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TABLE C-1: PROJECTED REVENUE AND REVENUE REQUIREMENTS
Base and TAP-R Surcharge Rates
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
OPERATING REVENUE				
1	Water Service - Existing Rates	302,182	301,922	304,763
2	Wastewater Service - Existing Rates	482,399	487,901	490,571
3	Total Service Revenue - Existing Rates	784,581	789,823	795,335
	Additional Service Revenue Required			
	Percent			
	Months			
	<u>Year</u>	<u>Increase</u>	<u>Effective</u>	
4	FY 2024	7.85%	10	52,335
5	FY 2025	8.14%	10	63,139
6	Total Additional Service Revenue Required	-	52,335	120,154
7	Total Water & Wastewater Service Revenue	784,581	842,158	915,489
	Other Income (a)			
8	Other Operating Revenue	20,247	24,642	32,513
9	Debt Reserve Account Interest Income	-	-	-
10	Operating Fund Interest Income	1,907	3,067	3,225
11	Rate Stabilization Interest Income	1,365	2,076	2,133
12	Total Revenues	808,100	871,942	953,361
OPERATING EXPENSES				
13	Total Operating Expenses	(564,671)	(603,166)	(638,189)
NET REVENUES				
14	Transfer From/(To) Rate Stabilization Fund	1,080	4,209	24
15	NET REVENUES AFTER OPERATIONS	244,509	272,986	315,196
DEBT SERVICE				
	Senior Debt Service			
	Revenue Bonds			
16	Outstanding Bonds	(187,747)	(185,847)	(183,090)
17	PENNVEST Loans	(10,935)	(12,031)	(16,329)
18	Projected Future Bonds	-	(19,167)	(50,132)
19	Commercial Paper	(900)	(900)	(900)
20	WIFIA	-	(17)	(956)
21	Total Senior Debt Service	(199,582)	(217,961)	(251,406)
22	TOTAL SENIOR DEBT SERVICE COVERAGE (L15/L21)	1.22 x	1.25 x	1.25 x
23	Subordinate Debt Service	-	-	-
24	Transfer to Escrow	-	-	-
25	Total Debt Service on Bonds	(199,582)	(217,961)	(251,406)
26	CAPITAL ACCOUNT DEPOSIT	(23,383)	(24,295)	(25,242)
27	TOTAL COVERAGE (L15/(L21+L23+L26))	1.09 x	1.12 x	1.13 x
28	End of Year Revenue Fund Balance	21,544	30,730	38,547

TABLE C-1: PROJECTED REVENUE AND REVENUE REQUIREMENTS
Base and TAP-R Surcharge Rates
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
RESIDUAL FUND				
29	Beginning of Year Balance	16,102	20,122	20,266
30	Interest Income	180	311	322
	Plus:			
31	End of Year Revenue Fund Balance	21,544	30,730	38,547
32	Deposit for Transfer to City General Fund (b)	1,945	1,999	2,026
	Less:			
33	Transfer to Construction Fund	(16,600)	(29,800)	(34,400)
34	Transfer to City General Fund	(1,945)	(1,999)	(2,026)
35	Transfer to Debt Reserve Account	(1,105)	(1,096)	(4,298)
36	End of Year Balance	20,122	20,266	20,438
RATE STABILIZATION FUND				
37	Beginning of Year Balance (c)	138,989	137,909	133,700
38	Deposit From/(To) Revenue Fund	(1,080)	(4,209)	(24)
39	End of Year Balance	137,909	133,700	133,676

(a) Includes other operating and nonoperating income, including interest income on funds and accounts transferable to the Revenue Fund and reflects projected contra revenue credits for Affordability Program Discounts (TAP Costs).

(b) Transfer of interest earnings from the Debt Reserve Account to the Residual Fund as shown in Line 32 to satisfy the requirements for the transfer to the City General Fund shown on Line 34.

(c) FY 2023 beginning balance is estimated based on preliminary FY 2022 results.

TABLE C-1A: PROJECTED REVENUE AND REVENUE REQUIREMENTS
Base Rates Excluding TAP-R Surcharge
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
OPERATING REVENUE				
1	Water Service - Existing Rates	296,994	296,347	299,077
2	Wastewater Service - Existing Rates	474,313	478,949	481,427
3	Total Service Revenue - Existing Rates	771,307	775,296	780,504
	Additional Service Revenue Required			
	Percent Increase			
	Months Effective			
4	FY 2024	9.64%	10	61,022
5	FY 2025	8.16%	10	75,268
6	Total Additional Service Revenue Requir	-	61,022	132,283
7	Total Water & Wastewater Service Reve	771,307	836,318	912,787
	Other Income (a)			
8	Other Operating Revenue	29,601	34,591	34,639
9	Debt Reserve Account Interest Income	-	-	-
10	Operating Fund Interest Income	1,907	3,067	3,225
11	Rate Stabilization Interest Income	1,365	2,076	2,133
12	Total Revenues	804,180	876,052	952,785
OPERATING EXPENSES				
13	Total Operating Expenses	(564,671)	(603,166)	(638,189)
NET REVENUES				
14	Transfer From/(To) Rate Stabilization Fu	5,000	100	600
15	NET REVENUES AFTER OPERATIONS	244,509	272,986	315,196
DEBT SERVICE				
	Senior Debt Service			
	Revenue Bonds			
16	Outstanding Bonds	(187,747)	(185,847)	(183,090)
17	PENNVEST Loans	(10,935)	(12,031)	(16,329)
18	Projected Future Bonds	-	(19,167)	(50,132)
19	Commercial Paper	(900)	(900)	(900)
20	WIFIA	-	(17)	(956)
21	Total Senior Debt Service	(199,582)	(217,961)	(251,406)
22	TOTAL SENIOR DEBT SERVICE COVERAGI	1.22 x	1.25 x	1.25 x
23	Subordinate Debt Service	-	-	-
24	Transfer to Escrow	-	-	-
25	Total Debt Service on Bonds	(199,582)	(217,961)	(251,406)
26	CAPITAL ACCOUNT DEPOSIT	(23,383)	(24,295)	(25,242)
27	TOTAL COVERAGE (L15/(L21+L23+L26))	1.09 x	1.12 x	1.13 x
28	End of Year Revenue Fund Balance	21,544	30,730	38,547

(a) Includes other operating and nonoperating income, including interest income on funds and accounts transferable to the Revenue Fund.

TABLE C-1B: PROJECTED REVENUE AND REVENUE REQUIREMENTS
TAP-R Surcharge Rates Excluding Base Rates
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
OPERATING REVENUE				
1	Water Service - Existing Rates	5,189	5,576	5,686
2	Wastewater Service - Existing Rates	8,085	8,951	9,144
3	Total Service Revenue - Existing Rates	13,274	14,527	14,831
	Additional Service Revenue Required			
	Percent Increase			
	Months Effective			
4	FY 2024		(8,687)	(12,129)
5	FY 2025			-
6	Total Additional Service Revenue Required	-	(8,687)	(12,129)
7	Total Water & Wastewater Service Revenue	13,274	5,840	2,701
	Other Income			
8	Other Operating Revenue (a)	(9,354)	(9,949)	(2,125)
9	Debt Reserve Account Interest Income	-	-	-
10	Operating Fund Interest Income	-	-	-
11	Rate Stabilization Interest Income	-	-	-
12	Total Revenues	3,920	(4,109)	576
OPERATING EXPENSES				
13	Total Operating Expenses	-	-	-
NET REVENUES				
14	Transfer From/(To) Rate Stabilization Fund (b)	(3,920)	4,109	(576)
15	NET REVENUES AFTER OPERATIONS	-	-	-
DEBT SERVICE				
	Senior Debt Service			
	Revenue Bonds			
16	Outstanding Bonds	-	-	-
17	PENNVEST Loans	-	-	-
18	Projected Future Bonds	-	-	-
19	Commercial Paper	-	-	-
20	WIFIA	-	-	-
21	Total Senior Debt Service	-	-	-
22	TOTAL SENIOR DEBT SERVICE COVERAGE (L15/L21)	NA	NA	NA
23	Subordinate Debt Service	-	-	-
24	Transfer to Escrow	-	-	-
25	Total Debt Service on Bonds	-	-	-
26	CAPITAL ACCOUNT DEPOSIT	-	-	-
27	TOTAL COVERAGE (L15/(L21+L23+L26))	NA	NA	NA
28	End of Year Revenue Fund Balance	-	-	-

(a) FY 2023 and FY 2024 reflect TAP Credits based on the 2023 Annual Adjustment (Joint Petition for Settlement of TAP-R Proceeding - Exhibit 1).

FY 2025 reflects the TAP-R revenue requirement based on the 2023 Annual Adjustment (Joint Petition for Settlement of TAP-R Proceeding - Exhibit 1).

(b) Rate Stabilization Fund transfers necessary to meet over or under recovery of TAP costs until recovery is reconciled via TAP-R reconciliation.

Note: This table reflects the 2023 TAP Rate Adjustment Rate Board Decision.

TABLE C-2
Base and TAP-R Surcharge Rates
COMBINED SYSTEM: PROJECTED RATE STABILIZATION FUND
AND COVENANTS METRICS PERFORMANCE

Line #	Description	2023	2024	2025
Rate Stabilization Fund		in thousand dollars (1,000 dollars)		
1	Beginning Balance: Rate Stabilization Fund (a)	138,989	137,909	133,700
2	Transfers From (To) Revenue Fund (b)	(1,080)	(4,209)	(24)
3	Year-End Rate Stabilization Fund Balance (Line 1 + Line 2)	137,909	133,700	133,676
General Bond Ordinance Covenants				
4	Senior Debt Coverage (c)	1.22	1.25	1.25
5	Total Debt Coverage (d)	1.09	1.12	1.13
6	90% Test - Senior Debt Coverage from Current Revenues (e)	1.21	1.23	1.25
O&M Actual to Budget Ratio				
7	Projected O&M Budget (f)	659,216	704,477	743,423
8	O&M Actual to Budget Ratio	90.8%	91.1%	91.4%
Rate Ordinance Requirements				
9	Projected Total Revenues	808,100	871,942	953,361
10	Projected Total Appropriations (g)	903,725	977,463	1,058,618
11	Rate Ordinance Requirement Compliance (h)	Yes	Yes	Yes
Cash Funding				
12	Cash Funded Capital (i)	39,983	54,095	59,642
13	Capital Improvement Program Annual Expenses	337,627	513,964	606,056
14	Cash Funded Capital Ratio (j)	11.8%	10.5%	9.8%

(a) FY 2023 beginning balance is estimated based on FY 2022 preliminary financial results.

(b) See Line 14 in Table C-1.

(c) Senior Debt Coverage = (Total Revenues - Operating Expenses + Transfer From (to) Rate Stabilization) divided by Senior Debt. The General Bond Ordinance requires the minimum Senior Debt Service Coverage of 1.20.

(d) Total Debt Coverage = (Total Revenues - Operating Expenses + Rate Stabilization Transfer) divided by (Senior Debt + Subordinate Debt + Capital Account Deposit). The 1989 General Ordinance requires the minimum Total Debt Service Coverage of 1.00.

(e) Senior Debt Coverage from Current Revenues = (Total Revenues - Operating Expenses - Transfer to Rate Stabilization Fund) divided by Senior Debt. Transfers from Rate Stabilization are excluded from the Total Revenues. The General Bond Ordinance requires a minimum Senior Debt Service Coverage of 0.90 from Current Revenues.

(f) FY 2023 budget reflects the PWD adopted budget; FY 2024 and FY 2025 budgets reflect annual cost escalation factors.

(g) Total Appropriation = Total O&M Budget + Senior Debt + Subordinate Debt + Transfer to Escrow + Capital Account Deposit + Transfer to Rate Stabilization Fund + Transfer to Residual Fund. Costs to service the City included as required by the General Bond Ordinance rate covenants.

(h) Rate Ordinance requires that Total Revenues not exceed Total Appropriations.

(i) Cash Funded Capital = Capital Account Deposit + Residual Transfer to Construction Fund

(j) Cash Funded Capital Ratio = Cash Funded Capital divided by Capital Improvement Program annual expenses.

TABLE C-3: PROJECTED RECEIPTS UNDER EXISTING RATES
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
1	Water Sales Receipts	296,994	296,347	299,077
	Wastewater Sales Receipts			
2	Sanitary Sewer	285,327	286,979	289,445
3	Stormwater	188,987	191,970	191,982
4	Subtotal Wastewater Service Receipts	474,313	478,949	481,427
5	Total Water & Wastewater Receipts	771,307	775,296	780,504
Other Income				
6	Penalties	9,588	9,651	9,699
7	Miscellaneous City Revenue	2,160	2,160	2,160
8	Other	9,059	9,059	9,059
9	State & Federal Grants	567	567	567
10	Permits Issued by L&I	7,592	7,592	7,592
11	Miscellaneous (Procurement)	335	335	335
12	City & UESF Grants	300	300	300
13	Affordability Program Discount Cost (a)	-	4,927	4,927
14	Release from Debt Reserve Account (b)	-	-	-
15	Other Operating Revenues	29,601	34,591	34,639
Interest Income				
16	Interest Income on Debt Reserve Account (c)	-	-	-
17	Operating Fund	1,907	3,067	3,225
18	Rate Stabilization Fund	1,365	2,076	2,133
19	Total Nonoperating Income	3,272	5,143	5,358
20	Total Receipts	804,180	815,030	820,501

(a) Affordability Program Discounts represent anticipated lost revenue due to the Tiered Assistance Program (TAP).

Beginning in FY 2019, TAP Revenue Loss is recovered via the TAP Rate Rider Surcharge.

(b) Projected Release from Debt Reserve Account based on outstanding and proposed debt service payments.

(c) Excludes deposit into Residual Fund for Transfer to City General Fund.

**TABLE C-4
COMBINED SYSTEM: COMPARISON OF TYPICAL
BILL FOR RESIDENTIAL CUSTOMERS
UNDER EXISTING AND PROPOSED RATES**

(1) Meter Size	(2) Monthly Use	(3) FY 2023		(4) FY 2024		(5) FY 2025	
		Existing Rates	Proposed Rates	% Proposed of Existing	Proposed Rates	% Proposed of FY 2024	
Inches	Mcf	\$	\$	%	\$	%	
5/8	0.00	30.52	30.87	1.1	33.22	7.6	
5/8	0.20	47.76	50.39	5.5	54.38	7.9	
5/8	0.30	56.38	60.16	6.7	64.97	8.0	
5/8	0.40	65.00	69.93	7.6	75.55	8.0	
5/8	0.45	69.31	74.81	7.9	80.84	8.1	
5/8	0.50	73.62	79.70	8.3	86.14	8.1	
5/8	0.60	82.23	89.45	8.8	96.71	8.1	
5/8	0.70	90.85	99.22	9.2	107.30	8.1	
5/8	0.80	99.47	108.99	9.6	117.88	8.2	
5/8	1.70	177.04	196.86	11.2	213.12	8.3	
5/8	2.70	260.45	290.33	11.5	314.43	8.3	
5/8	3.30	309.79	345.35	11.5	374.06	8.3	

Typical Senior

Typical Residential

Notes:

FY 2023 figures reflect the existing base and current TAP-R rates, of \$1.03/Mcf for water and \$1.63/Mcf for sewer.

