Developer Business Support	3	5	2
Post Permit Customer Support	0	4	4
Total Positions	21	29	8

Proposed New Engineering Fees

- **Water Service Connection (WCONN)** - Charge for DC Water staff to provide field inspection, valve shuts, check and notify services required for the insertion of a new water service connection of 3" or greater. Previously this service has initiated a \$2,500 reimbursable fee. This field and office work is always performed but often not charged. Changing this to a fixed fee will reduce the clerical effort of account generation and refunding, making it immediate revenue.
 - › Recommended Fixed Fee = \$2,500
- **Meter Setter Inspection and Reinspection** - DC Water staff to field inspect and verify that meter setter is properly set and meter ready prior to installing the water meter. This will increase the reliability of our data base and reduce/eliminate small diameter services using a jumper instead of a meter.
 - › Recommended Fixed Fee = \$250 each occurrence
- **Meter Vault Inspection and Reinspection** - DC Water Staff field inspection by meter branch to verify that the meter vault is to specifications, that it is safe, that there is adequate provision for transmitter.
 - › Recommended Fee = \$1,000 each occurrence

Proposed New Engineering Fees (Cont'd.)

- **Construction Phase Customer Support** - a proactive, white glove approach to contractor customer Service. The contractors have difficulty finding the correct entity at DC Water to coordinate with (Water services, Sewer services, Meter branch, Customer Service, Permits, etc.). This fee would support a one stop shop to proactively manage the construction phase and ensure applications for taps, connections, meter sets and inspections happen when they should. This management would include checks on work order status and as-built preparation. This will enhance the integrity of our GIS/utility data and will make the refund process go much smoother if all work orders are routed to completion.
 - › Recommended Fees
 - Small/Residential: \$500
 - Small Nonresidential: \$2,000
 - Large or Sheet and Shore: \$4,500

Proposed New Engineering Fees (Cont'd.)

These are new fees to address the review of plans to build infrastructure that does not include the building. This is often a phase 1 scenario, which is not covered in our existing fee structure and needs to be added.

- **Utility Infrastructure Only Review Fee** – Impact area from 0-1,000 LF of water/sewer mains
 - › Recommended Fees
 - Regular: \$10,000
 - Expedited: \$20,000
- **Utility Infrastructure Only Review Fee** – Impact area from 1,000-2,500 LF of water/sewer mains
 - › Recommended Fees
 - Regular: \$15,000
 - Expedited: \$30,000
- **Utility Infrastructure Only Review Fee** – Over 2,500 LF of water/sewer mains
 - › Recommended Fees
 - Regular: \$18,000
 - Expedited: \$36,000

Fats/Oils/Grease (FOG), Cross Connection/Backflow, and Fire Hydrant Use Fees

- Fee updates are in part driven by changing personnel costs, among other costs
- Anticipated changes in number of positions for each fee type:

No. of Positions	Existing	Proposed
FOG	3	5
CC/BPA	4	5
Fire Hydrant Program	0	2
Total Positions	7	12

FOG Fee

- Fats, Oil and Grease (FOG) Inspection Fee
 - › The fee funds a program to enforce the installation and maintenance of FOG abatement systems as required by the plumbing code
 - › Fee assessed to food service establishments such as restaurants, bars, cafeterias, etc.
 - › Proposed addition of two new positions
 - › Decline in participants is due to a DCRA database update and a pandemic-related decline in food service establishments
- “Bottom up” approach based on cost of service

FOG Fee

	2018	2023 Update
Cost Drivers	Annual Cost	Annual Cost
Personnel	\$536,429	\$645,641
Materials	\$65,700	\$87,462
Training	\$10,000	\$21,854
Certification	\$80,000	\$31,000
Billing System	\$10,000	\$43,608
Total Costs	\$702,129	\$829,665
Per Participant	2018	2023 Update
Number of Participants (1)	4,700	3,700
Annual Fee Per Participant	\$164.40	\$224
Monthly Fee	\$13.70	\$18.70

1) Decline in participants is due to a DCRA database update and a pandemic-related decline in food service establishments.

Cross Connection/Backflow Fee

- Cross Connection (CC) / Backflow Prevention (BFP) Inspection
 - › Program enforces installation and maintenance of backflow prevention assemblies as required by plumbing code
 - › Fee assessed to sites with known backflow prevention assemblies
- Fee is remaining unchanged (\$6.70) as costs are not anticipated to increase
 - › FY21 revenue from this fee was \$1.07 million as compared to the estimated annual cost of \$0.73 million in the last COS study. The current estimate of annual cost is about \$0.86 million.
- Although the fee will remain unchanged, revenues may still increase
 - › The number of BPA fee payments increased from 2018-2022, leading to a revenue increase

Fire Hydrant Use Program

- The Fire Hydrant Use Permit Program issues fire hydrant use permits and rents fire hydrant meters and equipment. Customers connect to fire hydrants for temporary water service for various purposes such as for construction, landscaping, and community events. More information on the regulation and process for obtaining a permit and equipment is at <https://dcwater.com/fire-hydrant-use-permit>.
- DC Water Customer Compliance Services took over the fire hydrant use permit program from Permit and Meter Operations on October 1, 2019. Labor resources were taken from other compliance programs to manage the issuing of permits and equipment. There are no personnel formally assigned to the FHUP program.
 - › The fees will fund two new positions dedicated to the FHUP (see slide 9)

Fire Hydrant Use Charges

Fee Name (1)	Existing	Proposed
Fire Hydrant Permit	\$75	\$75
Private Fire Hydrant Flush	\$81	\$90
Water and Sewer for Hydrant Use	Prevailing (usage based)	Prevailing (usage based)
3" Hydrant Meter Deposit	\$1,600	\$1,750
3" Hydrant Meter Rental <15 days	\$75	\$130
3" Hydrant Meter Rental >=15 days	\$5/day	\$10/day
3" Hydrant Meter w BP Deposit	\$2,200	\$2,750
3" Hydrant Meter w BP Rental <15 days	\$150	\$195
3" Hydrant Meter w BP Rental >=15 days	\$10/day	\$15/day
5/8" Hydrant Meter w BP Deposit	\$700	\$950
5/8" Hydrant Meter w BP Rental <15 days	\$75	\$115
5/8" Hydrant Meter w BP Rental >=15 days	\$5/day	\$10/day
Fire Hydrant Use Per Day	Usage based	Usage based

1) Fire Hydrant fees were based on labor hours (to assemble, calibrate and maintain equipment, and process permits) and equipment material costs.

Cost of Service- Based Fee Calculations



High Strength & Hauled Waste Fees

- With each cost of service (COS) study, high strength fees for BOD, TSS, TN, and TP are updated to align with revenue requirements
 - › These cost of service assumptions are used to derive per-gallon fees for both high strength and domestic strength waste
- Methodology is consistent with prior fee update
- **Fees summarized in Appendix 2**

High Strength & Hauled Waste Fees

- Flow amounts and loadings were unchanged from the 2017 report, because more recent data was not representative of normal usage due to pandemic impacts:

Units of Service	Flow	cBOD	TN	TP	TSS
Flow/Loading Daily Totals	282 mgd	428,346 lb/d	93,327 lb/d	9,506 lb/d	321 dtpd
Flow/Loading Annual Totals	102,930,000 kgals/yr	156,346,239 lb/yr	34,064,344 lb/yr	3,469,537 lb/yr	234,330,000 lb/yr

High Strength & Hauled Waste Fees

	Flow	cBOD	TN	TP	TSS	Total
Total Annual Cost, Millions (1)	\$213.6	\$25.3	\$56.6	\$18.1	\$65.1	\$378.8
Units of Service	2.075	0.162	1.662	5.234	0.278	3.680
	Kgal/yr	Lb/yr	Lb/yr	Lb/yr	Lb/yr	Kgal/yr
Unit Cost per Lb	\$2.075	\$0.162	\$1.662	\$5.234	\$0.278	\$3.680
Lbs/Kgal (assumed strength)		104	5	1	160	
Cost per Kgal	\$3.680	\$16.85	\$7.56	\$4.41	\$44.53	\$77.02
High strength waste fee/kgal					Rounded total of all costs/kgal	\$77.00
Domestic strength waste fee/kgal					Rounded flow cost/kgal	\$4.00

1) Costs were determined in the FY 2023-2024 Cost of Service Analysis.

New Fees

- **Notice of Follow Up (NOFOL) Compliance Fee (\$475)**
 - › One-time fee assessed to customers who have neglected to make repairs following an inspection, which may be causing interference with the transmission signal and preventing DC Water from reading, testing, accessing, or repairing the meter or meter transmitting device.
 - › Assessed to non-residential customers who have received a 30-Day NOFOL reminder letter. The fee will encourage compliance and prevent delays that hinder DC Water's ability to provide timely and accurate bills.
- **Non-Residential Reconnection Fee (\$100)**
 - › Charged to customers for restoring service after non-pay disconnect or customer initiated turn off. The fee increase will be applicable to non-residential accounts only to create cost of service equity.
- **Non-Residential Manual Meter Read (MMR)**
 - › Currently \$20 per month across all customer classes, the tiered MMR fee is being proposed for non-residential customer classes by meter size.
 - › Designed to place focus on large non-residential customers who refuse to adhere to the repair order and the NOFOL reminder notice. The increases by meter size create cost of service equity.
 - Recommended Fees
 - 5/8"-2" Meters: \$100
 - 3" - 4" Meters: \$250
 - 6"+ Meters: \$500

Inflation-Based Fee Calculations



Inflation-based Increases to Miscellaneous Customer Fees

- Miscellaneous Service Fees are being increased by 6%, based on CPI data for the DC Metro Region
- The overall revenue impact is de minimis, but it is important to reflect as fees have not been updated since 2018, although personnel and other costs have increased
- **Fees presented in Appendix 3**

Q&A



Thank you!

Contact: Jon Davis

704-936-4434 / jdavis@raftelis.com

Appendix 1: Engineering & Permitting Fees



Plan Submittal

Code	Fee name	Existing	Proposed
1001	Base Plan Submission Fee – All Review Types	\$140	\$200
1002	Rejected Plan Resubmission Fee – All Review Types	\$75	\$100

Large Plan Review Fees – Project Review

Code	Fee name	Existing	Proposed
2040	Large Basic Plan Review Fee	\$10,000	\$15,000
2041	Large Basic Plan Review Fee, Expedited	\$17,400	\$30,000
2054	Large (>2") Fire Only	\$4,500	\$5,000
2055	Large (>2") Fire Only, Expedited	\$7,800	\$10,000
2056	Large Sanitary/Combined Sewer Conn. Only (=>8")	\$4,500	\$5,000
2057	Large Sanitary/Combined Conn. Only (=>8"), Expedited	\$7,800	\$10,000
2058	Large Storm Connection Only (=>15")	\$4,500	\$5,000
2059	Large Storm Connection Only (=>15"), Expedited	\$7,800	\$10,000
7007	Large Project Dox Signoff	\$400	\$500
7007	Large Project Dox Signoff - Expedited	\$700	\$1,000

Large Plan Review Fees – Easement & Covenant, As-Built Fees

Code	Fee name	Existing	Proposed
2076	Processing of Standard Easement Covenant	\$1,000	\$2,000
2077	Processing of Standard Easement Covenant - Expedited	\$1,750	\$4,000
2078	Processing of Non-Standard Easement Covenant	\$5,000	\$8,500
2079	Processing of Non-Standard Easement Covenant - Expedited	\$8,750	\$17,000

Large Plan Review Fees – Easement & Covenant, As-Built Fees

Code	Fee name	Existing	Proposed
2080	Utility Infrastructure Only Review Fee (to 1,000 impact to mains)	New Fee	\$10,000
2080	Utility Infrastructure Only Review Fee (to 1,000 impact to mains) - Expedited	New Fee	\$20,000
2081	Utility Infrastructure Only Review Fee (to 2,500 impact to mains)	New Fee	\$15,000
2081	Utility Infrastructure Only Review Fee (to 2,500 impact to mains) - Expedited	New Fee	\$30,000
2082	Utility Infrastructure Only Review Fee (over 2,500 impact to mains)	New Fee	\$18,000
2082	Utility Infrastructure Only Review Fee (over 2,500 impact to mains) - Expedited	New Fee	\$36,000

Large Plan Review Fees – Miscellaneous

Code	Fee name	Existing	Proposed
2042	Large Foundation to Grade	\$1,000	\$1,750
2043	Large Foundation to Grade - Expedited	\$1,750	\$3,500
2044	Approved Plan Revision Large	\$1,000	\$2,000
2045	Approved Plan Revision Large - Expedited	\$1,750	\$4,000
2046	Large Project Sheeting and Shoring (Large Commercial)	\$6,500	\$12,500
2047	Large Project Sheeting and Shoring (Large Commercial) - Expedited	\$11,300	\$25,000
2050	Water and sewer availability letter (all cases)	\$500	\$750
2051	Water and sewer availability letter (all cases) - Expedited	\$880	\$1,300
2052	Temporary Water Connections	\$3,300	\$5,000
2053	Temporary Water Connections - Expedited	\$5,800	\$10,000

Large Plan Review Fees - Miscellaneous (Continued)

Code	Fee name	Existing	Proposed
2060	Large water meter size reduction plan	\$3,300	\$5,000
2061	Large water meter size reduction plan - Expedited	\$5,800	\$10,000
2062	Large Project Raze utility release letter - no abandonments	\$300	\$500
2063	Large Project Raze utility release letter - no abandonments - Expedited	\$500	\$1,000
2064	Large Project Raze utility release letter - with abandonments	\$700	\$1,500
2065	Large Project Raze utility release letter - with abandonments - Expedited	\$1,200	\$3,000

Large Plan Review Fees – Miscellaneous (Continued)

Code	Fee name	Existing	Proposed
2074	Large Plan Excessive Submission Review	\$2,400	\$3,500
2075	Large Plan Excessive Submission Review - Expedited	\$4,200	\$7,000
2090	One Day Plan Design and Review and approval (Velocity type program)	\$20,000	\$25,000

Small Plan Review Fees – Non-Residential

Code	Fee name	Existing	Proposed
2009	Small basic non-residential project per metered connection	\$3,300	\$5,000
2010	Small basic non-residential project per metered connection - Expedited	\$5,800	\$10,000
2011	Small Hybrid Non-Residential per metered connection	\$5,000	\$6,750
2012	Small Hybrid Non-Residential per metered connection - Expedited	\$8,700	\$13,500
2015	Small Non-Residential or Hybrid Approved Plan Revision	\$1,000	\$1,450
2016	Small Non-Residential or Hybrid Approved Plan Revision - Expedited	\$1,750	\$2,900
2017	Sanitary or combined Sewer connection only 6" and less	\$700	\$1,000
2018	Sanitary or combined Sewer connection only 6" and less - Expedited	\$1,200	\$2,000
2019	Storm sewer connection only less than 15"	\$700	\$1,000
2020	Storm sewer connection only less than 15" - Expedited	\$1,200	\$2,000

Small Plan Review Fees - Residential

Code	Fee name	Existing	Proposed
2005	Single Family Residential/ metered connection	\$700	\$1,500
2006	Single Family Residential/ metered connection - Expedited	\$1,200	\$3,000
2013	Small Residential Approved Plan Revision Each	\$250	\$500
2014	Small Residential Approved Plan Revision Each - Expedited	\$500	\$1,000

Small Plan Review Fees – Release Letters

Code	Fee name	Existing	Proposed
2021	Small Non-Residential or Residential Raze utility release letter - no abandonment	\$330	\$400
2022	Small Non-Residential or Residential Raze utility release letter - no abandonment - Expedited	\$580	\$800
2023	Small Non-Residential or Residential Raze permit review and utility release letter - with abandonments	\$700	\$1,000
2024	Small Non-Residential or Residential Raze permit review and utility release letter - with abdmnts - Expedited	\$1,200	\$2,000

Small Plan Review Fees - Miscellaneous

Code	Fee name	Existing	Proposed
2003	Small Sheet and Shore	\$1,000	\$1,250
2004	Small Sheet and Shore - Expedited	\$1,750	\$2,500
2027	Small Temporary Water (Non-Residential)	\$700	\$2,000
2028	Small Temporary Water (Non-Residential) - Expedited	\$1,200	\$4,000
2070	Residential Plan Excessive Submission Review	\$360	\$500
2072	Small Non-Residential Plan Excessive Submission Review	\$600	\$750
7006	Small Project Dox Signoff	\$100	\$150

Miscellaneous Permitting Fees

Code	Fee name	Existing	Proposed
2048	Abandonment Waiver Request	\$500	\$750
2049	Abandonment Waiver Request - Expedited	\$880	\$1,300
7001	Request for Information (RFI)	\$30	\$175
7002	Request for Information - Expedited	\$60	\$350
7003	Request for As-Built-Drawings	\$90	\$200
7004	Request for As-Built-Drawings - Expedited	\$150	\$400
7009	Letter in Lieu of Hydrant Flow Test	\$125	\$250

Construction Phase Customer Support

Code	Fee name	Existing	Proposed
8001	Residential Projects (including new SFU, THs, water/sewer connections, raze, temporary connection, 2" or less water meter)	New fee	\$500
8002	Small Non-Residential or Hybrid (including new connections, raze, temporary connection, 2" or less water meter)	New fee	\$2,000
8003	Large (including new connections, raze, sheeting and shoring, temporary connection, 3" or larger water meter)	New fee	\$4,500

Meter Inspection & Water Service Fees

Code	Fee name	Existing	Proposed
9001	Meter Setter Inspection	New fee	\$250
9002	Meter Setter Re-Inspection	New fee	\$250
9003	Meter Vault Inspection	New fee	\$1,000
9004	Meter Vault Re-Inspection	New fee	\$1,000
9006	Water Connections 3” and Larger	New fee	\$2,500

Existing/Proposed As-Built Fees

Fee name	Existing/Proposed (no changes)
Small Residential or Townhouse	\$250 (each bldg.)
Small Non-Residential	\$250 (each bldg.)
Small Hybrid	\$250 (each bldg.)
Large Project	\$750 (each connection – water or sewer)
Installation of New Water or Sewer Main (20 to 100 feet)	\$2,500
Each additional 200 feet of water line	\$2,000
Each additional 400 feet of sewer main/line	\$2,000
Installation of Water Line - larger than 24" in diameter	Determined on a per project basis
Installation of Sewer - larger than 60" in diameter	Determined on a per project basis