FY 2024 and FY 2025 figures reflect the Rate Board Determination in the 2023 General Rate Proceeding and the Rate Board Determination in the 2023 TAP-R Reconciliation. The approved TAP-R rates for FY 2024 are \$0.15/Mcf for water and \$0.24/Mcf for sewer. The TAP-R Rates are subject to annual reconciliation.

Typical Senior Citizen is presented prior to discount. Eligible Senior Citizen's receive a 25% discount on their total bill. The associated FY 2023, FY 2024, and FY 2025 bills would be \$42.28, \$45.12, and \$48.73, respectively.

Mcf - Thousand cubic feet

**TABLE C-5
COMBINED SYSTEM: COMPARISON OF EXAMPLE BILLS
FOR NON-RESIDENTIAL CUSTOMERS
UNDER EXISTING AND PROPOSED RATES**

(1) Meter Size	(2) Monthly Use Mcf	(3) Impervious Area sf	(4) Gross Area sf	(5)		(6)	(7)	(8)	(9)
				FY 2023		FY 2024		FY 2025	
Inches				Existing Rates \$	Proposed Rates \$	% Proposed of Existing %	Proposed Rates \$	% Proposed of FY 2024 %	
5/8	0.0	1,794	2,110	40.77	41.44	1.6	44.88	8.3	
5/8	0.2	1,794	2,110	58.01	60.96	5.1	66.04	8.3	
5/8	0.3	1,794	2,110	66.63	70.73	6.1	76.63	8.3	
5/8	0.4	1,794	2,110	75.25	80.50	7.0	87.21	8.3	
5/8	0.5	4,000	5,500	110.50	117.67	6.5	128.20	9.0	
5/8	0.6	4,000	5,500	119.11	127.42	7.0	138.77	8.9	Typical Small Business
5/8	0.7	4,000	5,500	127.73	137.19	7.4	149.36	8.9	
5/8	0.8	26,000	38,000	428.57	447.60	4.4	493.57	10.3	
5/8	1.7	26,000	38,000	506.14	535.47	5.8	588.81	10.0	
5/8	2.7	4,000	5,500	297.33	328.30	10.4	356.49	8.6	
5/8	3.3	4,000	5,500	346.67	383.32	10.6	416.12	8.6	
5/8	11.0	7,000	11,000	1,021.27	1,131.98	10.8	1,228.68	8.5	
1	1.7	7,700	7,900	269.90	292.45	8.4	318.78	9.0	
1	5.0	22,500	24,000	726.58	786.54	8.3	859.20	9.2	
1	8.0	7,700	7,900	789.08	871.88	10.5	946.80	8.6	
1	17.0	22,500	24,000	1,713.22	1,886.82	10.1	2,051.76	8.7	
2	7.6	1,063	1,250	704.84	781.77	10.9	846.39	8.3	
2	16.0	22,500	24,000	1,661.16	1,825.70	9.9	1,984.95	8.7	
2	33.0	66,500	80,000	3,629.34	3,971.74	9.4	4,326.15	8.9	
2	100.0	7,700	7,900	8,383.48	9,337.93	11.4	10,122.33	8.4	
4	30.0	7,700	7,900	2,730.78	3,023.37	10.7	3,275.80	8.3	
4	170.0	10,500	12,000	13,565.46	15,052.51	11.0	16,314.64	8.4	
4	330.0	26,000	38,000	25,308.97	28,014.75	10.7	30,369.44	8.4	
4	500.0	140,000	160,000	39,004.58	43,042.72	10.4	46,696.02	8.5	
6	150.0	10,500	12,000	12,269.79	13,606.90	10.9	14,744.68	8.4	
6	500.0	41,750	45,500	37,895.92	41,898.12	10.6	45,418.90	8.4	
6	1,000.0	26,000	38,000	73,748.50	81,534.54	10.6	88,374.08	8.4	
6	1,500.0	140,000	160,000	111,230.51	122,850.31	10.4	133,192.86	8.4	
8	750.0	10,500	12,000	55,688.42	61,575.60	10.6	66,732.43	8.4	
8	1,500.0	66,500	80,000	110,469.34	122,063.00	10.5	132,311.27	8.4	
8	2,000.0	26,000	38,000	145,999.13	161,367.24	10.5	174,897.83	8.4	
8	3,000.0	140,000	160,000	218,581.14	241,393.01	10.4	261,666.61	8.4	
10	600.0	22,500	24,000	45,237.24	49,994.20	10.5	54,179.04	8.4	
10	1,700.0	41,750	45,500	124,772.89	137,875.33	10.5	149,436.16	8.4	
10	3,300.0	26,000	38,000	238,691.47	263,681.75	10.5	285,779.34	8.4	
10	6,000.0	140,000	160,000	432,211.48	477,225.52	10.4	517,252.12	8.4	

(a) Examples with gross area less than 5,000 square feet reflect an impervious area of 85% of the gross area consistent with PWD Regulations section 304.3.
 (b) The FY 2023 figures reflect the existing base and current TAP-R rates, of \$1.03/Mcf for water and \$1.63/Mcf for sewer.
 (c) FY 2024 and FY 2025 figures reflect the Rate Board Determination in the 2023 General Rate Proceeding and the Rate Board Determination in the 2023 TAP-R Reconciliation. The approved TAP-R rates for FY 2024 are \$0.15/Mcf for water and \$0.24/Mcf for sewer. The TAP-R Rates are subject to annual reconciliation.

Mcf - Thousand cubic feet
 sf - square feet

TABLE C-6: PROJECTED OPERATION AND MAINTENANCE EXPENSE
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
Water and Wastewater Operations				
1	Personal Services	172,675	181,131	193,552
2	Pension and Benefits	143,762	149,631	158,182
3	Subtotal	316,437	330,761	351,735
Purchase of Services				
4	Power	17,993	19,927	19,927
5	Gas	6,934	8,250	8,250
6	SMIP/GARP	25,000	20,000	20,000
7	Other	154,813	167,723	170,424
8	Subtotal	204,740	215,900	218,600
Materials and Supplies				
9	Chemicals	36,926	52,679	65,227
10	Other	25,108	25,760	26,301
11	Subtotal	62,033	78,439	91,528
12	Equipment	4,292	5,842	6,392
13	Indemnities and Transfers	10,854	11,017	11,151
14	Subtotal Expenses	598,357	641,959	679,406
15	Liquidated Encumbrances	(33,686)	(38,794)	(41,217)
16	Total Expenses	564,671	603,166	638,189

TABLE C-7: PROJECTED CAPITAL IMPROVEMENT PROGRAM
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
1	Engineering and Administration (a)	14,321	12,806	11,587
2	Plant Improvements	255,000	393,000	295,000
3	Distribution System Rehabilitation	123,060	157,100	240,100
4	Large Meter Replacement	5,000	5,000	5,000
5	Billing System	-	-	-
6	Storm Flood Relief	15,000	15,000	15,000
7	Reconstruction of Sewers	72,860	80,000	86,000
8	Green Infrastructure	83,000	90,000	90,000
9	Vehicles	12,000	12,000	12,000
10	Total Improvements	580,241	764,906	754,687
11	Inflation Adjustment (b)	-	-	30,188
12	Inflated Total	580,241	764,906	784,874
13	Rollforward Adjustments	(100,885)	82,940	56,614
14	Total Inflated Adjusted CIP Budget	479,356	847,846	841,488
15	Contingency Adjustment	(49,261)	(72,342)	(72,589)
16	Annual Encumbrances	430,095	775,504	768,900
17	Project Expenses (c)	337,627	513,964	606,056
18	Annual Net Encumbrances	92,469	261,541	162,844

(a) Reflects shift in capital related salary costs from capital to operating budget.

(b) Allowance for inflation of 4.0 percent per year after fiscal year 2024.

(c) Reflects annual drawdown of capital budget appropriations based on project durations and annual encumbrances.

TABLE C-8: PROJECTED FLOW OF FUNDS - CONSTRUCTION FUND & DEBT RESERVE ACCOUNT
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
Disposition of Revenue Bond Proceeds				
1	Proceeds From Sale of Bonds	338,465	460,000	485,000
	Transfers:			
2	Debt Reserve Account (a)	8,500	-	-
3	Cost of Bond Issuance (b)	1,965	2,806	2,959
4	Construction Fund (c)	328,000	457,194	482,042
5	Total Issue	338,465	460,000	485,000
Construction Fund				
6	Beginning Balance	532,343	623,322	732,831
7	Transfer From Revenue Bond Proceeds	328,000	457,194	482,042
8	WIFIA Proceeds	-	9,063	20,772
9	WIFIA Match Funding Proceeds	-	9,338	20,958
10	PENNVEST Loan Proceeds	54,874	83,354	78,438
11	Capital Account Deposit	23,383	24,295	25,242
12	Transfer from Residual Fund	16,600	29,800	34,400
13	Interest Income on Construction Fund	5,750	10,429	12,149
14	Total Available	960,949	1,246,795	1,406,831
15	Net Cash Financing Required	337,627	513,964	606,056
16	Ending Balance	623,322	732,831	800,775
Capital Program Net Encumbrances				
17	Beginning Balance	454,669	547,137	808,678
18	Annual Encumbrances	430,095	775,504	768,900
19	Project Expenses	(337,627)	(513,964)	(606,056)
20	Ending Balance	547,137	808,678	971,521
21	Allowance Commitments Prior to Bond Issue	129,251	128,150	120,808
22	Target Balance	676,388	936,828	1,092,329
Debt Reserve Account				
23	Beginning Balance	189,723	199,328	200,423
24	Transfer From Bond Proceeds	8,500	-	-
25	Transfer From Residual Fund (d)	1,105	1,096	4,298
26	Debt Reserve Account Release	-	-	-
27	Ending Balance	199,328	200,423	204,721
28	Interest Income on Debt Reserve Account	1,945	1,999	2,026

(a) Amount of Debt Reserve Account estimated based on outstanding and proposed debt service payments.

(b) Cost of bonds issuance reflects actual cost in FY 2023, assumed 0.61 percent of issue amount in FY 2024 to 2025.

(c) Deposits equal proceeds from sale of bonds less transfers to Debt Reserve Account and Costs of Issuance.

TABLE C-9: SUMMARY OF EXISTING AND PROPOSED DEBT SERVICE
(in thousands of dollars)

Line No.	Description	Fiscal Year Ending June 30,		
		2023	2024	2025
Revenue Bonds				
1	Existing (a)	187,747	185,847	183,090
Proposed				
2	Fiscal Year 2023 (b)	-	-	-
3	Fiscal Year 2024 (c)		19,167	29,924
4	Fiscal Year 2025 (c)			20,208
5	Total Proposed	-	19,167	50,132
6	Total Revenue Bonds	187,747	205,014	233,222
PENNVEST Loans				
7	PENNVEST Loans (d)	10,935	12,031	16,329
Commercial Paper				
8	Commercial Paper	900	900	900
WIFIA				
9	WIFIA	-	17	956
10	Total Senior Debt Service	199,582	217,961	251,406

(a) Projected debt service amounts include debt service for all Water and Wastewater Revenue Bonds and Revenue Refunding Bonds issued prior to July 1, 2022 and the Water and Wastewater Revenue Bond Series 2022c (issued in August 2022).

(b) Projected debt service for the Water and Wastewater Revenue Bond Series 2022c (issued in August 2022) included with Existing Bonds.

(c) Projected debt service amounts assume interest only payment for the first year of the bond authorization based on 5.00% interest rate; and assume issuance during the first quarter of the fiscal year.

(d) Includes projected PENNVEST Loans.

**TABLE C-10
WATER: PROPOSED RATES FOR
GENERAL SERVICE**

(1) (2)
SERVICE CHARGE

Line No.	Meter Size	FY 2024 Monthly	FY 2025 Monthly
	Inches	\$	\$
1	5/8	5.11	5.17
2	3/4	5.61	5.70
3	1	7.03	7.19
4	1-1/2	9.96	10.29
5	2	14.22	14.75
6	3	23.32	24.33
7	4	41.60	43.28
8	6	79.10	82.46
9	8	121.64	127.03
10	10	177.43	185.16
11	12	298.75	313.27

QUANTITY CHARGE

Line No.	Monthly Water Usage	FY 2024 Charge per Mcf	FY 2025 Charge per Mcf
		\$	\$
12	First 2 Mcf	59.32	64.32
13	Next 98 Mcf	53.37	57.88
14	Next 1,900 Mcf	41.34	44.84
15	Over 2,000 Mcf	40.22	43.62

Note: The quantity charge reflects base rates only and excludes TAP-R.