Appendix 2:

FOG/CC Fees

Hydrant Flow Tests & Meter Rentals

COS-based Fees

New Fees



FOG and Cross-Connection/Backflow Fees

Fee name	Existing	Proposed
Fats, Oils and Grease (FOG) Inspection	\$13.70	\$18.70
Cross Connection (CC) / Backflow Prevention (BPF) Inspection	\$6.70	\$6.70

Fire Hydrant Use Charges

Fee Name (1)	Existing	Proposed
Fire Hydrant Permit	\$75	\$75
Private Fire Hydrant Flush	\$81	\$90
Water and Sewer for Hydrant Use	Prevailing (usage based)	Prevailing (usage based)
3" Hydrant Meter Deposit	\$1,600	\$1,750
3" Hydrant Meter Rental <15 days	\$75	\$130
3" Hydrant Meter Rental >=15 days	\$5/day	\$10/day
3" Hydrant Meter w BP Deposit	\$2,200	\$2,750
3" Hydrant Meter w BP Rental <15 days	\$150	\$195
3" Hydrant Meter w BP Rental >=15 days	\$10/day	\$15/day
5/8" Hydrant Meter w BP Deposit	\$700	\$950
5/8" Hydrant Meter w BP Rental <15 days	\$75	\$115
5/8" Hydrant Meter w BP Rental >=15 days	\$5/day	\$10/day
Fire Hydrant Use Per Day	Usage based	Usage based

1) Fire Hydrant fees were based on labor hours (to assemble, calibrate and maintain equipment, and process permits) and equipment material costs.

43

High Strength and Waste Hauler Fees

Pretreatment Fees	Existing	Proposed
High strength grease trap waste	\$0.07/gal	\$0.077/gal
High strength septage waste	\$0.07/gal	\$0.077/gal
Domestic strength waste	\$0.003/gal	\$0.004/gal
Low strength waste	\$0.003/gal	\$0.004/gal

High Strength Waste Fees	Existing	Proposed
BOD	\$0.135/lb	\$0.162/lb
TSS	\$0.263/lb	\$0.278/lb
TN	\$1.471/lb	\$1.662/lb
TP	\$4.524/lb	\$5.234/lb

Other Fees Provided by DC Staff

Industrial User Compliance Fees (1)	Existing	Proposed
Industrial User Individual Permit Fee – Initial	\$2,500	\$2,865
Industrial User Individual Permit Fee – Renewal	\$700	\$955

Waste Hauler	Existing Fee	Proposed Fee
Waste Hauler Discharge Annual Permit Fee per vehicle (2)	\$30	\$50

(1) Increase is based on additional report review costs of \$200 (4 hours at \$50/hour), plus inflation.

(2) Proposed waste hauler fee was based on estimated cost per hour for staff time.

Miscellaneous New Fees

Service-Related Fees	Existing	Proposed
NOFOL (Non-Compliant Penalty)	\$ -	\$475
Reconnection Fee Non-Residential (\$50 for Residential)	\$ -	\$100

Manual Meter Reading Fees	Existing	Proposed
Manual Meter Reading, Non-Residential (5/8"- 2")	\$ -	\$100
Manual Meter Reading, Non-Residential (3"- 4")	\$ -	\$250
Manual Meter Reading, Non-Residential (6" and greater)	\$ -	\$500

Appendix 3: All Other Miscellaneous Fees



Retail Customer Fees

Fee Name	Existing	Proposed
Customer Bad Check Fee	\$25	\$30
Declined Credit Card Fee	\$35	\$40
Customer Penalty Late Fee	10% + 1% per month of balance due	10% + 1% per month of balance due
New Account Initiation Fee	\$50	\$55
Turn off Charges for Non-Payment	\$50	\$55
Reconnection Fee (Residential) (1)	\$50	\$50
Broken By-Pass Seal	\$700	\$745
Unauthorized Turn On	\$245	\$260
Second Water Audit within 24 months	\$125	\$135
Manual Meter Reading Fee (1)	\$20/month/meter	\$20/month/meter

1) These fees are kept constant, per DC staff. Newly added this year, the \$100 Reconnection fee for Non-Residential and the Manual Meter Reading Fees by size are in the previous appendix.

Turn-Off Charges for Cross Connection Violation

Fee name	Existing	Proposed
Cross Connection Turn-Off: 5/8" to 2"	\$200	\$215
Cross-Connection Turn-Off: 3" to 5"	\$400	\$425
Cross-Connection Turn-Off: 6" and larger	\$900	\$955

- The cross-connection violation charge occurs when the cross-connection relationship is violated
- The charge serves as a deterrent to help prevent violations

Water Taps and Connections Installation

Fee Name	Existing	Proposed
1" Tap	\$425	\$455
1.5" Tap	\$500	\$530
2" Tap	\$540	\$575
Water Connection	Reimbursable	Reimbursable
Water Tap Abandonment (2" or less)	\$400	\$425
Water Service Connection Abandonment (greater than 2")	\$800	\$850
Inspect Pointing Up Sewer Taps	\$860	\$915
Inspect Insertion of Y-Branch	\$306	\$325
Inspect Installation of Standard Cleanout	\$306	\$325
Inspect Sewer Tap Removal	\$306	\$325

Fire Hydrant Flow Tests

Fee Name	Existing	Proposed
Fire Hydrant Flow Test (Field Test)	\$300	\$320
Fire Hydrant Flow Test (Computer Model) (1)	\$200	\$320
Fire Hydrant Flow Test (Recent Test Record Available)	\$125	\$135

1) The Computer Model Hydrant Flow Test will be set equal to the Field Test, to simplify fee administration through the permits tracking and billing system.

Industrial Permitting Fees

Fee Name	Existing	Proposed
Compliance Fee – SIU/CIU – 1 outfall	\$3,100	\$3,290
Compliance Fee – SIU/CIU – 2 outfalls	\$4,300	\$4,560
Non-Significant IU – 1 outfall	\$700	\$745
Non-Significant IU – 2 outfalls	\$900	\$955

Event Fees

Fee Name	Existing	Proposed
Event Fees per Hour	\$81	\$90
Misting Tent	\$550/day	\$585/day
Mobile Brita Hydration Station	\$600	\$640
Cooling Station	\$420	\$450
Quench Buggy	\$2,500	\$2,650
DC Water Mascot (1)	\$50	\$80

(1) Rate per hour is \$20, and events assumed to be 4 hours long

Legal Fees

Fee Name (1)	Existing	Proposed
Witness Fee	Salary + Fringe	\$40 plus travel expenses
DC Water Staff Expert Witness Fee	New Fee	Salary + Fringe + Travel + Expenses
Standard Letter and Legal Pages (photocopying)	\$0.75	\$0.75
FOIA Processing	New fee	\$10 + Salary + Fringe

1) Fees provided by DC Staff in the Legal Department



Raftelis is a Registered Municipal Advisor within the meaning as defined in Section 15B (e) of the Securities Exchange Act of 1934 and the rules and regulations promulgated thereunder (Municipal Advisor Rule).

However, except in circumstances where Raftelis expressly agrees otherwise in writing, Raftelis is not acting as a Municipal Advisor, and the opinions or views contained herein are not intended to be, and do not constitute “advice” within the meaning of the Municipal Advisor Rule.

Supplemental Info: Engineering/Permitting Fees



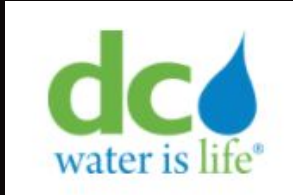
The Engineering Misc. Fees

- Although many they are basically the following:

		Percent of total fee
› Small – residential – SFU or TH	(HOME)	10%
› Medium – Non- residential-	(PPRS)	25%
› Large – Big commercial and Mixed Use	(PPRL)	48%
› Odd-ball combinations of large & Med & Small	(HYBRID)	5%
› Big holes in the ground- Support of Excavation SOE	(SHEET)	12%
› Special cases that want immediate approval	(VELOCITY)	1%
› Miscellaneous		

What are the significant changes

Code	Major categories of Review Fees	Existing FEE	Proposed FEE	% Increase	% of Revenue	Comment
2005	Small Residential	\$ 700	\$1,500	114%	10%	Residential has always been too low, \$1,500 not considered onerous
2060	Medium – Nonresidential	\$ 3,300	\$ 5,000	52%	25%	Not considered to be onerous
2040	Large – Nonresidential	\$10,000	\$ 15,000	50%	48%	Not onerous
2011	Odd ball – Hybrid	\$ 5,000	\$ 6,750	35%	5%	Falls in between medium and large
2046	Sheeting & Shoring	\$6,500	\$ 12,500	92%	12%	Have been undercharging, multi-discipline review is required
	Expedited Review	1.75X Basic	2.0 x Basic	14%	>1%	Expedited review time is half of Basic



Attachment C



2022 Potomac Interceptor Cost of Service Study and Rate Update

District of Columbia Water and Sewer Authority

DC Retail Water and Sewer Rates Committee Meeting

April 26, 2022



Agenda

- 1 Background**
- 2 Objectives and Methodology**
- 3 True-Up Evaluation Results**
- 4 Wastewater Rate Projections**
- 5 Recommendations**

Background

- **The 86th U.S. Congress authorized the design and construction of the Potomac Interceptor (PI) on June 12, 1960.**
- **DC Water charges the “Smaller PI Users” (Dulles, National Park Service, Navy, Vienna) for wholesale wastewater services pursuant to separate but similar Agreements signed in the 1960s.**
 - These Agreements are separate from the IMA agreements and the Loudoun County Sanitation Authority Agreement – no duplication of cost recovery.
 - Under the Agreement, the Small PI Users’ rates are to be adjusted periodically (three-year or greater intervals).
 - Charges are based on a proportionate allocation of operating and capital costs, and are recovered through a calculated rate per million gallons of wastewater flow.
 - Small PI Users are billed quarterly, based on actual flows.