Mcf - Thousand cubic feet

TABLE C-11 WATER: PROPOSED RATES FOR FIRE PROTECTION			
PRIVATE FIRE PROTECTION			
Line No.	Size of Meter or Connection	(1)	(2)
		FY 2024 Monthly Charge	FY 2025 Monthly Charge
	Inches	\$	\$
1	4" or less	27.97	28.06
2	6	51.85	52.02
3	8	78.03	78.31
4	10	114.74	115.13
5	12	181.54	182.34
PUBLIC FIRE PROTECTION			
Line No.	Description	(1)	(2)
		FY 2024 Annual Charge	FY 2025 Annual Charge
		\$	\$
6	Standard Pressure	7,551,000	8,248,000

TABLE C-11A PROPOSED RATES FOR RESIDENTIAL FIRE PROTECTION			
PRIVATE FIRE PROTECTION			
Line No.	Size of Meter or Connection	(1)	(2)
		FY 2024 Monthly Charge	FY 2025 Monthly Charge
	Inches	\$	\$
Water Service Charge Including Fire Protection			
1	3/4	9.15	9.27
2	1	10.57	10.76
3	1-1/2	13.50	13.86
4	2	17.76	18.32
Sewer Service Charge			
5	3/4	7.26	7.64
6	1	7.26	7.64
7	1-1/2	7.26	7.64
8	2	7.26	7.64

TABLE C-12 WASTEWATER: PROPOSED RATES FOR GENERAL SERVICE SANITARY SEWER

METER BASED SERVICE CHARGE			
Line No.	Meter Size	(1)	(2)
		FY 2024 Monthly Charge	FY 2025 Monthly Charge
	Inches	\$	\$
1	5/8	7.26	7.64
2	3/4	9.27	9.79
3	1	13.60	14.43
4	1 1/2	23.96	25.53
5	2	36.98	39.44
6	3	66.70	71.26
7	4	113.34	120.98
8	6	223.43	238.64
9	8	353.59	377.82
10	10	510.31	545.20
11	12	927.96	992.49

QUANTITY CHARGE			
Line No.		FY 2024 Charge per Mcf	FY 2025 Charge per Mcf
		\$	\$
12	All billable water usage	37.93	41.11
13	Groundwater Charge	13.47	14.81

SURCHARGE RATES			
Line No.		FY 2024 Charge per lb	FY 2025 Charge per lb
		\$	\$
14	BOD (excess of 250 mg/l)	0.426	0.450
15	SS (excess of 350 mg/l)	0.432	0.458

SEPTIC HAULER RATE			
Line No.		FY 2024 Charge per Mgal	FY 2025 Charge per Mgal
		\$	\$
16	Sanitary Wastewater Delivered to WPCP (a)	62.25	65.88

Notes: (a) Based on BOD and SS Loading of 9,000 mg/l.
The quantity charge reflects base rates only and excludes TAP-R.

Mcf-Thousand cubic feet
mg/l-milligrams per liter
Mgal - Thousand gallons
WPCP - Water Pollution Control Plant

TABLE C-13 STORMWATER: PROPOSED RATES FOR RESIDENTIAL AND NON-RESIDENTIAL SERVICE

RESIDENTIAL SERVICE RATES			
Line No.	Description	(1) FY 2024 Monthly Charge	(2) FY 2025 Monthly Charge
STORMWATER MANAGEMENT SERVICE CHARGE			
1	Charge Per Parcel	\$ 16.63	\$ 18.47
BILLING AND COLLECTION CHARGE			
2	Charge Per Bill	\$ 1.87	\$ 1.94

NON-RESIDENTIAL SERVICE RATES			
Line No.	Description	(1) FY 2024 Monthly Charge	(2) FY 2025 Monthly Charge
STORMWATER MANAGEMENT SERVICE CHARGE			
1	Min Charge	\$ 16.63	\$ 18.47
2	GA (per 500 sf)	0.777	0.862
3	IA (per 500 sf)	5.685	6.309
BILLING AND COLLECTION CHARGE			
4	Charge Per Bill	\$ 2.44	\$ 2.52

PHILADELPHIA WATER DEPARTMENT

RATES AND CHARGES

Effective: September 1, 2023.

1.0 DEFINITIONS.

(a) Condominium Properties: Real estate, portions of which are designated for separate ownership and the remainder of which is designated for common ownership by the owners of those portions. Real estate is not a condominium unless the undivided interests in the common elements are vested in the unit owners.

(b) Customer: An owner, Tenant or occupant who by operation of law or agreement is responsible for payment of the charges for water/sewer/stormwater service at a Residential, Non-residential or Condominium Property.

(c) Department: The Philadelphia Water Department is the operating department of the City of Philadelphia with the duties, powers and obligations set forth in the Home Rule Charter and the Philadelphia Code.

(d) Dwelling Unit: A single unit within a building providing complete, independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking, and sanitation.

(e) Home Rule Charter: The Philadelphia Home Rule Charter, as codified in Pennsylvania First Class City Home Rule Act, April 21, 1949 P.L. 665, 351 Pa. Code §1-100 et seq.

(f) Mcf: Thousand cubic feet. The quantity charges in Sections 2, 3, 9 and 10 are expressed in Mcf.

1 Mcf = 1,000 cubic feet = 7,480 gallons

(g) Municipal Stormwater System: City owned and maintained real property, infrastructure or natural feature used and/or constructed for purposes of transporting, conveying, retaining, detaining, or discharging stormwater runoff.

(h) Non-residential Property: Real estate which cannot be classified as either Residential or Condominium. Real estate used exclusively as a cemetery shall not be considered Non-residential property.

(i) Philadelphia Code: The body of laws and regulations enacted by the Philadelphia City Council.

(j) Philadelphia Department of Records: An operating department of the City of Philadelphia with the duties, powers and obligations set forth in the Home Rule Charter and the Philadelphia Code.

(k) Property: Any parcel of real estate identified in the records of the Philadelphia Department of Records.

(l) Property Owner: The owner of the particular parcel of real estate identified in the records of the Philadelphia Department of Records, or the grantee in a land transfer of record.

(m) Residential Property: Real estate used exclusively for residential purposes with at least one and no more than four Dwelling Units and which cannot be classified as Condominium Property. Property adjacent to Residential Property owned and utilized exclusively by the Residential Property owner for residential uses. Upon proof submitted to the Department, said properties shall be deemed by the Department to form one Residential parcel comprised of the Property and the Residential Property.

(n) Stormwater Management Practice (SMP): Any man-made structure that is designed and constructed to detain, infiltrate, or otherwise control stormwater runoff quality, rate, or quantity.

(o) Surface Discharge: The discharge of stormwater runoff from a property to an adjacent surface water body, without the use of City infrastructure.

(p) Undeveloped Property: Property classified by the Board of Revision of Taxes as SB, SC, SI, SR, or SS; Undeveloped refers to the status of the property as having no structures and is not related to whether the property has ever been developed.

(q) Water Commissioner: The Water Commissioner of the City of Philadelphia who performs the duties and obligations as set forth in the Philadelphia Home Rule Charter and the Philadelphia Code.

(r) Utility Plan: A plan that shows water, sewer, and/or stormwater connections and sizes, utility locations, and impacts to rights-of-way, the approval of which is required under the Administrative Code Section A-305.2.1.6.

1.1 Conformity with Existing Law.

Nothing contained herein shall be deemed to overrule or annul any existing provisions of the Home Rule Charter or the Philadelphia Code.

1.2 Severability.

If any provision, paragraph, word or sections herein is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words and sections shall not be affected and shall continue in full force and effect.

2.0 WATER CHARGES

Charges for water service supplied by the City of Philadelphia shall be effective on September 1, 2023, as follows:

2.1 General Customers.

Charges for the supplying of water shall be determined and billed as follows:

(a) Charges and billing in general.

(1) Water charges shall consist of a service charge and quantity charge.

(2) A service charge shall be billed monthly.

(3) As set forth in Section 2.1(b), the type and size of the meter shall determine the service charge.

(4) In addition, there shall be a quantity charge as provided herein for water used in a monthly billing cycle, either as metered or as estimated.

(5) Quantity charges shall be billed for monthly cycles as provided herein. The cycle shall be the period between the dates of scheduled metered readings, actual or estimated.

(b) Monthly service charges.

(1) Effective September 1, 2023 and thereafter, the monthly service charge for the various types and sizes of meters shall be as follows:

<u>Size</u>	<u>Code</u>	<u>Charge</u>
5/8	R	\$5.11
3/4	Z	5.61
1	Q	7.03

1	P	9.96
-1/2		
2	X	14.22
3	O	23.32
4	W	41.60
6	N	79.10
8	V	
		121.6
		4
10	E	
		177.4
		3
12	T	
		298.7
		5

Residential Fire Sprinkler System Meters

Size Code Charge

3/4	Z	9.15
1	Q	10.57
1	P	13.50
-1/2		
2	X	17.76

(c) Quantity charges

In addition to the service charge, the quantity charge portion of each bill is determined by applying the quantity charge set forth below to all water use. In addition, the quantity charge will also include a Tiered Assistance Program (TAP) Rate Rider Surcharge, as set forth in Section 10.

(1) Effective September 1, 2023 and thereafter, the quantity charge portion of each bill shall be as follows:

1 Mcf = 1,000 cubic feet = 7,480 gallons.

<u>Monthly Water Usage</u>	<u>Base Charge Per Mcf</u>	<u>TAP-R Per Mcf</u>	<u>Total Charge Per Mcf</u>
First 2 Mcf (0 to 2 Mcf)	\$59.32	\$0.15	\$59.47
Next 98 Mcf (2.1 to 100 Mcf)	53.37	0.15	53.52
Next 1,900 Mcf (100.1 to 2,000 Mcf)	41.34	0.15	41.49
Over 2,000 Mcf	40.22	0.15	40.37

Note: Actual TAP-R rates are subject to Annual Reconciliation and the determination of the Rate Board.

(d) Temporary Transitional Provisions: Some special customers whose charges are now based on meter size may find that they are in fact 'over-metered' - their metered service is too large for their actual requirements and results in excessive bills. They may apply for a downward revision in the size of their meters. After the approval of the Department, the revision of plumbing arrangements and the installation of smaller meter, the lower charge by meter size shall apply.

3.0 SEWER CHARGES

Charges for sewer service supplied by the City of Philadelphia shall be effective on September 1, 2023, as follows:

3.1 General Customers.

(a) All customers discharging wastewater into the City's wastewater system shall pay sewer charges as set forth in Section 3.3. In addition to the charges set forth in Section 3.3, all customers discharging wastewater whose pollutant content is greater than the pollutant content of Normal Wastewater, as defined below in Section 3.1(b), shall pay an additional surcharge as set forth in Section 3.4.

(b) Normal Wastewater subject to the regular sewer charges set forth in Section 3.3 is that wastewater which contains 250 milligrams per liter or less of five day biochemical oxygen demand (BOD₅) and 350 milligrams or less per liter or less of suspended solids (SS).

(c) Wastewater subject to the surcharge set forth in Section 3.4 is that wastewater which contains either more than 250 milligrams per liter of BOD₅ or more than 350 milligrams per liter of SS, or both.

3.2 Charges.

(a) Sewer charges shall consist of a service charge and a quantity charge.

(b) A service charge shall be billed monthly.

(c) As set forth in Section 3.3(a), the size of the meter shall determine the service charge.

(d) In addition, as set forth in Section 3.3(b), there shall be a quantity charge for sewer service in a monthly billing cycle, either as metered or as estimated.

(e) Quantity charges shall be billed for monthly cycles as provided herein. The cycle shall be between the dates of scheduled metered readings, actual or estimated. Quantity charges imposed shall be based on the water usage of the Property served.

3.3 Regular Sewer Charges.

(a) Monthly service charges shall be determined and billed as follows:

(1) Effective September 1, 2023 and thereafter, the monthly service charge for the various sizes of meters shall be as follows:

<u>Size</u>	<u>Code</u>	<u>Charge</u>
5/8	R	\$7.26
3/4	Z	9.27
1	Q	13.60
1	P	23.96
2	X	36.98
3	O	66.70

4	W	113.34
6	N	223.43
8	V	353.59
10	E	510.31
12	T	927.96

Residential Fire Sprinkler System Meters

Size Code Charge

3/4	Z	7.26
1	Q	7.26
1	P	7.26
-1/2		
2	X	7.26

(b) Quantity charge

In addition to the service charge, the quantity charge portion of each sewer bill is determined by applying the quantity charge rate shown below to all water use. In addition, the quantity charge will also include a TAP Rate Rider Surcharge, as set forth in Section 10.

1 Mcf = 1,000 Cubic Feet = 7,480 gallons

(1) Effective September 1, 2023 and thereafter, the quantity charge shall be:

<u>Base Charge</u>	<u>TAP-R</u>	<u>Total Charge</u>
<u>Per Mcf</u>	<u>Per Mcf</u>	<u>Per Mcf</u>
\$37.93	\$0.24	\$38.17

3.4 Surcharge.

(a) Effective September 1, 2023 and thereafter, the surcharge for wastewater by definition in excess of Normal Wastewater shall be fixed at forty-two and six tenths cents (\$0.426) per pound of pollutants received into the wastewater system in excess of 250 milligrams per liter of BOD₅ and forty-three and two tenths cents (\$0.432) per pound of pollutants received into the wastewater system in excess of 350 milligrams per liter of SS.

(b) The BOD₅ and SS of wastewater shall be determined from samples taken on the Customer's Property at any period or time and of such duration and in such manner as the Department may prescribe or at any place mutually agreed upon between the Customer and the Department. With prior written approval of the Department, the results of routine sampling and analyses by the Customer may be used in determining the amount of the surcharge.

(c) If, in the Department's judgment, sampling of wastewater is neither feasible nor practical, the Department, for billing purposes, may base BOD₅ and SS of the wastewater on sampling results for similar discharge and/or values obtained from technical literature.

(d) Customers discharging wastewater subject to the surcharge shall, as prescribed by the Department:

(1) Install and maintain such facilities for sampling and measuring the wastewater discharged from their properties; and

(2) Maintain such records and information deemed necessary for the determination of the surcharge.

(e) Customers, as required from time to time, shall file with the Department responses to a questionnaire establishing or revising pertinent information on the quantity of flow and the quality of wastewater and other data deemed necessary for the determination of the surcharge.

(f) Measurements, tests and analyses of the characteristics of wastewater subject to surcharge shall be determined in accordance with the latest edition of *Standard Methods for the Examination of Water and Wastewater*, published jointly by the American Public Health Association, the American Water Works Association (AWWA) and the Water Environment Federation (WEF).

(g) The surcharge shall be applied to the total wastewater discharged less any portion excluded by the Department.

3.5 Sewer Credits.

Pursuant to Section 13-101(6) of the Philadelphia Code, the method of crediting water users' sewer bills for City water used but not discharged into the wastewater disposal system shall be as follows.

(a) Eligibility. Where commercial and industrial facilities that use City water do not discharge all of such water into the wastewater system, the quantity of such water may be excluded in determining the proper sewer charge, provided that:

(1) at least 5% of water used, or

(2) 225,000 cubic feet per year, whichever is less, is not discharged into the wastewater system.

(b) Determination of the Amount of Exclusion. To determine the amount of such exclusion the Customer shall install a meter or measuring device satisfactory to the Department provided that, if in the opinion of the Department, it is not feasible to install a meter or measuring device, some other satisfactory method of measuring ("credit factor") may be designated by the Department on application of the Customer.

(c) Fee for Application. When the Customer applies to the Department for a determination on the quantity of water to be excluded by some method other than metering of the sewer, or re-applies for a revised method measuring a larger quantity of water to be excluded, there shall be charge of eight hundred and twenty dollars (\$820) for the review of such application.

(d) Effective Date of Credits and Approved Credit Factors. Credits on a water user's sewer bills for quantities of water used but not discharged into the wastewater disposal system shall be effective from the submission date of an approved application. In order to be reviewed for approval, applications shall be complete, submitted on forms provided by the Department and shall be accompanied by a check payable to the City of Philadelphia in the amount required in Section 3.5(c). No credits shall be made retroactively.

(e) Review of Approved Credit Factors. The Department reserves the right to review approved credit factors. Customers may, from time to time, be required to submit current water use and sewer discharge information. Customers may also be required to submit new applications for the credit factor. Failure to comply with the Department's requests for information or new applications may result in termination of the Customer's credit factor.

(f) Failure to Inform the Department of Increased Sewer Use. Customers with credit factors who fail to inform the Department of increased discharges to the wastewater system shall be subject to the imposition of the full charges for sewer use based on total water usage from the most recent application date, with applicable interest. In addition,

the Department may impose a fine of three hundred and eighty-five dollars (\$385) for each billing period from the application date.

4.0 STORMWATER MANAGEMENT SERVICE CHARGES

Charges for Stormwater Management Services (SWMS) supplied by the City of Philadelphia shall be effective September 1, 2023 as follows:

4.1 Charges.

All properties within the City shall be billed a SWMS charge.

4.2 Residential Properties.

All Residential Properties shall be charged a monthly SWMS charge and a monthly Billing and Collection charge as follows:

(a) Effective September 1, 2023 and thereafter all Residential Properties shall be charged the rates listed below:

<u>SWMS</u>	<u>Billing & Collection</u>
\$16.63	\$1.87

(b) Residential Properties which do not have sewer service and which also have previously been charged only for water service shall be charged the rates shown above at 4.2 (a).

4.3 Non-Residential Properties.

Non-Residential Properties shall be charged a monthly SWMS charge and a monthly Billing and Collection charge as follows:

(a) Non-residential Properties shall be charged based on the Gross Area (GA) of the Property and the Impervious Area (IA) of the Property.

(1) GA includes all of the Property area within the legally described boundaries except streets, medians, and sidewalks in the public right-of-way and railroad tracks and station platforms in the railroad right-of-way.

(2) IA includes surfaces which are compacted or covered with material that restricts infiltration of water, including semi-pervious surfaces such as compacted clay,

most conventionally hard-scaped surfaces such as streets, driveways, roofs, sidewalks, parking lots, attached and detached structures, and other similar surfaces.

(i) For Non-residential Properties with less than 5,000 square feet GA, the IA shall be estimated as a percentage of GA.

(A) For Undeveloped Property as defined in Section 1.0, the IA shall be 25% of the GA.

(B) For other Properties, the IA shall be 85% of the GA.

(3) In determining the GA Factor and IA Factor of a Property for the SWMS charge, the Department shall use increments of 500 square feet rounding up to the next highest increment.

(4) Calculating the Monthly SWMS charge. The monthly SWMS charge for each Non-residential Property is calculated by:

(i) dividing the GA in square feet by 500 and rounding up to the next whole unit to determine the GA Factor, then multiplying the GA Factor by the GA Rate to determine the GA charge;

(ii) dividing the IA in square feet by 500 and rounding up to the next whole unit to determine the IA Factor, then multiplying the IA Factor by the IA Rate to determine the IA charge;

(iii) the addition of the GA charge and the IA Charge equals the SWMS charge; and

(iv) the addition of the SWMS charge and the Billing and Collection charge together equals the total monthly stormwater charge.

(5) Rates for GA, IA and Billing and Collection.

(i) Effective September 1, 2023 and thereafter, the Rates shall be as follows:

<u>GA</u> (\$/500 s.f.)	<u>IA</u> (\$/500 s.f.)	<u>Billing & Collection</u>
0.777	5.685	\$2.44

(6) Minimum Monthly Charges. Non-residential Properties shall be subject to a minimum monthly charge. If the monthly charge calculated in Section 4.3(a)(4) is less than the monthly charges listed below then the monthly charges below shall be billed to the Property.

<u>SWMS</u>	<u>Billing & Collection</u>
\$16.63	\$2.44

(7) Adjustment Appeal Procedure.

(i) Customers may appeal the GA and/or IA calculations, property classification, or charge distribution of their property.

(ii) Adjustments shall be made using forms and procedures as defined by the Credits and Adjustment Appeals Manual and sent to:

Philadelphia Water Department
SWMS Charge Appeals
1101 Market Street
4th Floor
Philadelphia, PA 19107-2994

(iii) Adjustments to the GA and/or IA determination are separate and distinct from the billing review procedures established by Section 19-1702 of the Philadelphia Code.

(iv) The grounds supporting the adjustment shall be stated in writing, and include any exhibits, such as photographs, drawings or maps, site plans, and affidavits that support the claim. In addition, a land survey prepared by a registered surveyor shall be attached showing all Dwelling Units, total property area, type of surface material and impervious area, as appropriate, and any other information requested in writing by the Department. The Department may waive the submission of a land survey, if the Department determines that the survey is not necessary to make a determination on the appeal.

(v) The Customer filing the appeal is solely responsible to demonstrate, by clear and convincing evidence, that the GA and/or IA square footage information used by the Department, from which the adjustment appeal is being taken, is erroneous.

(vi) The filing of a notice of an adjustment appeal shall not stay the imposition, calculation or duty to pay the SWMS charge.

(vii) If the adjustment appeal results in a revised GA and/or IA calculation, correction of property classification, correction of parcel identification, or revisions to the default charge allocation, then the adjusted SWMS Charge will be effective from the date of receipt of the Adjustment Appeals Application; except that the Department may authorize WRB to credit accounts for adjustments to the GA and/or IA calculation for a period not to exceed three years prior to receipt of the Adjustment Appeals Application if the Customer filing the appeal demonstrates, by clear and convincing evidence, that it was eligible for and qualified to receive the adjustment during the three year period prior to the receipt of the Adjustment Appeals Application was incorrect.

(8) Multiple Accounts Serving One Property. Where there are multiple water accounts on a single Property, the entire SWMS charge of that Property shall be divided equally among the accounts. Each account shall also be billed a Billing and Collection charge. Property Owners shall have the opportunity to request an alternative allocation of the SWMS Charge.

4.4 Condominium Properties.

(a) Condominium Properties shall be charged SWMS and Billing and Collection charges on the same terms as Non-residential Properties under Section 4.3, but shall be billed as follows:

(1) Condominium Properties with a single water meter account shall be billed such that the entire SWMS charge of the condominium complex property plus a Billing and Collection Charge are billed to that single account.

(2) Condominium Properties with individual water meter accounts for each unit shall be billed such that the entire SWMS charge of the condominium complex property shall be divided and billed equally to each individual account. In addition, each account shall be billed a Billing and Collection Charge.

(3) Condominium Properties with more than one water meter, but without individual water meters for each unit, shall be billed such that the entire SWMS charge of the condominium complex property shall be divided equally among the accounts. Each account shall also be billed a Billing and Collection Charge. The Condominium Owner's Association shall have the opportunity to request an alternative allocation of the SWMS charge.

4.5 SWMS Credits

(a) Eligibility.

(1) Accounts on Non-residential and Condominium properties must be current to be eligible for credits.

(2) The Customer shall make the Property available for inspection by the Department and provide all necessary documentation for purposes of verifying the appropriateness of a SWMS credit(s).

(3) The Customer shall fulfill credit requirements, as described in Section 4.5(c) below, in accordance with the maintenance guidelines as prescribed by the Department, including any and all inspection and reporting obligations.

(b) Classes of Credits. There are three classes of credits: IA Credit, GA Credit, and NPDES Credit. The IA Credit provides a reduction to the IA Charge; the GA Credit provides a reduction to GA Charge; and the NPDES Credit provides reduction to the total SWMS Charge. A Property may be approved for credits from each of the three classes; however, if the resulting SWMS Charge after the application of any credits is less than the Non-residential minimum monthly charge, then the minimum monthly charge will apply.

(c) Credit Requirements.

(1) IA Credit. IA Credit is available for the portion of IA on a property where stormwater runoff is managed (IA Managed). IA Managed is achieved as follows:

(i) For areas of the property that meet the requirements of the following Impervious Area Reductions (IAR), as described in the Stormwater Credits and Adjustment Appeals Manual, a direct reduction in the billable IA may be applied:

(A) Rooftop disconnection,

(B) Pavement disconnection, or

(C) Tree canopy coverage.

(ii) For Properties with PWD-approved Stormwater Management Practices constructed per Chapter 6 of the Department's regulations, the customer must demonstrate compliance with the regulations, including management of the first 1.5 inches of runoff and any and all required reporting, inspection and maintenance activities, except as otherwise provided in 4.5(c)(1)(iv).

(iii) For properties with PWD-approved Stormwater Management Practices, including those constructed with Department stormwater grant funds, the customer must demonstrate management of the first 1.5” of runoff and SMP compliance per the approved record drawing and any and all reporting, inspection and maintenance activities, except as otherwise provided in 4.5(c)(1)(iv).

(iv) The Department may approve a Property for IA credit for Non-Surface Water Discharges under the credit requirements in effect before September 1, 2021, if the Department receives a credit application for that Property on or before September 1, 2021. Such Properties property receiving credit under the credit requirements in effect before September 1, 2021 may continue to receive the credit under those requirements until the credit expires. Upon expiration of the credit, the current or future Property Owners of such Properties may renew the credit under the credit requirements in effect before September 1, 2021 by submitting a renewal application(s) in accordance with Subsection 4.5(f)(4) unless and until this section is modified.¹

(v) For Surface Discharges, the Customer must demonstrate that a portion or all of the impervious area discharges directly to a surface water body.

(2) GA Credit.

(i) Impervious area only. Impervious area shall receive a GA credit based on the criteria defined in Section 4.5(c)(1)(ii), (iii), (iv) and (v) herein.

(ii) Open Space area only. Open Space area is non-impervious area and is calculated as GA minus IA. The Customer must demonstrate a Natural Resource Conservation Service Curve Number (NRCS-CN) below a certain value as described in the Credits and Adjustment Appeals Manual.-

(3) National Pollutant Discharge Elimination System (NPDES) Credit. The Customer must demonstrate the property is subject to and in compliance with a NPDES Permit for industrial stormwater discharge activities.

(d) Credit Maximum.

(1) IA Credit Maximum. IA Credit maximums shall apply as follows:

¹ Prior to September 1, 2021, Customers of Properties with non-Surface Discharges were required to demonstrate management of the first inch of stormwater runoff in one of the three following ways: (1) infiltration, (2) detention and slow release, and/or (3) routing through an approved volume -reducing SMP.

(i) All Non-residential and Condominium properties are eligible for a maximum of 80% IA Credit for the IA Managed.

(ii) A Non-residential or Condominium property with Surface Discharge is eligible for a maximum of 90% IA credit for the IA Managed.

(2) GA Credit Maximum. GA Credit maximums shall apply as follows:

(i) All Non-residential and Condominium properties are eligible for a maximum of 80% GA Credit.

(ii) A Non-residential or Condominium property with Surface Discharge is eligible for a maximum of 90% GA credit.

(3) NPDES Credit Maximum. Eligible properties shall receive a maximum of 7% NPDES credit as described in the Credit and Adjustment Appeals Manual.

(e) Application of Credits

The application of the three classes of credits in calculating a property's monthly SWMS charge shall be described in the Credits and Adjustment Appeals Manual.

(f) Administration of Credits.

(1) A Customer shall apply for credits using application forms and submitting the required documentation as defined in the Credits and Adjustment Appeals Manual.

(2) Any engineering or other costs incurred in completing the application shall be borne by the Customer.

(3) Credits shall be effective upon receipt of a complete application.

(4) All credits shall expire four (4) years from the effective date of the credit. A Customer may renew credits by submitting a renewal application, documentation required by the Department as defined in the Credits and Adjustment Appeals Manual, and paying a renewal fee of two hundred and eighty dollars (\$280).

(g) Termination of Credits.

(1) The Department may review any approved credit at any time to verify its continued applicability. Customers may from time to time be asked to submit documentation and/or grant access to the Property receiving the credit. Failure to comply with such requests may result in the termination of the credit(s).

(2) The Customer's failure to meet credit requirements or comply with inspection and reporting obligations, in accordance with Section 4.5(a)(3), shall result in a suspension or revocation of all affected credits pursuant to the procedures issued by the Department.

(h) The Department may, at its sole discretion, issue stormwater credits to individual parcels where stormwater management is being implemented on a shared, collective basis by an organization representing different parcel owners within a defined geographic area.

5.0 BILLING FOR WATER, SEWER AND STORMWATER SERVICE

5.1 Billing.

(a) Estimated Usage and Billing. When an accurate meter reading cannot be obtained at the time of a scheduled meter reading or when necessary for administrative purposes, the quantity of water used may be estimated for billing purposes. Estimated usage will be based upon actual meter readings from prior cycles or by such other fair and reasonable methods as shall be approved by the Water Commissioner. Where the water usage is estimated because of inability to read the meter, any necessary corrections shall be made at the time of the next actual meter reading, or when appropriate.

(b) Charges to be Combined. At the discretion of the Water Commissioner, each bill may combine in one amount the service charge and any quantity charges for water, sewer and stormwater, if applicable.

(c) Bills Due and Payable. All bills are due and payable when rendered.

(d) Penalties for Late Payments.

(1) If current water, sewer, and stormwater bills are not paid within thirty (30) days from the date indicated on the bill, a penalty of five percent (5%) shall be imposed.

(2) An additional penalty of one half of one percent (0.5%) shall be imposed and added to water, sewer, and stormwater bills, and their penalties, on the due date of the bill of each succeeding cycle, except that a period of thirty (30) days shall elapse before the first additional penalty is imposed.

(3) If any water, sewer, and stormwater bill remains unpaid for two cycles after the bill has been rendered, the Revenue Department shall serve a notice of termination upon the delinquent Property Owner and, if the charge, with penalties thereon, is not paid within ten (10) days after such service of notice, the Department, in its discretion, may suspend water service to the Property until the charge with penalties is paid. Penalties for late payment are set by ordinance, not by regulation, and any amendments to the current ordinance shall apply as provided therein.

(e) Balance Due. Each bill shall include any balances due for bills issued from October 1, 2000, including penalties.

(f) Changes in Meter Size. When a change in meter size is made, the charge for the new meter size shall become effective on the date of such change.

(g) Unmetered Customers.