Objectives and Methodology

Study Objectives



- **Determine the cost of providing wastewater service to the Smaller PI customers**
 - Prepare a true-up evaluation for FY 2019 - FY 2021.
 - Using actual costs and wastewater flows.
 - FY 2022 will be calculated in a future true-up using actual costs and flows.
 - Calculate projected rates per MG for cost recovery purposes for FY 2023 – FY 2025.
 - Using estimated costs and wastewater flows.

Cost of Service Methodology



Capital Cost Allocation:

$$\frac{\text{Annualized Capital Costs}}{\text{Reserve Capacity}} =$$

Capital Cost Share

Operating Expense Allocation:

$$\frac{\text{Annual Operating Expenses}}{\text{Annual Wastewater Flows}} =$$

Operating Cost Share

+

Total Small PI User Costs

$$\frac{\text{Total Small PI User Costs}}{\text{Wastewater Flow (MG)}} = \text{Rate / MG}$$



True-Up Evaluation Results (FY 2019 – FY 2021)

Eligible Operating Expenses



- **Eligible operating expenses are those related to:**
 - Wastewater Treatment Operations (95.0%)
 - Wastewater Treatment Process Engineering (100.0%)
 - Maintenance Services (100.0%)
 - Distribution/Conveyance System (35.3%)
 - Administration (29.8% to 31.3%)
 - WSSC Biosolids (100.0%)

- **Eligible cost percentages provided by DC Water**

Eligible Operating Expenses (in \$1,000s)



Department	FY 2019	FY 2020	FY 2021
WWT Operations	\$74,940	\$67,241	\$70,825
WWT Process Engineer	6,892	6,557	5,870
Maintenance Services	18,867	18,690	19,047
Distribution/Conveyance	<u>19,359</u>	<u>7,897</u>	<u>7,323</u>
Subtotal	\$120,058	\$100,384	\$103,065
Administration	35,753	31,430	32,270
WSSC Biosolids	1,740	2,159	1,649
Capital Equipment	<u>2,500</u>	<u>3,887</u>	<u>4,066</u>
Total	\$160,052	\$137,862	\$141,050

Eligible Capital Costs



- **Eligible capital costs are those related to:**
 - Potomac Pump Station
 - Blue Plains WWTP
 - Montgomery County Composting Facility
 - Common-to-all CSO Related
 - Common-to-all Sanitary Sewer Related

- **Annual costs are amortized and recovered over a period of 30 years using historical bond yields sourced from the Bond Buyer Revenue Bond Index**



Eligible Capital Costs

Total Eligible Capital Costs

Fiscal Year	Potomac PS	Blue Plains WWTP	Montgomery County Composting Facility	Common-to-all CSO	Common-to-all Sanitary Sewer
1990 – 2018	\$2,788,700	\$2,867,840,645	\$22,259,600	\$690,977,716	\$240,193,521
2019	0	54,116,528	0	203,951,447	32,992,573
2020	0	63,632,587	0	188,483,127	26,126,027
2021	0	61,185,121	0	159,510,576	30,518,227

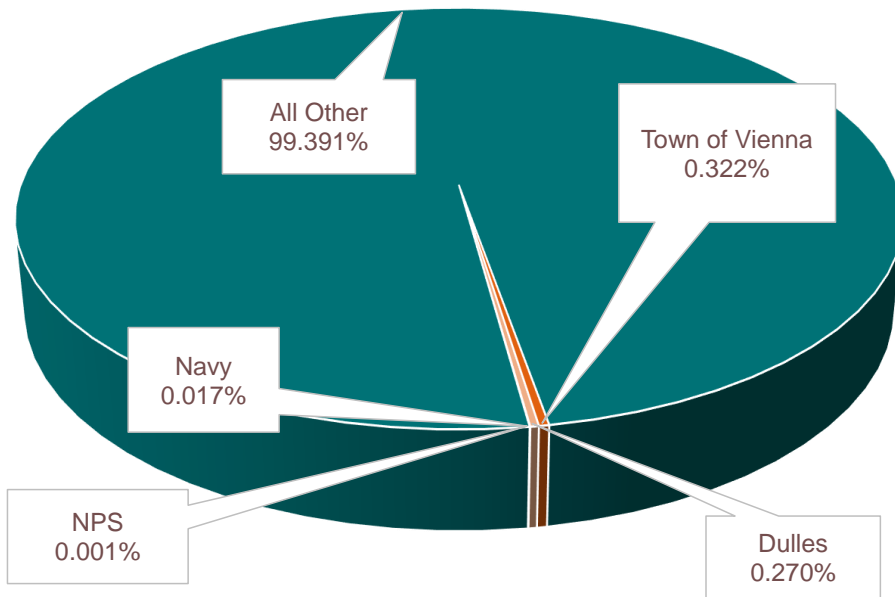
Total Eligible Amortized Capital Costs

Fiscal Year / Interest Rate	Potomac PS	Blue Plains WWTP	Montgomery County Composting Facility	Common-to-all CSO	Common-to-all Sanitary Sewer
1990–2018 / Various	\$219,803	\$187,568,735	\$1,782,709	\$39,997,001	\$14,426,256
2019 / 3.518%	0	3,089,612	0	11,643,963	1,883,607
2020 / 3.895%	0	3,147,355	0	9,322,634	1,292,229
2021 / 4.452%	0	2,937,541	0	7,658,216	1,465,202

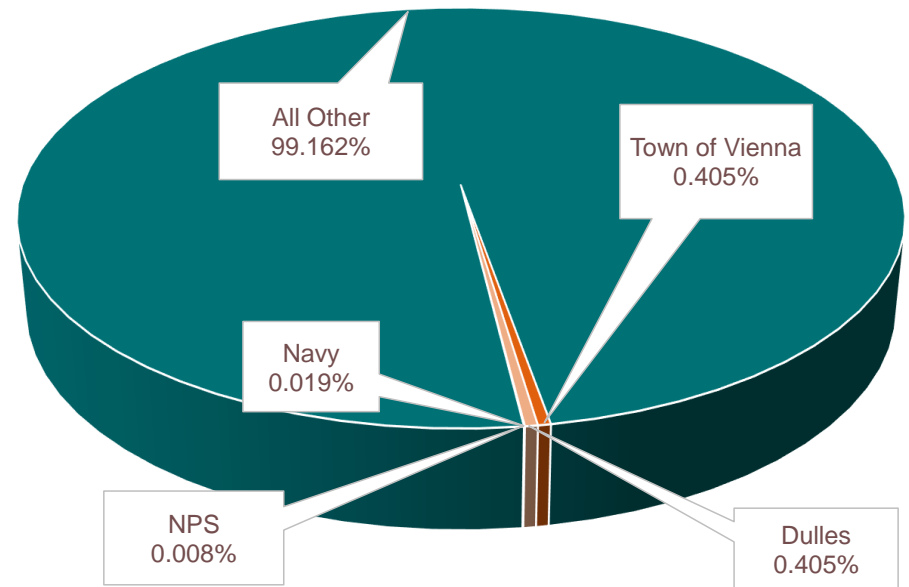


Allocation of Costs to Small PI Users

Operating Expenses Allocated Based on Wastewater Flows



Capital Costs Allocated Based on Reserve Capacity Shares at Blue Plains WWTP



© Arcadis 2021

23 April 2022



True-Up Evaluation Results

Description	Vienna	Dulles	NPS	Navy	Total
FY 2019 (Actual)	\$ 1,473,210	\$ 1,582,437	\$ 22,428	\$ 75,663	\$ 3,153,738
Amount Paid	<u>1,190,675</u>	<u>1,327,656</u>	<u>4,408</u>	<u>60,667</u>	<u>2,583,407</u>
Difference	\$ (282,535)	\$ (254,781)	\$ (18,020)	\$ (14,996)	\$ (570,332)
FY 2020 (Actual)	\$ 1,477,408	\$ 1,429,981	\$ 22,852	\$ 73,562	\$ 3,003,803
Amount Paid	1,387,900	1,284,779	6,005	81,057	2,759,741
Difference	\$ (89,509)	\$ (145,201)	\$ (16,847)	\$ 7,495	\$ (244,062)
FY 2021 (Actual)	\$ 1,716,229	\$ 1,446,314	\$ 23,738	\$ 75,570	\$ 3,261,851
Amount Paid	2,115,551	1,230,243	8,249	81,280	3,435,323
Difference	\$ 399,322	\$ (216,071)	\$ (15,489)	\$ 5,709	\$ 173,472
Total	\$ 27,278 Overpayment	\$ (616,053) Underpayment	\$ (50,355) Underpayment	\$ (1,792) Underpayment	\$ (640,922) Underpayment