(1) Unmetered Customers shall be billed the same charges established for metered Customers. The water and sewer service charges will be determined by the size of the meter which would be installed for an equivalent service at a similar property. The SWMS charges will be determined based on Section 4.0. The Revenue Department shall estimate the quantity of water used and bill accordingly using the applicable water and sewer quantity charges.

(2) Where unmetered wastewater is discharged to the sewer system without adequate sewer metering, the Department reserves the right to bill the amount of flow based upon its engineering judgment of a reasonable estimate of unmetered usage.

(h) Unoccupied Property.

The billing of unoccupied Properties for water and sewer shall be discontinued only on issuance of a Discontinuance of Water permit. Nothing in this Section shall relieve a Property Owner of his responsibility for maintaining a service line unless a Discontinuance of Water permit has been secured. Under no circumstances will the stormwater service charge be terminated.

(i) Extraordinary Uses or Appliances.

In the event that extraordinary or peculiar uses or appliances, in the opinion of the Water Commissioner, warrant a special charge not provided herein, such charges shall be as fixed by the Water Commissioner in writing.

5.2 Special Customers.

The water, sewer and stormwater management service charges established in Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq. shall be applied to all general Customers, except the following groups of special Customers:

(a) GROUP I

(1) Public and private schools which provide instruction up to or below the twelfth grade but not beyond that grade, and excluding service to any separate or adjoining facilities or structures not used exclusively for educational or instructional purposes.

(2) Institutions of “purely public charity”, as defined by Pennsylvania law, except universities and colleges and excluding service to any separate or adjoining facilities or structures not used exclusively for the principal purpose of the charity.

(3) Places used for actual religious worship.

(b) GROUP II

(1) Residences of eligible senior citizens provided that the senior citizen shall:

(i) Make application for such reduction to the Revenue Department within the first billing period for which reduction is sought; and

(ii) Submit satisfactory proof that the applicant is 65 years of age or older and that he or she makes payment directly to the City for water, sewer, and stormwater service to his or her residence which is located in the City of Philadelphia; and

(iii) Submit satisfactory proof to the Revenue Department that the applicant does not exceed the household income limitation of \$38,800 per year established by the Department. The above income limitation shall apply to those applying for this discount subsequent to June 30, 1982.

(iv) Effective with each subsequent general rate change in the water/sewer/stormwater charges, the Department shall adjust the Senior Citizen Income Limitation using the latest Consumer Price Index data available, as defined in the Philadelphia Code at Section 19-1901.

(c) GROUP III

(1) Universities and colleges, excluding service to any separate or adjoining facilities or structures not used exclusively for educational or instructional purposes.

(d) GROUP IV

(1) Public housing properties of the Philadelphia Housing Authority.

(e) GROUP V

(1) Group V Customers are Customers enrolled in the Income-Based Water Revenue Assistance Program (IWRAP) described in Section 19-1605 of the Philadelphia Code after the Water Revenue Bureau begins to issue IWRAP bills. Monthly bills for a Customer enrolled in IWRAP will be determined based on the Customer's family size and household income and will be charged in lieu of the service, usage and stormwater charges established in Sections 2.0 et seq., 3.0 et seq. and 4.0 et seq. for general Customers. Group V Customers will pay a percentage of his/her household income depending on where that Customer falls within the Federal Poverty Guidelines (FPL), subject to a minimum bill amount of \$12 per month.

(2) For determining the amount of service, usage and stormwater charges on monthly bills, Group V Customers will be defined according to three income tiers as follows:

(i) Group V-A. Group V Customers whose gross household income has been verified as being from 0% of FPL and up to and including 50% of FPL

(ii) Group V-B. Group V Customers whose gross household income has been verified as being greater than 50% of FPL and up to and including 100% of FPL.

(iii) Group V-C. Group V Customers whose gross household income has been verified as being greater than 100% of FPL and up to and including 150% of FPL.

(f) GROUP VI

(1) Customers with parcels eligible for a discount from the stormwater management service charge as a qualified Community Garden pursuant to Section 19-1603 of the Philadelphia Code and regulations promulgated by the Water Department under that Section.

(g) GROUP VII

(1) All unoccupied properties of the Philadelphia Land Bank.

(h) Charges for Special Customers

(1) As of September 1, 2021, the charges to Groups I, II, and III of special Customers listed above shall be seventy-five percent (75%) of the charges as established

in Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq., including both the water and sewer service and quantity charges, and the SWMS charges. The charges to Group IV Customers shall be ninety-five percent (95%) of the charges as established in Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq., including both the water and sewer service and quantity charges, and the SWMS charges.

(2) Group V Customers enrolled in IWRAP after the Water Revenue Bureau begins to issue IWRAP bills will be responsible for paying the following charges for service, usage and stormwater charges, or \$12 per month, whichever is greater:

- (i) Group V-A: 2.0% of household income.
- (ii) Group V-B: 2.5% of household income.
- (iii) Group V-C: 3% of household income.

(3) Group VI: Effective with bills issued on or after January 1, 2017, Group VI special Customers will receive a 100% discount on the stormwater management service charges for parcels classified by the Department as Community Gardens upon approval of an application for a discount consistent with Section 19-1603 of the Philadelphia Code and regulations promulgated by the Department under that Section.

(4) Group VII: Effective with bills issued on or after September 1, 2018, Group VII special Customers are fully exempt from all water, sewer and stormwater management rates and charges.

(i) All of these special Customers shall meter all water connections and they shall be subject to all provisions herein not inconsistent with Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq.

(j) All special Customers are subject at any time to review as to their special charges by the Department or the Water Revenue Bureau and may be required to furnish adequate evidence supporting the continuance of such charges to the Department or the Water Revenue Bureau upon written notice to do so. Failure to furnish such evidence shall be sufficient ground for denial or termination of such special charges.

(k) Special charges may be granted subject to the Department's review and approval of the size of the meter installed.

(l) When the special use for which the special charge is granted ceases, the special charge ceases and the charges for general Customers shall apply thereafter.

(m) When any vacant or unoccupied premises are acquired by the City, charges for water and sewer, including charges relating to storm water management and disposal, shall terminate on the date that such premises are acquired.

(n) When any property is acquired or held by the Philadelphia Housing Development Corporation or acquired or held by the City or the Redevelopment Authority pursuant to Chapters 16-400 or 16-500 of the Philadelphia Code, charges for water and sewer, including charges relating to storm water management and disposal, shall be abated.

5.3 Eligibility for Charity Rates and Charges.

(a) Organizations seeking the Charity Rates and Charges must submit an application to the Department. Applicants must use forms provided by the Department, and submitted applications must be completed to the satisfaction of the Department.

(b) Applications must be made in the name of the organization seeking the Charity Rates and Charges. All accounts for which an organization is requesting the Charity Rates and Charges must be in the identical name as that on the application.

(c) Any account for a Property for which the Charity Rates and Charges are sought must be current and remain in good standing with no service violations or violations of the requirements of § 17-107(12) (“Recipients of Financial Assistance”) applicable to properties that benefit from financial assistance in connection with the receipt of charity rates and charges to maintain eligibility for any discounts issued herein. Any breach of this condition shall result in the loss of eligibility for the discount.

(d) To be eligible for water and sewer Charity Rates and Charges, the Property must not have any outstanding Department or Plumbing Code violations; the Property must have an operating water meter that is in compliance with current Department specifications, and the property must have a current water meter reading. If the property is receiving stormwater service only, the above provision regarding metering shall not apply. To be eligible for SWMS Charity Rates and Charges, the Property must not have any outstanding Department violations. Applicant must be either an owner of the Property or a Tenant of the property for which the SWMS charge is assessed.

(e) Charity Rates and Charges shall be charged to the eligible organization from the application date of an approved application. No retroactive reductions from the General Customer rates and charges will be permitted.

5.4 Account Review.

The Department, from time to time, may review the status of organizations receiving Charity Rates and Charges.

During this review, eligible organizations may be required to submit new applications.

5.5 Suspension of Charity Rates and Charges (Groups I and III)

(a) Organizations that have been approved for Charity Rates and Charges must make timely payments on accounts in order to remain eligible for these discounted rates and charges.

(b) An organization that fails to make on-time payments for two (2) consecutive billing cycles shall be suspended from the Charity Rates and Charges, and shall be required to pay the same rate(s) as the General Customer rates and charges for all services. The suspension period shall remain in effect for a minimum of one (1) year.

(c) Reinstatement of the Charity Rates and Charges will not occur until a full year of on-time payments has been made. Suspended organizations must then submit an application as described in Section 5.3. Charity Rates and Charges will not be retroactive for the period of suspension.

(d) Customers shall be informed by first class mail of the suspension of the Charity Rates and Charges.

5.6 Hearing.

Organizations that have been denied eligibility or have been suspended from the Charity Rates and Charges may request an informal hearing.

5.7 No Waiver.

Nothing herein shall limit the Department on its own findings or at the request of another City agency from suspending Charity Rates and Charges from organizations which have violated City law or regulations and thereby under such City law or regulations have forfeited such privileges as the Charity Rates and Charges.

6.0 MISCELLANEOUS WATER CHARGES

Charges for miscellaneous water services supplied by the City of Philadelphia shall become effective September 1, 2023 as follows:

6.1 Meter Test Charges.

(a) A Customer may apply to the Department for a test of the accuracy of the registration of a water meter (Meter Test). At the Customer's request, the Department shall notify the Customer of the time and place of the test so that the Customer may be present.

(b) In testing, meters may be removed from the line and replaced by a tested meter. If removed, the meter shall be tested at the Department's Meter Shop. Meters may also be tested and recalibrated in place without removal and replacement.

(c) All meters shall be removed, replaced, tested or calibrated during the Department's regular business hours (9:00 a.m. to 4:45 p.m.).

(d) A Customer may request a Meter Test to be performed outside the regular business hours of the Department under the following conditions:

(1) the Department has staff available and agrees to a time outside the regular business hours of the Department; and,

(2) the Customer agrees to pay the overtime and added expenses, whether the meter passes or fails the test.

(e) If the register on the meter is found upon testing to be registering within two percent (2%) of the actual volume of water passing through the meter, or registering in favor of the Customer, the Customer will be assessed a Meter Test Charge as follows:

<u>Meter Size</u>	<u>Charge</u>
5/8"	\$130
1", 1-1/2", 2"	\$180
3", 4", 6", 8", 10", 12"	\$390

Field Tests, 3" and above	\$390

(plus any charges and/or expenses incurred for work performed outside the regular hours of business, if requested by the Customer).

(f) If the meter is found upon testing to be registering in excess of 102% of the actual volume of water passing through the meter, the Customer shall not be assessed a Meter Test charge as provided for in subsection (e); and, WRB shall review the billing history of the tested meter for a period not to exceed three years on the basis of the corrected registration and revise it as necessary.

(g) The Department will, at the request of a Customer, test his or her meter at no charge once every twenty years. Additional tests are subject to the charges listed in Section 6.1(e).

6.2 Charges for Furnishing and Installation of Water Meters.

The charges for furnishing and installing water meters are as follows.

(a) For work which involves the furnishing and setting of a water meter and meter interface unit (MIU), the following charges are hereby established:

<u>Meter Size</u>	<u>Charge</u>
5/8"	\$225
3/4 RFSS	415
1"	375
1" RFSS	470
1 1/2"	835
1 1/2" RFSS	785
2"	1,010
2" RFSS	1,020
3" Compound	3,320
3" Turbine	1,825
3" Fire Series	3,645
4" Compound	3,900
4" Turbine	2,635
4" Fire Series	4,505
4" Fire Assembly	6,085
6" Compound	6,445
6" Turbine	4,955
6" Fire Series	5,965
6" Fire Assembly	8,690
8" Turbine	5,885
8" Fire Series	7,550
8" Fire Assembly	12,285
10" Turbine	8,540
10" Fire Series	9,300
10" Fire Assembly	17,745
12" Turbine	9,045
12" Fire Series	10,455
12" Fire Assembly	18,905

(b) For work which involves only the furnishing and setting of an MIU, the following charges are hereby established:

<u>Meter Size</u>	<u>Charge</u>
5/8"	\$ 75
3/4" RFSS	75
1"	120
1 " RFSS	120
1 1/2"	120
1 1/2" RFSS	120
2"	120
2" RFSS	120
3" Compound	310
3" Turbine	310
4" Compound	310
4" Turbine	310
6" Compound	310
6" Turbine	310
8"	310
10"	310

(c) If extraordinary work is required in connection with the installation of a water meter or the replacement of a damaged meter, additional charges shall be computed using actual salaries and materials expended, plus applicable overhead costs.

(d) The Property Owner shall be responsible for safeguarding the meter and seals and shall pay for necessary repairs and replacements due to his/her failure to provide adequate protection to the meter and seals from theft, vandalism, freezing, tampering or other damage. The Property Owner shall also be responsible for the repair and maintenance of the plumbing accessory to the meter, such as inoperable valves, weakened service pipes and fittings, etc. and shall provide and pay for such plumbing, repair and maintenance as City metering needs may require.

6.3 Tampering of Meter.

(a) In the event that an investigation indicates that tampering of a meter has occurred, the following charges to the Customer shall be assessed:

<u>Meter Size</u>	<u>Charge</u>
5/8" or 3/4"	\$ 80
1", 1 1/2", 2"	130
3" and larger	340

6.4 Shut-Off and Restoration of Water Service.

(a) If the Department is required to visit a Property to shut off service for non-payment; and, payment is tendered at the time of the shut-off, a charge of seventy-five dollars (\$75) will be assessed, with the exception stated in Section 6.4(e).

(b) A seventy-five dollar (\$75) charge will be assessed if shut-off of the water service is required as a result of non-compliance with a Notice of Defect and/or metering non-compliance.

(c) After termination of water service for non-payment or violation of service requirements, restoration of water service will not be made until the following charges have been paid in full or payment arrangements satisfactory to the Revenue Department have been made.

(1) Where the only work required is operating the service valve:

(i) service lines 2” and smaller\$75
with the exception stated in Section 6.4(e)

(ii) service lines larger than 2”\$355

(2) Where the curb stop is obstructed, the access box missing or otherwise requires excavation\$700

(3) Where the curb stop is inoperable and a new curb stop must be installed \$730

(4) Where the curb stop is obstructed, the access box missing, or otherwise requires excavation, and replacement of footway paving is required\$710

(5) Where the curb stop is inoperable and a new curb box must be installed and replacement of footway paving is required\$740

(6) Where excavation and shut-off of the ferrule at the water main is required \$1,450

(d) If the Department is required to remove concrete footway paving in order to perform the shut-off and/or restoration, the footway will be replaced by the Department and the preceding charges applied unless proof has been provided to the Department that some other qualified person will replace the paving.