Wastewater Rate Projections (FY 2023 – FY 2025)

Projected Rates for FY 2023 – FY 2025

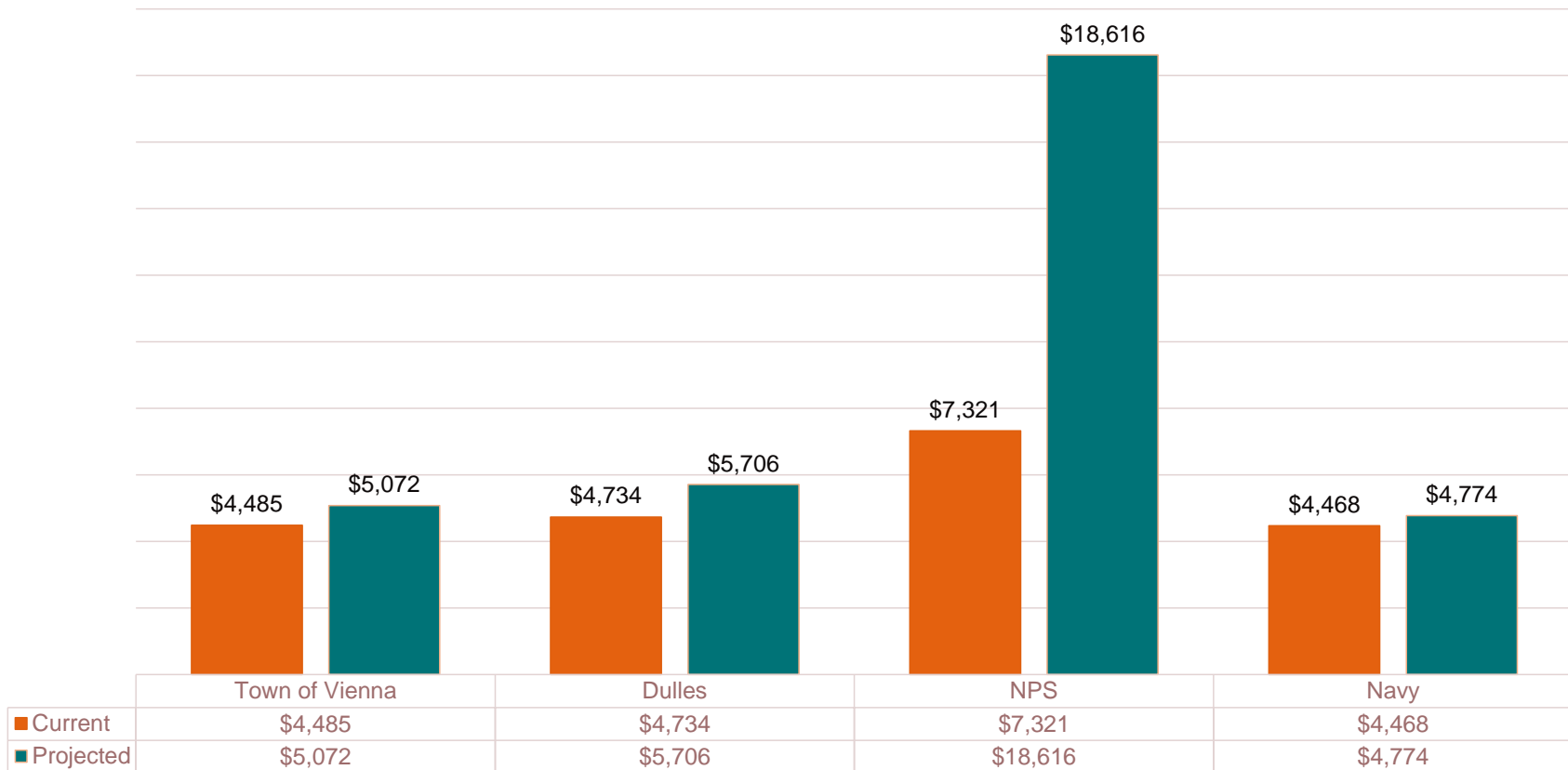


Description	Vienna	Dulles	NPS	Navy
<u>Estimated Cost of Service:</u>				
FY 2023	\$ 1,739,098	\$ 1,658,191	\$ 26,575	\$ 83,423
FY 2024	1,818,022	1,737,809	27,919	87,105
FY 2025	<u>1,897,837</u>	<u>1,818,471</u>	<u>29,278</u>	<u>90,826</u>
Total	\$ 5,454,956	\$ 5,214,471	\$ 83,773	\$ 261,355
Projected Flows (FY 2023 – 2025)	1,075.42	913.82	4.50	54.75
Projected Rate per MG	\$5,072.41	\$5,706.26	\$18,616.15	\$4,773.69
Current Rate per MG	\$4,485.27	\$4,733.67	\$7,321.20	\$4,467.80
\$ Change	\$587.14	\$972.59	\$11,294.95	\$305.89

Rate Comparison



Projected Rates Compared to Current Rates





Recommendations

Recommendations



- **Settle the true-up for FY 2019, FY 2020, and FY 2021 as outlined in the Cost of Service Study and in accordance with the “Small PI User Agreements”**

- **Adopt Projected Small PI User wastewater rates**
 - **Effective October 1, 2022, to September 30, 2025**

- **Continue to monitor billed vs. actual costs and projected vs. actual flows on an annual basis**

- **In order to mitigate large changes in rates, consider modifying the agreements to include capital (fixed) and operating (variable) rate components**



NPS PI Cost and Rate History

A	B	C	D	E	F	G
Year	Operating Expenses	Amortized Capital Costs	Total Cost of Service	Flow (MG)	Rate	Amount Paid
2016	\$ 5,217	\$ 17,186	\$ 22,403	4.17	\$ 6,467	\$ 26,988
2017	\$ 5,367	\$ 19,046	\$ 24,413	3.81	\$ 4,988	\$ 18,982
2018	\$ 1,822	\$ 20,419	\$ 22,241	1.50	\$ 4,988	\$ 7,494
2019	\$ 1,282	\$ 21,146	\$ 22,428	0.88	\$ 4,988	\$ 4,408
2020	\$ 1,023	\$ 21,829	\$ 22,852	0.82	\$ 7,321	\$ 6,005
2021	\$ 1,436	\$ 22,302	\$ 23,738	1.13	\$ 7,321	\$ 8,249
2022	\$ 5,966	\$ 24,652	\$ 30,618	3.99	\$ 7,321	\$ 29,211
2023	\$ 2,233	\$ 25,691	\$ 27,924	1.50	\$ 18,616	\$ 27,924
2024	\$ 2,233	\$ 25,691	\$ 27,924	1.50	\$ 18,616	\$ 27,924
2025	\$ 2,233	\$ 25,691	\$ 27,924	1.50	\$ 18,616	\$ 27,924

2016 – 2021- Actual Data ; 2022 – Projected Data from 2019 Report ; 2023- 2025 – Projected Data from 2022 Report



Dulles PI Cost and Rate History

A	B	C	D	E	F	G
Year	Operating Expenses	Amortized Capital Costs	Total Cost of Service	Flow (MG)	Rate	Amount Paid
2016	\$ 467,290	\$ 859,269	\$ 1,326,559	373.78	\$ 2,158	\$ 806,626
2017	\$ 472,711	\$ 952,284	\$ 1,424,995	335.25	\$ 3,668	\$ 1,229,803
2018	\$ 398,589	\$ 1,020,963	\$ 1,419,552	328.68	\$ 3,668	\$ 1,205,709
2019	\$ 525,153	\$ 1,057,284	\$ 1,582,437	361.92	\$ 3,668	\$ 1,327,656
2020	\$ 338,552	\$ 1,091,429	\$ 1,429,981	271.41	\$ 4,734	\$ 1,284,779
2021	\$ 331,242	\$ 1,115,073	\$ 1,446,315	259.89	\$ 4,734	\$ 1,230,243
2022	\$ 542,563	\$ 1,232,604	\$ 1,775,166	362.85	\$ 4,734	\$ 1,717,732
2023	\$ 453,623	\$ 1,284,534	\$ 1,738,157	301.90	\$ 5,757	\$ 1,738,157
2024	\$ 453,623	\$ 1,284,534	\$ 1,738,157	304.60	\$ 5,706	\$ 1,738,157
2025	\$ 453,623	\$ 1,284,534	\$ 1,738,157	307.32	\$ 5,656	\$ 1,738,157

2016 – 2021- Actual Data ; 2022 – Projected Data from 2019 Report ; 2023- 2025 – Projected Data from 2022 Report

ACTION ITEM 1

Approval of the Proposed Miscellaneous Fees & Charges Adjustments Effective July 22, 2022

Management Recommendation:

Chapter 1, WATER SUPPLY, of Title 21 DCMR, WATER AND SANITATION, is amended as follows:

Section 112, FEES, Subsections 112.1 through 112.6, are amended to read as follows:

112 FEES

112.1 Fees for installation, inspection and removal/abandonment of water and sewer tap or connection, and meter setter or vault, shall be as follows:

Inspection Fees	Fee
Inspect Sewer Tap Removal/Abandonment	\$325
Inspect Pointing Up Sewer Taps	\$915
Inspect Insertion of Y-Branch	\$325
Inspect Installation of Standard Cleanout	\$325
Meter Setter Inspection	\$250
Meter Setter Re-Inspection	\$250
Meter Vault Inspection	\$1,000
Meter Vault Re-Inspection	\$1,000
 Tap Insertion and Abandonment	 Fee
Tap Insertion – 1” diameter	\$455
Tap Insertion – 1-1/2” diameter	\$530
Tap Insertion – 2” diameter	\$575
Water Connection	Reimbursable
Water Connection 3” and Larger	\$2,500
Water Tap Removal/Abandonment – 2” diameter or less	\$425
Water Tap Removal/Abandonment – greater than 2” diameter	\$850

112.2 Fees for fire hydrants flow tests; fire hydrant meter rentals; rentals of fire hydrant meters with backflow preventer; and for the installation and removal of water bubblers shall be as follows:

Fee Name	Fee
Fire Hydrant Flow Test (Field Test)	\$320
Fire Hydrant Flow Test (Computer Model)	\$320
Fire Hydrant Flow Test (Recent Test Record Available)	\$135

Fire Hydrant Use – Water and Sewer Rate	Usage-Based, see 21 DCMR Chapter 41
Letter in Lieu of Hydrant Flow Test	\$250
Fire Hydrant Permit Fee	\$75
Private Fire Hydrant Flush	\$90
3” Fire Hydrant Meter Deposit	\$1,750 per rental
3” Fire Hydrant Meter Rental <15 days	\$130
3” Fire Hydrant Meter Rental ≥15 days	\$10 per day
3” Fire Hydrant Meter w/Backflow Preventer Deposit	\$2,750 per rental
3” Fire Hydrant Meter w/Backflow Preventer Rental <15 days	\$195 per rental
3” Fire Hydrant Meter w/Backflow Preventer Rental ≥15 days	\$15 per day
5/8” Fire Hydrant Meter w/Backflow Preventer Deposit	\$950 per rental
5/8” Fire Hydrant Meter w/Backflow Preventer Rental <15 days	\$115 per rental
5/8” Fire Hydrant Meter w/Backflow Preventer Rental ≥15 days	\$10 per day

Installation and Removal of Water Bubblers	Fee
1 Water Bubbler	\$262
Each additional Water Bubbler after the first in the same general location	\$54

112.4 Retail customer fees and charges; legal and copying fees; and event and equipment fees shall be as follows:

(a) Retail customer fees and charges shall be as follows:

Fee Name	Fee
Customer Bad Check Fee	\$30
Declined Credit Card Fee	\$40
Customer Penalty Late Payment Fee	10.00% after 30 days
Additional Penalty Late Payment Fee	1%/month after 60 days, compounded monthly
New Customer Account Initiation Fee	\$55
Turn-Off Charges for Non-Payment	\$55
Reconnection Fee – Residential Customer	\$50.00
Reconnection Fee – Multi-Family and Non-Residential Customer	\$100
Unauthorized Turn-On	\$260
Notice of Follow Up (NOFOL)	\$475
Compliance Fee	
Broken Bypass Seal	\$745
Second Water Audit within 24 months	\$135
Manual Meter Reading Fee ¹	\$20.00/month/meter
Manual Meter Reading Fee ¹ 5/8”-2” Multi-Family and Non-Residential	\$100
Manual Meter Reading Fee 3”-4”	\$250

Fee Name	Fee
Multi-Family and Non-Residential Manual Meter Reading Fee 6” & greater	\$500

Multi-Family and Non-Residential
¹ The Manual Meter Read Fee is charged if customer refuses or does not respond to install Automatic Meter Reader or if the meter transmission unit is not transmitting due to the customer’s failure to provide appropriate transmission requirements.

(b) Legal and copying fees shall be as follows:

Witness Fee	\$40 plus Travel Expenses
DC Water Staff Expert Witness Fee	Salary + Fringe + Travel + Expenses
Standard Letter and Legal Pages (Photocopying)	\$0.75 per sheet
FOIA Processing Fee	\$10

(c) Event and Equipment fees shall be as follows:

Size of Event (Attendees)	Number of DC Water Personnel Per Event¹	Cost per Event at \$90/hour per person
100 – 2,000	2	\$180/hour
2,000 – 5,000	4	\$360/hour
5,000 or more	6	\$540/hour

¹ Refers to the minimum number of personnel required for the event. Upon review of the event specifications, DC Water shall determine the appropriate number of personnel based on the assessed need.

Event Equipment	Cost per Unit per Event
Misting Tent ¹	\$585
Mobile Brita Hydration Station ¹	\$640
Cooling Station	\$450
Quench Buggy	\$2,650
DC Water Mascot	\$80

¹Refers to a per unit per event, assuming a single day event. For a multi-day event, the per unit cost would be multiplied by the number of days.

Section 112, FEES, Subsection 112.5 is amended to read as follows:

112 FEES

112.5 Fees for engineering reviews both standard and expedited, excessive submission, and as-built shall be as follows:

(a) **Small Project Plan Review Fees** shall be as provided in the table below for Small Projects, including:

- (1) Small Residential or Townhouse subject to 12 DCMR B Residential Code Supplement with water service and meter two inches (2”) or less;
- (2) Small Non-Residential subject to 12 DCMR A Building Code Supplement with water service and meter inches (2”) or less;
- (3) Small Hybrid means a Small Residential or Non-Residential project with a domestic water service and meter two inches (2”) or less and a fire service greater than two inches (2”); or
- (4) Projects requiring only a sewer connection six inches (6”) or less in diameter or only a storm connection less than fifteen inches (15”) in diameter.

Fee Name	Standard Fee	Expedited Review Fee	Standard Review Time* (Business Days)	Expedited Review Time* (Business Days)
Small Project Base Plan - 1 st Submission Administrative Fee – All Small Projects	\$200	N/A	N/A	N/A
Small Project Rejected Plan Resubmission Administrative Fee - All Small Projects	\$100	N/A	N/A	N/A
Small Project Sheet and Shore - All Small Projects	\$1,250	\$2,500	14	7
Small Residential or Townhouse Project per meter connection:	\$1,500	\$3,000	14	7
Small Non-Residential Project per meter connection:	\$5,000	\$10,000	21	11
Small Hybrid Project per meter connection:	\$6,750,0	\$13,500	21	11
Small Residential Approved Plan Revision (APR) per metered connection	\$500	\$1,000	14	7
Small Non-Residential or Hybrid APR per metered connection	\$1,450	\$2,900	21	11
Small Residential, Non-Residential or Hybrid Raze Utility Release Letter - No Abandonment	\$400	\$800	14	7

Fee Name	Standard Fee	Expedited Review Fee	Standard Review Time* (Business Days)	Expedited Review Time* (Business Days)
Small Raze Permit Review and Utility Release Letter - With Abandonments	\$1,000	\$2,000	14	7
Small Non-Residential Temporary Water Connections	\$2,000	\$4,000	21	11
Small Project Review and Sign Off - only in DCRA ProjectDox or for DCRA Walk-In Applicants	\$150	N/A	7	N/A

***Review Times are estimated; Actual Time may vary.**

- (b) **Large Project Plan Review Fees** (large means having a domestic water service and fire service greater than two inches (2") in diameter) shall be as provided in the table below as follows:

Fee Name	Standard Fee	Expedited Review Fee	Standard Review Time* (Business Days)	Expedited Review Time* (Business Days)
Large Project Base Plan -1 st Submission Administrative Fee	\$200	N/A	N/A	N/A
Large Project Rejected Plan Resubmission Administrative Fee	\$100	N/A	N/A	N/A
Large Plan Review Fee per meter:	\$15,000	\$ 30,000	30	15
Large Project Foundation to Grade	\$1,750	\$3,500	21	11
Large Project Approved Plan Revision (APR)	\$2,000	\$4,000	14	7
Large Project Sheeting and Shoring	\$12,500	\$25,000	30	15
Large Project Abandonment Waiver Request	\$750	\$1,300	14	7
Large Project Temporary Water Connections	\$5,000	\$10,000	21	11