(e) A charge of \$12 will be assessed if a Customer is enrolled in IWRAP and the Department is required to visit the Property to:

(1) shut off service for non-payment; and, payment is tendered at the time of the shut-off; or

(2) restore water service after termination of water service for non-payment or violation of service requirements.

6.5 Pumping of Properties.

The following charges shall apply for the pumping of water from properties when the condition requiring such service is not caused by the Department.

(a) Occupied Properties

(1) Pumping of water from occupied Properties may be done at the Property Owner's request and expense.

(2) Pumping of other Properties due to the failure of a Property Owner's piping may be performed by the Department and be charged to the Property Owner of the Property at which the failure occurred.

(3) Charges for pumping shall be calculated at actual salaries and materials expended, plus applicable overhead costs.

(b) Unoccupied Properties

The Department may, at its sole and exclusive discretion, pump water from unoccupied properties if it is determined that a serious condition exists. The charges for pumping shall be as specified in Section 6.5(a).

6.6 Charges for Water Main Shutdown.

(a) The Department of Licenses and Inspections shall issue permits for the temporary shutdown of a water main to allow a registered plumber to make immediate repairs to a broken water service and to avoid the necessity of opening the street.

(b) Permits shall be issued after:

(1) Certification by the Department that the shutdown will not seriously inconvenience other Customers; and

(2) The applicant has paid a three hundred and fifteen dollar (\$315) service charge.

(c) In an emergency or when responsibility for a leak is in doubt, the Department may make the shutdown before the permit is obtained. If the Department determines that the leak was not the Department's responsibility, the owner shall obtain a permit and pay the above stated service charge and any other costs incurred by the Department in conducting the emergency shut down.

6.7 Water Connection Charges.

(a) Permits. Permits for connections to the City's water supply system shall be issued by the Water Permit section of the Department of Licenses and Inspections.

(b) Ferrule Connections.

(1) Connections between 3/4 inch and two inches (2") in diameter shall be made by a ferrule installed by the Department. The owner, at his own expense, shall excavate for the connection, install all piping and appurtenances after the ferrule and fill the excavation. The owner thereafter shall be responsible for maintaining this piping and appurtenance.

(2) The charges for such ferrule connections, with the exception stated in Section 6.7(b)(3), shall be as follows:

<u>Size</u>	<u>Charge</u>
3/4"	\$185
1"	210
1 1/2"	250
2"	320

(3) The charges for such ferrule connections, when the work performed at the Customer's request is not during the Department's regular business hours (9:00 a.m. to 4:45 p.m.), shall be as follows:

<u>Size</u>	<u>Charge</u>
3/4"	\$210
1"	235
1 1/2"	275
2"	340

(c) Valve Connections. Connections three inches (3”) and larger shall be made by a valve installed by the Department. This valve installation shall include, but shall not necessarily be limited to, the connection to the main, the valve, valve box, necessary piping after the valve from the main in the street to one foot inside the curb, backfill and repaving. The Department shall thereafter be responsible for maintaining this valve and piping, unless the associated meter has been reduced at the Property Owner’s request to a two inch (2”) or smaller meter, in which case the Property Owner shall be responsible for valve and piping maintenance.

(1) The charges for valve connections shall, with the exceptions stated in Section 6.7(c)(2), shall be as follows:

<u>Size</u>	<u>Charge</u>
3" & 4"	\$ 12,725
6" & 8"	13,590
10" & 12"	16,230

(2) The charge for such valve connections, when the work is performed at the Customer’s request is during other than normal work hours or the work is performed in an area designated by the Streets Department as a special work zone, shall be as follows:

<u>Size</u>	<u>Charge</u>
3" & 4"	\$ 14,720
6" & 8"	15,580
10" & 12"	18,225

(d) Attachment to a Transmission Main

(1) There shall be no connection to a transmission main without Department approval. Such approval shall be requested by application forms and procedures issued by the Department.

(2) Where a connection is made to a water main larger than 12 inches in diameter, with the exceptions stated in Sections 6.7(d)(3)&(4), the charges will be a follows:

SLEEVE 3" & 4"

MAIN

16" \$ 20,690

20"	22,845
24"	25,145
30"	37,330
36"	44,250

SLEEVE 6" & 8"

MAIN

16"	\$20,905
20"	22,560
24"	25,145
30"	39,320
36"	48,835

SLEEVE 10" & 12"

MAIN

16"	\$20,980
20"	22,920
24"	25,145
30"	39,955
36"	51,545

(3) The charges for such connections, when the work performed at the Customer's request is not during the Department's regular business hours (9:00 a.m. to 4:45 p.m.), or the work performed is in an area designated by the Streets Department as a special work zone, shall be as follows:

SLEEVE 3" & 4"

MAIN

16"	\$23,185
20"	25,335
24"	27,635
30"	39,820
36"	46,740

SLEEVE 6" & 8"

MAIN

16"	\$23,400
20"	25,050
24"	27,635
30"	41,810
36"	51,325

SLEEVE 10" & 12"

MAIN

16"	\$23,470
20"	25,410
24"	27,635
30"	42,445
36"	54,035

(4) Where a connection is made to a water main 48" or larger in diameter, the charge will be that for a connection to a 36" main, stated above in Sections 6.7(d)(2) or (3), plus an additional charge representing the difference between the current cost of a 36" sleeve and the cost of the larger sleeve. The additional charge shall be paid before any permit can be issued as prescribed below in Section 6.11.

(e) Should police assistance for traffic control be required for a ferrule or valve connection, the Customer shall pay the required fee to the Police Department.

6.8 Discontinuance of Water.

Except as otherwise provided, no Customer shall be relieved of the obligation to pay water and sewer charges unless a permit for the discontinuance of water and sewer has been obtained from the Department of Licenses and Inspections pursuant to the provisions of Philadelphia Code section 19-1601. When a permit is granted to discontinue water and sewer service, charges shall terminate on the date of removal of the meter by the Department. The charge for a permit for discontinuance of water is one hundred dollars (\$100), regardless of service size. A validly issued permit to discontinue water and sewer does not terminate the obligation to pay for stormwater management services.

6.9 Hydrant Permits.

(a) A permit shall be obtained from the Water Permit section of the Department of Licenses and Inspections before a hydrant can be used. The permit shall contain the terms

and conditions that are required of the Customer in order for the Customer to use the hydrant.

(b) The costs for obtaining a permit shall be as follows.

(1) One Week Permit for use of standard pressure hydrant.....\$ 1,205

(2) Six Month Permit for use of standard pressure hydrant.....\$ 6,295

6.10 Flow Tests.

When a Customer requests the Department to conduct a flow test on a fire hydrant to determine the volume and residual pressure available on a domestic or fire connection, or at a specific location, the charge shall be five hundred and seventy dollars (\$570) for each flow test.

6.11 Water Service Line Investigations and/or Inspections

When a Customer or a duly authorized representative of a Customer requests the Department to conduct an investigation to locate and/or to inspect the water service line at a specific location, the charge shall be one hundred and thirty dollars (\$130) for each investigation or inspection. The charge shall be assessed regardless of the result of the investigation or inspection.

6.12 Payment.

All billings for the above services are due and payable when rendered, unless stated otherwise herein, and are subject to such penalties for late payment as is prescribed by current ordinance or as may be amended. Payments for permits shall be made in full prior to any permit being issued.

7.0 MISCELLANEOUS SEWER CHARGES

Charges for miscellaneous sewer services supplied by the City of Philadelphia shall be effective September 1, 2023, as follows.

7.1 Sewer Charges for Groundwater.

(a) Sewer charges for groundwater discharged to the City's sewer system shall be as follows:

(1) Effective September 1, 2023 and thereafter, the rate shall be \$13.47 per 1,000 cubic feet.

(b) To determine the quantity of such discharged groundwater, the Customer shall install a meter or measuring device satisfactory to the Department. If, in the opinion of the Department, it is not feasible to install a meter or measuring device, the Department may designate some other method of measuring or estimating the quantity of discharged groundwater.

7.2 Charges for Wastewater Service.

(a) The charge for sanitary type wastewater delivered to any of the City's Water Pollution Control Plants shall be as follows.

(1) Effective September 1, 2023 and thereafter, the rate shall be \$62.25 per 1,000 gallons.

(b) Where accurate quantities of wastewater delivered cannot be determined, such quantities shall be estimated for billing purposes by such fair and reasonable methods as shall be approved by the Water Commissioner.

(c) The locations, times, delivery procedures and exact nature of the pollution characteristics of the delivered wastewater shall be determined by the Department.

(d) From time to time, Customers shall be required to file with the Department a questionnaire establishing or revising information on the quantity and quality of wastewater delivered and other pertinent data deemed necessary by the Department. Failure to furnish such information shall be sufficient grounds for denial or termination of delivery privileges.

(e) Measurements, tests and analyses of the characteristics of delivered wastewater shall be determined in accordance with the latest edition of *Standard Methods for the Examination of Water and Wastewater*, published jointly by the American Public Health Association, the American Water Works Association (AWWA) and the Water Environment Federation (WEF).

(f) If any bill for the above services shall remain unpaid for more than sixty (60) days from date rendered, the Department may refuse acceptance of additional wastewater until all unpaid balances, with late charges, are paid in full.

7.3 Wastewater Discharge Permit.

All Industrial Users contributing wastewater to the City's sewer system must obtain a permit from the Department pursuant to the Wastewater Control Regulations in Chapter 5 of the Department's regulations. The fee for each new or renewal permit is two thousand seven hundred and forty-five dollars (\$2,745).

7.4 Groundwater Discharge Permit.

All Industrial Users contributing groundwater to the City's sewer system must obtain a permit from the Department pursuant to the Wastewater Control Regulations contained in Chapter 5 of the Department's regulations. The fee for each new or renewal permit is two thousand seven hundred and forty-five dollars (\$2,745).

7.5 Manhole Pump-out Permit

(a) Any non-domestic User discharging wastewater from underground structures to the City's sewer system must obtain a manhole pump-out permit from the Department pursuant to the Wastewater Control Regulations in Chapter 5 of the Department's regulations. The fee for each new or renewal permit is two thousand eight hundred and sixty-five dollars (\$2,865).

(b) In the event a User requests discharge locations in the City's separate sewer areas under this permit, the City may assess additional fees for any work associated with the review of this request and the identification of the discharge locations.

7.6 Trucked or Hauled Wastewater Permit

Any person trucking or hauling wastewater to the POTW must first obtain a septage discharge permit from the Department pursuant to the Wastewater Control Regulations in Chapter 5 of the Department's regulations. The fee for each new or renewal permit shall be one thousand five hundred and sixty dollars (\$1,560).

7.7 PHOTOGRAPHIC & VIDEO INSPECTION

When a Customer or a duly authorized representative of a Customer requests the Department to conduct a photographic or video inspection of a private sewer line at a specific location, the charge shall be two hundred and seventy five dollars (\$275) for each photographic or video inspection. The charge shall be assessed regardless of the result of the photographic or video inspection.

7.8 Payment.

All billings for the above services are due and payable when rendered, unless stated otherwise herein, and are subject to such penalties for late payment as is prescribed by

current ordinance or as may be amended. Payments for permits shall be made in full prior to any permit being issued.

8.0 MISCELLANEOUS PLAN REVIEW AND INSPECTION CHARGES

8.1 Stormwater Plan Review and Inspection Fees.

All Development plans submitted to the Department under Chapter 6 of the Department's regulations for stormwater management approvals shall be subject to a plan review fee.

(a) Fees.

(1) A fee of one thousand four hundred and ninety dollars (\$1,490) shall be due upon submission of the Conceptual Stormwater Management Plan for review.

(2) A fee of one hundred and seventy dollars (\$170) per hour of review time shall be due prior to issuance of the Post-Construction Stormwater Management Plan approval.

(i) Review time shall be based on the City's tabulation of actual hours expended by Department employees or consultants reviewing the plans associated with a particular development project for compliance with Chapter 6 of the Department's regulations.

(3) A fee of three hundred and seventy-five dollars (\$375) for the final inspection of a development project to confirm compliance with Chapter 6 of the Department's regulations shall be due prior to issuance of the Post-Construction Stormwater Management Plan approval.

(b) Refund of fees. The Department shall refund any fees specified above if a plan submittal is not approved or denied within 21 days for conceptual site plans and within 45 days for technical site plans.

8.2 Stormwater Management Fee in Lieu.

The fee in lieu shall be calculated as follows:

(a) For an exemption to only the Water Quality Requirement of Chapter 6 of the Department's regulations the fee in lieu shall be thirty-six dollars (\$36.00) per square foot based on the total Directly Connected Impervious Area within the limit of Earth Disturbance.

8.3 Utility Plan Review Fees.

All Utility Plans submitted to the Department to receive building permit approval in accordance with Administrative Code Section A-305.2.1.6 shall be subject to a plan review fee.

(a) A fee of three hundred and ten dollars (\$310) shall be due upon submission of the Utility Plan for review.

9.0 FIRE SERVICE CONNECTIONS

Fire service connection charges shall consist of a monthly service charge and a quantity charge and shall be effective September 1, 2023, as follows.

9.1 Charges.

(a) Monthly Service Charges.

(1) The monthly service charges for the furnishing of water for the purpose of fire protection effective September 1, 2023 and thereafter, shall be as follows:

<u>Connection Size</u>	<u>Service Charge</u>
Up through 4-inch	\$ 27.97
6-inch	51.85
8-inch	78.03
10-inch	114.74
12-inch	181.54

(b) The City may permit fire service connections to its water system outside the City of Philadelphia only in properties contiguous to the City where in the opinion of the Water Commissioner water service for fire protection may be furnished without interference with water service to properties within the City.

(c) Pipe connections to the Philadelphia water system, meters and other service requirements shall be in accordance with the standard fire service requirements of the Department.

(d) Quantity Charges.

(1) In addition to the service charge, the quantity charge portion of each bill is determined by applying the quantity charge rate shown below to all water use. In addition, the quantity charge will also include a TAP Rate Rider Surcharge, as set forth in Section 10.

Effective September 1, 2023 and thereafter, the quantity charge shall be as follows:

1 Mcf = 1,000 cubic feet = 7,480 gallons

<u>Monthly Water Usage</u>	<u>Base Charge Per Mcf</u>	<u>TAP-R Per Mcf</u>	<u>Total Charge Per Mcf</u>
First 2 Mcf (0 to 2 Mcf)	\$59.32	\$0.15	\$59.47
Next 98 Mcf (2.1 to 100 Mcf)	53.37	0.15	53.52
Next 1,900 Mcf (100.1 to 2,000 Mcf)	41.34	0.15	41.49
Over 2,000 Mcf	40.22	0.15	40.37

Note: Actual TAP-R rates are subject to Annual Reconciliation and the determination of the Rate Board.