Fee Name	Standard Fee	Expedited Review Fee	Standard Review Time* (Business Days)	Expedited Review Time* (Business Days)
Large Fire Service Only Greater than 2" - with no interior renovations	\$5,000	\$10,000	21	11
Large Sanitary or Combined Connection Only 8" or larger	\$5,000	\$10,000	21	11
Large Storm Connection Only 15" or larger	\$5,000	\$10,000	21	11
Large Project Doc and Sign Off Only in DCRA ProjectDox	\$500	\$1,000	10	5
Large Water Meter Size Reduction Plan (with no other work)	\$5,000	\$10,000	21	11
Large Project Raze Utility Release Letter - No Abandonments	\$500	\$1,000	14	7
Large Project Raze Utility Release Letter - With Abandonments	\$1,500	\$3,000	14	7
Utility Infrastructure Only Review Fee (0 to 1,000 linear feet of water and/or sewer mains)	\$10,000	\$20,000	30	15
Utility Infrastructure Only Review Fee (1,000 – 2,500 linear feet of water and/or sewer mains)	\$15,000	\$30,000	30	15
Utility Infrastructure Only Review Fee (greater than 2,500 linear feet of water and/or sewer mains)	\$18,000	\$36,000	30	15

***Review Times are estimated; Actual Time may vary.**

(c) **Miscellaneous Fees** shall be as provided in the table below as follows:

Fee Name	Standard Fee	Expedited Review Fee	Standard Review Time* (Business Days)	Expedited Review Time* (Business Days)
Small Residential or Townhouse Plan Excessive Submission Review (5 th review or more) per meter connection	\$500	N/A	Based on No. of metered connections	Based on No. of metered connections
1 to 5 metered connections			14	7
6 to 20 metered connections			21	11
21 to 50 metered connections			40	20
greater than 50 metered connections			50	25
Small Non-Residential and Hybrid Plan Excessive Submission Review (5 th review or more)	\$750	N/A	Based on No. of metered connections	Based on No. of metered connections
1-3 metered connections			21	11
4 or more metered connections			30	15
Large Plan Excessive Submission Review (5 th review or more)	\$3,500	\$7,000		
Request for Information (RFI)	\$175	\$350	20	10
Request for As-Built Drawings	\$200	\$400	20	10
Water and Sewer Availability Letter	\$750	\$1,300		
Delayed Abandonment or Waiver	\$750	\$1,300	14	7
Processing of Standard Easement and Covenant (Initial Document)	\$2,000	\$4,000	14	7
Processing of Non-Standard Easement and Covenant (Initial Document)	\$8,500	\$17,000	21	11
One Day Plan Design and Review and Approval (Velocity Sign-Off Program)	\$25,000	N/A	1	N/A

***Review Times are estimated; Actual Time may vary.**

- (d) **DC Water “Velocity” Sign-Off Program** (One Day Final Plan Review and Approval) - a DCRA permit applicant may request to participate in the DC Water “Velocity” program in accordance with the following requirements:
- (1) Participation in DC Water’s “Velocity” Sign-Off Program only applies to plans resubmitted after DC Water’s initial standard or expedited plan review.
 - (2) Applicant shall pay the minimum DC Water “Velocity” Sign-Off Program fee of \$25,000 in an addition to the applicable plan review fee and any other applicable fees.
 - (3) DC Water shall determine if the plans are eligible (complete and suitable) to participate in the program and that staff are available to perform the review requested.
 - (4) Upon acceptance into the DC Water “Velocity” Sign-Off Program, DC Water shall schedule a meeting with the Applicant to review and approve the plans, not less than one (1) week after the request to participate in the program.
 - (5) DC Water shall schedule one four-hour plan review and approval meeting, during which the Applicant shall present the revised plans and responses.
 - (6) If approved, the Applicant shall pay all required fees (e.g., SAF, inspection review, deposits, etc.) and DC Water shall issue the Water and Sewer Approval Certificate and approve the plans in ProjectDox.
 - (7) If DC Water issues additional comments or requirements, the applicant shall resubmit the revised plans within two (2) business days, and if all comments are acceptable, the plans shall be approved within one business day.

(e) **Existing/Proposed As-Built Fee** shall be as provided in the table below as follows:

Fee Name	Fee
Small Residential or Townhouse	\$250 (each bldg.)
Small Non-Residential	\$500 (each bldg.)
Small Hybrid	\$750 (each bldg.)
Large Project	\$750 (Each Connection – water or sewer)
Installation of New Water or Sewer Main (20 to 100 feet)	\$2,500
Each additional 200 feet of water line	\$2,000
Each additional 400 feet of sewer main/line	\$2,000
Installation of Water Line - larger than 24" in diameter	Determined on a per project basis
Installation of Sewer - larger than 60" in diameter	Determined on a per project basis

(f) **Construction Phase Customer Support Fee** that provides a proactive, white glove approach to contractor customer service to coordinate Water Services, Sewer Services, Meter Branch, Customer Service, Permits, Inspections Branch, etc. to support a one stop shop to proactively manage the construction phase. The Fee shall be as provided in the table below as follows:

(g)

Fee Name	Fee
Residential Projects (including new Small Residential or Townhouse water/sewer connections, raze, temporary connection, 2” or less water meter)	\$500
Small Non-Residential or Hybrid (including new connections, raze, temporary connection, 2” or less water meter)	\$2,000
Large (including new connections, raze, sheeting and shoring, temporary connection, 3” or larger water meter)	\$4,500

a proactive, white glove approach to contractor customer service that coordinate Water Services, Sewer Services, Meter Branch, Customer Service, Permits, Inspections Branch, etc. to support a one stop shop to proactively manage the construction phase.

112.6 Waste Hauler Permit and Disposal Fees; Pretreatment Industrial User Permit and Sampling Fees; High Strength Waste Fees; and FOG Facility fees shall be as follows:

Fee Name	Fee
Waste Hauler Discharge Annual Permit Fee per Vehicle	\$50
Waste Hauling Disposal Fees	
High strength grease trap waste	\$0.077 per gallon
High strength septage waste	\$0.077 per gallon
Domestic strength waste	\$0.004 per gallon
Low strength waste	\$0.004 per gallon
Industrial User Permit Fees	
Permit Initial Fee	\$2,865
Permit Renewal Fee	\$955
Industrial User Annual Compliance Fees	
Significant or Non-Significant Categorical Industrial User	
1 Outfall	\$3,290
2 or more Outfalls	\$4,560
Significant Non-Categorical Industrial User	
1 Outfall	\$3,100
2 or more Outfalls	\$4,300
Non-Significant Non-Categorical User	
1 Outfall	\$745
2 or more Outfalls	\$955
High Strength Waste Fees	
Biochemical Oxygen Demand (BOD)	\$0.162 per pound
Total Suspended Solids (TSS)	\$0.278 per pound
Total Kjeldahl Nitrogen (TKN) or Total Nitrogen (TN)	\$1.662 per pound
Total Phosphorus (TP)	\$5.234 per pound
Fats, Oil and Grease (FOG) Facility Monthly Fee	\$18.70 per month

Subsection 112.12(a), FEES, is amended to read as follows:

112.12 Cross-Connection/ Back Flow Prevention Fees and Turn-Off Charges

- (a) The Cross-Connection/ Back Flow Prevention Fees and Turn-Off Charges shall be as follows:

Fee Name	Fee
Cross-Connection/Back Flow Prevention Monthly Fee per Assembly	\$6.70
Cross-Connection Turn-off - 5/8” to 2”	\$215
Cross-Connection Turn-off - 3” to 5”	\$425
Cross-Connection Turn-off - 6” and larger	\$955

Attachment E

FY 2022 Proposed RRC Committee Workplan

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
1. Adjust Retail Rates for FY 2023 & FY 2024			
a. Present FY 23 & FY 24 Budget to Board	January 6, 2022	√	EVP F&P
b. Present Proposed FY 23 & FY 24 Rates, Fees & Charges in the Joint Meeting of RRC and F&B Committees	January 25, 2022	√	Rates and Revenue
c. Independent Review of Rates – Presentation by Consultant	February 22, 2022	√	Rates and Revenue
d. RRC recommendation on Proposed FY 23 & FY 24 Rates, Fees and Charges	February 22, 2022	√	Rates and Revenue
e. Submit Independent Review of Proposed Rates and 2022 Cost of Service Study to Mayor and Council and post both on DC Water’s website	February 28, 2022	√	Rates and Revenue
f. Board approves Notice of Proposed Rulemaking (NOPR) for Proposed FY 23 & FY 24 Rates, Fees and Charges.	March 3, 2022	√	Board of Directors
g. Publish NOPR in D.C. Register for Proposed FY 23 & FY 24 Rates, Fees and Charges	March 18, 2022	√	DGLA
h. Outreach and Public Comment Period	March 18 - May 16, 2022		OMAC & Board Secretary
i. Public Hearing	May 11, 2022		Board of Directors
j. Public Hearing Record Closes	May 16, 2022		Board Secretary
k. Submit Response to Public Comments report to Board and post on DC Water website	May 31, 2022		Rates and Revenue
l. Present final FY 23 & FY 24 Rates, Fees and Charges to RRC for recommendation to Board	June 28, 2022		Rates and Revenue
m. Board approves Notice of Final Rulemaking (NOFR) for FY 23 & FY 24 Rates, Charges & Fees	July 7, 2022		Board of Directors
n. Publish NOFR in D.C. Register for Amended Rates, Fees and Charges	July 22, 2022		DGLA
o. Amended Rates, Fees and Charges Go-Live	October 1, 2022 (FY 2023) October 1, 2023 (FY 2024)		Rates and Revenue

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
---------------------------	------------------	-----------	------------------------