(e) The provisions in this Section apply to all fire service connections.

9.2 Payment.

All billings for the above services are due and payable when rendered, unless stated otherwise herein, and are subject to such penalties for late payment as is prescribed by current ordinance or as may be amended. Payments for permits shall be made in full prior to any permit being issued.

10.0 PROVISIONS FOR RECOVERY OF THE TIERED ASSISTANCE PROGRAM (TAP) COSTS

The lost revenue related to TAP (the “TAP Costs”) will be recovered via a separate TAP Rate Rider Surcharge Rate (TAP-R), which would be added to the water, fire service and sewer quantity charge rate schedules. This TAP-R shall be increased or decreased for the next rate period to reflect changes in TAP costs, and will be calculated and reconciled on an annual basis in the manner set forth below.

10.1 Computation of the TAP-R

(a) The TAP-R Equation

The TAP-R shall be computed to the nearest one-hundredth of a dollar per MCF (\$0.01/MCF) in accordance with the formula set forth below:

$$\text{TAP-R} = \frac{(C) - (E + I)}{S}$$

The TAP-R so computed, shall be applied as an adder to the water, fire service connection and sewer quantity charge base rate schedules set forth for water in Section 2.1 (c); sewer in Section 3.3 (b); and fire service in Section 9.1 (d), of these Rates and Charges. As a result, the TAP-R shall consist of two sub-components:

- (1) A “Water TAP-R” added to the water and fire service quantity “base rate” (\$/MCF); and
- (2) A “Sewer TAP-R” added to the sewer quantity “base rate” (\$/MCF).

During the rate periods that TAP-R is effective, to recover the TAP Costs through Water TAP-R and the Sewer TAP-R respectively, the total TAP Costs determined for a given rate period will be apportioned between water and wastewater utilities based on the proportion of water and wastewater net revenue requirement respectively to total net revenue requirement. The percent allocation of TAP Costs between water and wastewater utilities will be as follows:

- (i) Water TAP Cost Allocation: 42%
- (ii) Sewer TAP Cost Allocation: 58%

(b) Definitions

In computing the TAP-R pursuant to the formula above, the following definitions shall apply:

- (1) **TAP-R** - TAP Rate Rider Surcharge Rate (\$/MCF).
- (2) **C** – Cost in dollars of the estimated TAP Billing Loss for the projected period.

- (3) **E** - The net over or under collection of the TAP-R surcharge amount for the Most Recent Period. The net over or under collection will be calculated by comparing the actual TAP Revenue Loss (resulting from discounts provided to TAP Customers) with the actual TAP-R surcharge amounts billed to Non-TAP Customers. Both the TAP Revenue Loss and the TAP-R billings, that are determined for the rate periods, will be adjusted for collections by applying the Department’s system-wide collection factor of 96.99%.
- (4) **I** - Interest on any over or under recovery of the TAP-R for the Most Recent Period. Interest will be computed on a monthly basis using a simple annual interest rate. The interest rate will be based upon the yield to maturity of a particular date of United States Treasury securities with a constant maturity for a 1-year Treasury as compiled and published in the Federal Reserve Statistical Release H.15 (519) for the United States Treasury¹, as it exists each year as of the first day of the month, preceding the month of the annual reconciliation submission to the Rate Board.
- (5) **S** - Projected sales in MCF for Non-TAP customers.
- (6) **Most Recent Period** – The Current Fiscal Year and/or the period for which TAP-R reconciliation is performed.
- (7) **Next Rate Period** – The fiscal year and/or the period that immediately follows the Most Recent Period, and in which the TAP-R is effective.

10.2 Filing with the Philadelphia Water, Sewer and Storm Water Rate Board

The Water Department shall initiate the annual TAP Rate Rider Reconciliation by filing an advance notice with the Philadelphia Water, Sewer and Storm Water Rate Board (the “Rate Board”) and City Council in accordance with the procedures and standards established by the Rate Board through its regulations.

¹ Currently available at <https://www.federalreserve.gov/releases/h15/>.

10.3 TAP-R Surcharge Rates

(a) Water TAP-R

The Water TAP-R portion of each water bill is determined by applying the Water TAP-R surcharge rate shown below to all water use.

1 Mcf = 1,000 Cubic Feet = 7,480 gallons
--

- (1) Effective September 1, 2023 and thereafter, the Water TAP-R surcharge shall be \$0.15 per Mcf as determined by the annual reconciliation filing.

(b) Sewer TAP-R

The Sewer TAP-R portion of each sewer bill is determined by applying the Sewer TAP-R surcharge rate shown below to all water use.

1 Mcf = 1,000 Cubic Feet = 7,480 gallons
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- (1) Effective September 1, 2023 and thereafter, the Sewer TAP-R surcharge shall be \$0.24 per Mcf as determined by the annual reconciliation filing.

PHILADELPHIA WATER DEPARTMENT

RATES AND CHARGES

Effective: September 1, 2024.

1.0 DEFINITIONS.

(a) Condominium Properties: Real estate, portions of which are designated for separate ownership and the remainder of which is designated for common ownership by the owners of those portions. Real estate is not a condominium unless the undivided interests in the common elements are vested in the unit owners.

(b) Customer: An owner, Tenant or occupant who by operation of law or agreement is responsible for payment of the charges for water/sewer/stormwater service at a Residential, Non-residential or Condominium Property.

(c) Department: The Philadelphia Water Department is the operating department of the City of Philadelphia with the duties, powers and obligations set forth in the Home Rule Charter and the Philadelphia Code.

(d) Dwelling Unit: A single unit within a building providing complete, independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking, and sanitation.

(e) Home Rule Charter: The Philadelphia Home Rule Charter, as codified in Pennsylvania First Class City Home Rule Act, April 21, 1949 P.L. 665, 351 Pa. Code §1-100 et seq.

(f) Mcf: Thousand cubic feet. The quantity charges in Sections 2, 3, 9 and 10 are expressed in Mcf.

1 Mcf = 1,000 cubic feet = 7,480 gallons

(g) Municipal Stormwater System: City owned and maintained real property, infrastructure or natural feature used and/or constructed for purposes of transporting, conveying, retaining, detaining, or discharging stormwater runoff.

(h) Non-residential Property: Real estate which cannot be classified as either Residential or Condominium. Real estate used exclusively as a cemetery shall not be considered Non-residential property.

(i) Philadelphia Code: The body of laws and regulations enacted by the Philadelphia City Council.

(j) Philadelphia Department of Records: An operating department of the City of Philadelphia with the duties, powers and obligations set forth in the Home Rule Charter and the Philadelphia Code.

(k) Property: Any parcel of real estate identified in the records of the Philadelphia Department of Records.

(l) Property Owner: The owner of the particular parcel of real estate identified in the records of the Philadelphia Department of Records, or the grantee in a land transfer of record.

(m) Residential Property: Real estate used exclusively for residential purposes with at least one and no more than four Dwelling Units and which cannot be classified as Condominium Property. Property adjacent to Residential Property owned and utilized exclusively by the Residential Property owner for residential uses. Upon proof submitted to the Department, said properties shall be deemed by the Department to form one Residential parcel comprised of the Property and the Residential Property.

(n) Stormwater Management Practice (SMP): Any man-made structure that is designed and constructed to detain, infiltrate, or otherwise control stormwater runoff quality, rate, or quantity.

(o) Surface Discharge: The discharge of stormwater runoff from a property to an adjacent surface water body, without the use of City infrastructure.

(p) Undeveloped Property: Property classified by the Board of Revision of Taxes as SB, SC, SI, SR, or SS; Undeveloped refers to the status of the property as having no structures and is not related to whether the property has ever been developed.

(q) Water Commissioner: The Water Commissioner of the City of Philadelphia who performs the duties and obligations as set forth in the Philadelphia Home Rule Charter and the Philadelphia Code.

(r) Utility Plan: A plan that shows water, sewer, and/or stormwater connections and sizes, utility locations, and impacts to rights-of-way, the approval of which is required under the Administrative Code Section A-305.2.1.6.

1.1 Conformity with Existing Law.

Nothing contained herein shall be deemed to overrule or annul any existing provisions of the Home Rule Charter or the Philadelphia Code.

1.2 Severability.

If any provision, paragraph, word or sections herein is invalidated by any court of competent jurisdiction, the remaining provisions, paragraphs, words and sections shall not be affected and shall continue in full force and effect.

2.0 WATER CHARGES

Charges for water service supplied by the City of Philadelphia shall be effective on September 1, 2024, as follows:

2.1 General Customers.

Charges for the supplying of water shall be determined and billed as follows:

(a) Charges and billing in general.

(1) Water charges shall consist of a service charge and quantity charge.

(2) A service charge shall be billed monthly.

(3) As set forth in Section 2.1(b), the type and size of the meter shall determine the service charge.

(4) In addition, there shall be a quantity charge as provided herein for water used in a monthly billing cycle, either as metered or as estimated.

(5) Quantity charges shall be billed for monthly cycles as provided herein. The cycle shall be the period between the dates of scheduled metered readings, actual or estimated.

(b) Monthly service charges.

(1) Effective September 1, 2024 and thereafter, the monthly service charge for the various types and sizes of meters shall be as follows:

<u>Size</u>	<u>Code</u>	<u>Charge</u>
5/8	R	\$5.17
3/4	Z	5.70
1	Q	7.19

1	P	10.29
-1/2		
2	X	14.75
3	O	24.33
4	W	43.28
6	N	82.46
8	V	
		127.0
		3
10	E	
		185.1
		6
12	T	
		313.2
		7

Residential Fire Sprinkler System Meters

Size Code Charge

3/4	Z	9.27
1	Q	10.76
1	P	13.86
-1/2		
2	X	18.32

(c) Quantity charges

In addition to the service charge, the quantity charge portion of each bill is determined by applying the quantity charge set forth below to all water use. In addition, the quantity charge will also include a Tiered Assistance Program (TAP) Rate Rider Surcharge, as set forth in Section 10.

(1) Effective September 1, 2024 and thereafter, the quantity charge portion of each bill shall be as follows:

1 Mcf = 1,000 cubic feet = 7,480 gallons.

<u>Monthly Water Usage</u>	<u>Base Charge Per Mcf</u>	<u>TAP-R Per Mcf</u>	<u>Total Charge Per Mcf</u>
First 2 Mcf (0 to 2 Mcf)	\$64.32	\$0.15	\$64.47
Next 98 Mcf (2.1 to 100 Mcf)	57.88	0.15	58.03
Next 1,900 Mcf (100.1 to 2,000 Mcf)	44.84	0.15	44.99
Over 2,000 Mcf	43.62	0.15	43.77

Note: Actual TAP-R rates are subject to Annual Reconciliation and the determination of the Rate Board.

(d) Temporary Transitional Provisions: Some special customers whose charges are now based on meter size may find that they are in fact 'over-metered' - their metered service is too large for their actual requirements and results in excessive bills. They may apply for a downward revision in the size of their meters. After the approval of the Department, the revision of plumbing arrangements and the installation of smaller meter, the lower charge by meter size shall apply.

3.0 SEWER CHARGES

Charges for sewer service supplied by the City of Philadelphia shall be effective on September 1, 2024, as follows:

3.1 General Customers.

(a) All customers discharging wastewater into the City's wastewater system shall pay sewer charges as set forth in Section 3.3. In addition to the charges set forth in Section 3.3, all customers discharging wastewater whose pollutant content is greater than the pollutant content of Normal Wastewater, as defined below in Section 3.1(b), shall pay an additional surcharge as set forth in Section 3.4.

(b) Normal Wastewater subject to the regular sewer charges set forth in Section 3.3 is that wastewater which contains 250 milligrams per liter or less of five day biochemical oxygen demand (BOD₅) and 350 milligrams or less per liter or less of suspended solids (SS).

(c) Wastewater subject to the surcharge set forth in Section 3.4 is that wastewater which contains either more than 250 milligrams per liter of BOD₅ or more than 350 milligrams per liter of SS, or both.

3.2 Charges.

(a) Sewer charges shall consist of a service charge and a quantity charge.

(b) A service charge shall be billed monthly.

(c) As set forth in Section 3.3(a), the size of the meter shall determine the service charge.

(d) In addition, as set forth in Section 3.3(b), there shall be a quantity charge for sewer service in a monthly billing cycle, either as metered or as estimated.

(e) Quantity charges shall be billed for monthly cycles as provided herein. The cycle shall be between the dates of scheduled metered readings, actual or estimated. Quantity charges imposed shall be based on the water usage of the Property served.

3.3 Regular Sewer Charges.

(a) Monthly service charges shall be determined and billed as follows:

(1) Effective September 1, 2024 and thereafter, the monthly service charge for the various sizes of meters shall be as follows:

<u>Size</u>	<u>Code</u>	<u>Charge</u>
5/8	R	\$7.64
3/4	Z	9.79
1	Q	14.43
1	P	25.53
2	X	39.44
3	O	71.26

4	W	120.98
6	N	238.64
8	V	377.82
10	E	545.20
12	T	992.49

Residential Fire Sprinkler System Meters

Size Code Charge

3/4	Z	7.64
1	Q	7.64
1	P	7.64
-1/2		
2	X	7.64

(b) Quantity charge

In addition to the service charge, the quantity charge portion of each sewer bill is determined by applying the quantity charge rate shown below to all water use. In addition, the quantity charge will also include a TAP Rate Rider Surcharge, as set forth in Section 10.

1 Mcf = 1,000 Cubic Feet = 7,480 gallons

(1) Effective September 1, 2024 and thereafter, the quantity charge shall be:

<u>Base Charge</u>	<u>TAP-R</u>	<u>Total Charge</u>
<u>Per Mcf</u>	<u>Per Mcf</u>	<u>Per Mcf</u>
\$41.11	\$0.24	\$41.35

3.4 Surcharge.

(a) Effective September 1, 2024 and thereafter, the surcharge for wastewater by definition in excess of Normal Wastewater shall be fixed at forty-five cents (\$0.450) per pound of pollutants received into the wastewater system in excess of 250 milligrams per liter of BOD₅ and forty-five and eight tenths cents (\$0.458) per pound of pollutants received into the wastewater system in excess of 350 milligrams per liter of SS.