2. 2022 Cost of Service Study (COS) for Water, Sewer and CRIAC			
a. Present COS to RRC	January 25, 2022	√	Rates & Revenue
b. Post Final COS on DC Water’s website	February 25, 2022	√	Rates & Revenue

Attachment B

FY 2022 Proposed RRC Committee Workplan

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
3. 2022 Potomac Interceptor Cost of Service Study (FY 2023 – FY 2025)			
a. <i>Present 2022 Potomac Interceptor Cost of Service Study for FY 2023 – FY 2025 rates to RRC</i>	April 26, 2022		Rates & Revenue

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
4. New High Flow Filter Backwash Sewer Service Rate			
a. <i>Presentation to RRC amend Retail Sewer Rates Regulations to Establish new Filter Backwash Sewer Rate</i>	July 27, 2021	√	Clean Water Quality and Technology
b. <i>RRC recommend approval of proposal to amend the Retail Sewer Rates Regulations to Establish new Filter Backwash Sewer Rate</i>	July 27, 2021	√	RRC
c. <i>Board approval to publish Notice of Proposed Rulemaking (NOPR) to amend the Retail Sewer Rates Regulations to Establish new Filter Backwash Sewer Rate</i>	September 2, 2021	√	Board of Directors
d. <i>Post COS on website</i>	September 14, 2021	√	Rates & Revenue
e. <i>Publish NOPR and Notice of Public Hearing in D.C. Register</i>	September 17, 2021	√	DGLA
f. <i>Outreach and Public Comment Period</i>	Sept. 17 – Nov. 15, 2021	√	Marketing &
g. <i>Submit Cost of Service study to Mayor and Council and post on DC website</i>	September 20, 2021	√	Comm.Rates and Revenue
h. <i>Submit Independent Review of Proposed Rates to Mayor and Council and post on website</i>	October 6, 2021		Rates and Revenue
i. <i>Public Hearing</i>	November 10, 2021	√	
j. <i>Public Comment Period Closes</i>	November 15, 2021	√	Board of Directors
k. <i>Present Response to Comments Report to RRC and post on DC Water website</i>	November 16, 2021	√	Board Secretary
l. <i>RRC approves final proposal to amend Retail Sewer Rates Regulations to Establish new Filter Backwash Sewer Rate</i>	November 16, 2021	√	Rates and Revenue/Pretreatment
m. <i>Board approval to publish Notice of Final Rulemaking (NOFR)</i>	December 2, 2021	√	RRC
n. <i>Publish NOFR in D.C. Register</i>	December 17, 2021	√	Board of Directors
o. <i>Implementation of the new High Flow Filter Backwash Sewer Rate</i>	December 17, 2021		DGLA CWQT

Attachment E

FY 2022 Proposed RRC Committee Workplan			
Objective/Activities/Task	Date of Activity	Completed	Responsible Department
5. Proposal to Amend CAP Regulations to Extend DC Water Cares Residential and Multi-family Programs for FY 2022 and Waive FY 2021 CAP2 Customer Recertification Requirement for FY 2022			
a. <i>Update to RRC on DC Water Cares Residential and Multi-family Assistance Programs (RAP and MAP Programs for FY 2022)</i>	June 22, 2021	√	Customer Service
b. <i>Presentation of Proposal to RRC to Amend CAP Regulations to Extend DC Water Cares RAP and MAP Programs for FY 2022 and publication of NOEPR</i>	July 27, 2021	√	Customer Service
c. <i>RRC Recommends Approval of Proposal to Board to Amend the CAP Regulations to Extend DC Water Cares RAP and MAP Programs for FY 2022</i>	July 27, 2021	√	RRC
d. <i>Update RRC to recommend CAP amendments to waive FY 2021 CAP2 Customer's Recertification requirements for FY 2022</i>	August 31, 2021	√	Customer Service/ DGLA
e. <i>RRC recommends Approval of Proposal to Board to Amend te CAP Regulations to waive FY 2021 CAP2 Customer's Recertification Requirement for FY 2022 with other CAP amendments</i>	August 31, 2021	√	Customer Service/ DGLA
f. <i>Board Approval to Publish Notice of Emergency and Proposed Rulemaking (NOEPR) to Amend CAP Regulations to Extend DC Water Cares RAP and MAP Programs for FY 2022 and Waive FY 2021 CAP2 Customer's Recertification Requirement for FY 2022</i>	September 2, 2021	√	Board of Directors
g. <i>Publish NOEPR and Notice of Public Hearing in D.C. Register</i>	September 17, 2021	√	DGLA
h. <i>Public Comment Period Begins</i>	Sept. 17 – Nov. 15, 2021	√	Marketing & Comm.
i. <i>Implement extended DC Water Cares RAP and MAP Programs for FY 2022 and Waiver of FY 2021 CAP2 Customer's Recertification Requirement for FY 2022</i>	October 1, 2021	√	Customer Servic
j. <i>Public Hearing</i>	November 10, 2021	√	RRC
k. <i>Public Comment Period Closes</i>	November 15, 2021	√	Board Secretary
l. <i>Present proposal to RRC for Notice of Final Rulemaking (NOFR) for DC Water Cares RAP, MAP and CAP2 including responses ro comments</i>	November 16, 2021	√	RRC

Attachment B

FY 2022 Proposed RRC Committee Workplan

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
5. Proposal to Amend CAP Regulations to Extend DC Water Cares Residential and Multi-family Programs for FY 2022 and Waive FY 2021 CAP2 Customer Recertification Requirement for FY 2022 (Continued)			
<i>m. RRC recommendation for Board to approve and adopt for publication of NOFR for DC Water Cares RAP and MAP Programs and Waiver of CAP2 Recertification for FY 2022</i>	November 16, 2021	√	RRC
<i>n. Board approval and adoption for publication of NOFR for DC Water Cares RAP and MAP Programs and Waiver of CAP2 Recertification for FY 2022</i>	December 2, 2021	√	Board of Directors
<i>o. Publish NOFR in the D.C. Register</i>	December 17, 2021	√	DGLA
<i>p. Continue Implementing DC Water Cares RAP and MAP Programs and Waiver of FY 2021 CAP2 Customer's Recertification Requirement for FY 2022</i>	December 17, 2021	√	Customer Service

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
---------------------------	------------------	-----------	------------------------

6. Amend 21 DCMR Chapter 4			
<i>a. Present Proposed Revisions to Regulations for Customers Challenging their Bills to RRC</i>	July 27, 2021	√	Customer Service
<i>b. RRC recommendations for Board approval for of proposal proposed to amendments to 21 DCMR Chapter 4 regulations</i>	July 27, 2021	√	RRC
<i>c. Board Approval to Publish Notice of Proposed Rulemaking (NOPR) to Amend 21 DCMR Chapter 4 regulations</i>	September 2, 2021	√	Board of Directors
<i>d. Publish NOPR in DC Register</i>	September 17, 2021	√	Legal Affairs
<i>e. Outreach and Public Comment Period</i>	Sept. 17 – Oct. 18, 2021	√	OMAC & Board
<i>f. RRC recommendation for Board approval and adoption of final amendments to 21 DCMR Chapter 4 regulations</i>	November 16, 2021	√	Secretary RRC
<i>g. Board Approval and Adoption of Notice of Final Rulemaking (NOFR) to Amend 21 DCMR Chapter 4 regulations</i>	December 2, 2021	√	Board of Directors
<i>h. Publish NOFR in the DC Register</i>	December 17, 2021	√	DGLA
<i>i. Chapter 4 Rules and Billing System – Go Live</i>	December 17, 2021	√	Customer Service

Attachment E

FY 2022 Proposed RRC Committee Workplan

Objective/Activities/Task	Date of Activity	Completed	Responsible Department
7. 2022 Cost of Service Miscellaneous Fees and Charges			
a. <i>Present COS Update and Proposed Amendments to Miscellaneous Fees & Charges for RRC Recommendation</i>	April 26, 2022		Rates & Revenue
b. <i>Board Approval of Notice of Proposed Rulemaking (NOPR) for Miscellaneous Fees & Charges</i>	May 5, 2022		Board of Directors
c. <i>Publish NOPR in DC Register</i>	May 20, 2022		DGLA
d. <i>Public Comment period</i>	May 20–June 20, 2022		Board Secretary
e. <i>RRC Final Recommendation to Approve Amendments for Miscellaneous Fees & Charges</i>	June 28, 2022		Rates & Revenue
f. <i>Board Approval of Notice of Final Rulemaking (NOFR)</i>	July 7, 2022		Board of Directors
g. <i>Publish NOFR in DC Register</i>	July 22, 2022		DGLA
h. <i>Miscellaneous Fees & Charges Go-Live</i>	July 22, 2022		Rates & Revenue/ Permitting/Customer Care

8. Delinquent Accounts			
a. <i>Soldiers Home Negotiations</i>	Monthly, as needed		DGLA

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



Attachment F

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

**Tuesday, May 24, 2022; 9:30 a.m.
AGENDA**

Call to Order	Committee Chairman
Monthly Updates	Chief Financial Officer
Committee Workplan	Chief Financial Officer
Agenda for June 28, 2022 Committee Meeting	Committee Chairman
Other Business	Chief Financial Officer
Adjournment	

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