(b) The BOD₅ and SS of wastewater shall be determined from samples taken on the Customer's Property at any period or time and of such duration and in such manner as the Department may prescribe or at any place mutually agreed upon between the Customer and the Department. With prior written approval of the Department, the results of routine sampling and analyses by the Customer may be used in determining the amount of the surcharge.

(c) If, in the Department's judgment, sampling of wastewater is neither feasible nor practical, the Department, for billing purposes, may base BOD₅ and SS of the wastewater on sampling results for similar discharge and/or values obtained from technical literature.

(d) Customers discharging wastewater subject to the surcharge shall, as prescribed by the Department:

(1) Install and maintain such facilities for sampling and measuring the wastewater discharged from their properties; and

(2) Maintain such records and information deemed necessary for the determination of the surcharge.

(e) Customers, as required from time to time, shall file with the Department responses to a questionnaire establishing or revising pertinent information on the quantity of flow and the quality of wastewater and other data deemed necessary for the determination of the surcharge.

(f) Measurements, tests and analyses of the characteristics of wastewater subject to surcharge shall be determined in accordance with the latest edition of *Standard Methods for the Examination of Water and Wastewater*, published jointly by the American Public Health Association, the American Water Works Association (AWWA) and the Water Environment Federation (WEF).

(g) The surcharge shall be applied to the total wastewater discharged less any portion excluded by the Department.

3.5 Sewer Credits.

Pursuant to Section 13-101(6) of the Philadelphia Code, the method of crediting water users' sewer bills for City water used but not discharged into the wastewater disposal system shall be as follows.

(a) Eligibility. Where commercial and industrial facilities that use City water do not discharge all of such water into the wastewater system, the quantity of such water may be excluded in determining the proper sewer charge, provided that:

(1) at least 5% of water used, or

(2) 225,000 cubic feet per year, whichever is less, is not discharged into the wastewater system.

(b) Determination of the Amount of Exclusion. To determine the amount of such exclusion the Customer shall install a meter or measuring device satisfactory to the Department provided that, if in the opinion of the Department, it is not feasible to install a meter or measuring device, some other satisfactory method of measuring ("credit factor") may be designated by the Department on application of the Customer.

(c) Fee for Application. When the Customer applies to the Department for a determination on the quantity of water to be excluded by some method other than metering of the sewer, or re-applies for a revised method measuring a larger quantity of water to be excluded, there shall be charge of one thousand one hundred and fifty dollars (\$1,150) for the review of such application.

(d) Effective Date of Credits and Approved Credit Factors. Credits on a water user's sewer bills for quantities of water used but not discharged into the wastewater disposal system shall be effective from the submission date of an approved application. In order to be reviewed for approval, applications shall be complete, submitted on forms provided by the Department and shall be accompanied by a check payable to the City of Philadelphia in the amount required in Section 3.5(c). No credits shall be made retroactively.

(e) Review of Approved Credit Factors. The Department reserves the right to review approved credit factors. Customers may, from time to time, be required to submit current water use and sewer discharge information. Customers may also be required to submit new applications for the credit factor. Failure to comply with the Department's requests for information or new applications may result in termination of the Customer's credit factor.

(f) Failure to Inform the Department of Increased Sewer Use. Customers with credit factors who fail to inform the Department of increased discharges to the wastewater system shall be subject to the imposition of the full charges for sewer use based on total water usage from the most recent application date, with applicable interest. In addition,

the Department may impose a fine of five hundred and forty dollars (\$540) for each billing period from the application date.

4.0 STORMWATER MANAGEMENT SERVICE CHARGES

Charges for Stormwater Management Services (SWMS) supplied by the City of Philadelphia shall be effective September 1, 2024 as follows:

4.1 Charges.

All properties within the City shall be billed a SWMS charge.

4.2 Residential Properties.

All Residential Properties shall be charged a monthly SWMS charge and a monthly Billing and Collection charge as follows:

(a) Effective September 1, 2024 and thereafter all Residential Properties shall be charged the rates listed below:

<u>SWMS</u>	<u>Billing & Collection</u>
\$18.47	\$1.94

(b) Residential Properties which do not have sewer service and which also have previously been charged only for water service shall be charged the rates shown above at 4.2 (a).

4.3 Non-Residential Properties.

Non-Residential Properties shall be charged a monthly SWMS charge and a monthly Billing and Collection charge as follows:

(a) Non-residential Properties shall be charged based on the Gross Area (GA) of the Property and the Impervious Area (IA) of the Property.

(1) GA includes all of the Property area within the legally described boundaries except streets, medians, and sidewalks in the public right-of-way and railroad tracks and station platforms in the railroad right-of-way.

(2) IA includes surfaces which are compacted or covered with material that restricts infiltration of water, including semi-pervious surfaces such as compacted clay,

most conventionally hard-scaped surfaces such as streets, driveways, roofs, sidewalks, parking lots, attached and detached structures, and other similar surfaces.

(i) For Non-residential Properties with less than 5,000 square feet GA, the IA shall be estimated as a percentage of GA.

(A) For Undeveloped Property as defined in Section 1.0, the IA shall be 25% of the GA.

(B) For other Properties, the IA shall be 85% of the GA.

(3) In determining the GA Factor and IA Factor of a Property for the SWMS charge, the Department shall use increments of 500 square feet rounding up to the next highest increment.

(4) Calculating the Monthly SWMS charge. The monthly SWMS charge for each Non-residential Property is calculated by:

(i) dividing the GA in square feet by 500 and rounding up to the next whole unit to determine the GA Factor, then multiplying the GA Factor by the GA Rate to determine the GA charge;

(ii) dividing the IA in square feet by 500 and rounding up to the next whole unit to determine the IA Factor, then multiplying the IA Factor by the IA Rate to determine the IA charge;

(iii) the addition of the GA charge and the IA Charge equals the SWMS charge; and

(iv) the addition of the SWMS charge and the Billing and Collection charge together equals the total monthly stormwater charge.

(5) Rates for GA, IA and Billing and Collection.

(i) Effective September 1, 2024 and thereafter, the Rates shall be as follows:

<u>GA</u> (\$/500 s.f.)	<u>IA</u> (\$/500 s.f.)	<u>Billing & Collection</u>
0.862	6.309	\$2.52

(6) Minimum Monthly Charges. Non-residential Properties shall be subject to a minimum monthly charge. If the monthly charge calculated in Section 4.3(a)(4) is less than the monthly charges listed below then the monthly charges below shall be billed to the Property.

<u>SWMS</u>	<u>Billing & Collection</u>
\$18.47	\$2.52

(7) Adjustment Appeal Procedure.

(i) Customers may appeal the GA and/or IA calculations, property classification, or charge distribution of their property.

(ii) Adjustments shall be made using forms and procedures as defined by the Credits and Adjustment Appeals Manual and sent to:

Philadelphia Water Department
SWMS Charge Appeals
1101 Market Street
4th Floor
Philadelphia, PA 19107-2994

(iii) Adjustments to the GA and/or IA determination are separate and distinct from the billing review procedures established by Section 19-1702 of the Philadelphia Code.

(iv) The grounds supporting the adjustment shall be stated in writing, and include any exhibits, such as photographs, drawings or maps, site plans, and affidavits that support the claim. In addition, a land survey prepared by a registered surveyor shall be attached showing all Dwelling Units, total property area, type of surface material and impervious area, as appropriate, and any other information requested in writing by the Department. The Department may waive the submission of a land survey, if the Department determines that the survey is not necessary to make a determination on the appeal.

(v) The Customer filing the appeal is solely responsible to demonstrate, by clear and convincing evidence, that the GA and/or IA square footage information used by the Department, from which the adjustment appeal is being taken, is erroneous.

(vi) The filing of a notice of an adjustment appeal shall not stay the imposition, calculation or duty to pay the SWMS charge.

(vii) If the adjustment appeal results in a revised GA and/or IA calculation, correction of property classification, correction of parcel identification, or revisions to the default charge allocation, then the adjusted SWMS Charge will be effective from the date of receipt of the Adjustment Appeals Application; except that the Department may authorize WRB to credit accounts for adjustments to the GA and/or IA calculation for a period not to exceed three years prior to receipt of the Adjustment Appeals Application if the Customer filing the appeal demonstrates, by clear and convincing evidence, that it was eligible for and qualified to receive the adjustment during the three year period prior to the receipt of the Adjustment Appeals Application was incorrect.

(8) Multiple Accounts Serving One Property. Where there are multiple water accounts on a single Property, the entire SWMS charge of that Property shall be divided equally among the accounts. Each account shall also be billed a Billing and Collection charge. Property Owners shall have the opportunity to request an alternative allocation of the SWMS Charge.

4.4 Condominium Properties.

(a) Condominium Properties shall be charged SWMS and Billing and Collection charges on the same terms as Non-residential Properties under Section 4.3, but shall be billed as follows:

(1) Condominium Properties with a single water meter account shall be billed such that the entire SWMS charge of the condominium complex property plus a Billing and Collection Charge are billed to that single account.

(2) Condominium Properties with individual water meter accounts for each unit shall be billed such that the entire SWMS charge of the condominium complex property shall be divided and billed equally to each individual account. In addition, each account shall be billed a Billing and Collection Charge.

(3) Condominium Properties with more than one water meter, but without individual water meters for each unit, shall be billed such that the entire SWMS charge of the condominium complex property shall be divided equally among the accounts. Each account shall also be billed a Billing and Collection Charge. The Condominium Owner's Association shall have the opportunity to request an alternative allocation of the SWMS charge.

4.5 SWMS Credits

(a) Eligibility.

(1) Accounts on Non-residential and Condominium properties must be current to be eligible for credits.

(2) The Customer shall make the Property available for inspection by the Department and provide all necessary documentation for purposes of verifying the appropriateness of a SWMS credit(s).

(3) The Customer shall fulfill credit requirements, as described in Section 4.5(c) below, in accordance with the maintenance guidelines as prescribed by the Department, including any and all inspection and reporting obligations.

(b) Classes of Credits. There are three classes of credits: IA Credit, GA Credit, and NPDES Credit. The IA Credit provides a reduction to the IA Charge; the GA Credit provides a reduction to GA Charge; and the NPDES Credit provides reduction to the total SWMS Charge. A Property may be approved for credits from each of the three classes; however, if the resulting SWMS Charge after the application of any credits is less than the Non-residential minimum monthly charge, then the minimum monthly charge will apply.

(c) Credit Requirements.

(1) IA Credit. IA Credit is available for the portion of IA on a property where stormwater runoff is managed (IA Managed). IA Managed is achieved as follows:

(i) For areas of the property that meet the requirements of the following Impervious Area Reductions (IAR), as described in the Stormwater Credits and Adjustment Appeals Manual, a direct reduction in the billable IA may be applied:

(A) Rooftop disconnection,

(B) Pavement disconnection, or

(C) Tree canopy coverage.

(ii) For Properties with PWD-approved Stormwater Management Practices constructed per Chapter 6 of the Department's regulations, the customer must demonstrate compliance with the regulations, including management of the first 1.5 inches of runoff and any and all required reporting, inspection and maintenance activities, except as otherwise provided in 4.5(c)(1)(iv).

(iii) For properties with PWD-approved Stormwater Management Practices, including those constructed with Department stormwater grant funds, the customer must demonstrate management of the first 1.5” of runoff and SMP compliance per the approved record drawing and any and all reporting, inspection and maintenance activities, except as otherwise provided in 4.5(c)(1)(iv).

(iv) The Department may approve a Property for IA credit for Non-Surface Water Discharges under the credit requirements in effect before September 1, 2021, if the Department receives a credit application for that Property on or before September 1, 2021. Such Properties property receiving credit under the credit requirements in effect before September 1, 2021 may continue to receive the credit under those requirements until the credit expires. Upon expiration of the credit, the current or future Property Owners of such Properties may renew the credit under the credit requirements in effect before September 1, 2021 by submitting a renewal application(s) in accordance with Subsection 4.5(f)(4) unless and until this section is modified.¹

(v) For Surface Discharges, the Customer must demonstrate that a portion or all of the impervious area discharges directly to a surface water body.

(2) GA Credit.

(i) Impervious area only. Impervious area shall receive a GA credit based on the criteria defined in Section 4.5(c)(1)(ii), (iii), (iv) and (v) herein.

(ii) Open Space area only. Open Space area is non-impervious area and is calculated as GA minus IA. The Customer must demonstrate a Natural Resource Conservation Service Curve Number (NRCS-CN) below a certain value as described in the Credits and Adjustment Appeals Manual.-

(3) National Pollutant Discharge Elimination System (NPDES) Credit. The Customer must demonstrate the property is subject to and in compliance with a NPDES Permit for industrial stormwater discharge activities.

(d) Credit Maximum.

(1) IA Credit Maximum. IA Credit maximums shall apply as follows:

¹ Prior to September 1, 2021, Customers of Properties with non-Surface Discharges were required to demonstrate management of the first inch of stormwater runoff in one of the three following ways: (1) infiltration, (2) detention and slow release, and/or (3) routing through an approved volume -reducing SMP.

(i) All Non-residential and Condominium properties are eligible for a maximum of 80% IA Credit for the IA Managed.

(ii) A Non-residential or Condominium property with Surface Discharge is eligible for a maximum of 90% IA credit for the IA Managed.

(2) GA Credit Maximum. GA Credit maximums shall apply as follows:

(i) All Non-residential and Condominium properties are eligible for a maximum of 80% GA Credit.

(ii) A Non-residential or Condominium property with Surface Discharge is eligible for a maximum of 90% GA credit.

(3) NPDES Credit Maximum. Eligible properties shall receive a maximum of 7% NPDES credit as described in the Credit and Adjustment Appeals Manual.

(e) Application of Credits

The application of the three classes of credits in calculating a property's monthly SWMS charge shall be described in the Credits and Adjustment Appeals Manual.

(f) Administration of Credits.

(1) A Customer shall apply for credits using application forms and submitting the required documentation as defined in the Credits and Adjustment Appeals Manual.

(2) Any engineering or other costs incurred in completing the application shall be borne by the Customer.

(3) Credits shall be effective upon receipt of a complete application.

(4) All credits shall expire four (4) years from the effective date of the credit. A Customer may renew credits by submitting a renewal application, documentation required by the Department as defined in the Credits and Adjustment Appeals Manual, and paying a renewal fee of three hundred and ninety-five dollars (\$395).

(g) Termination of Credits.

(1) The Department may review any approved credit at any time to verify its continued applicability. Customers may from time to time be asked to submit documentation and/or grant access to the Property receiving the credit. Failure to comply with such requests may result in the termination of the credit(s).

(2) The Customer's failure to meet credit requirements or comply with inspection and reporting obligations, in accordance with Section 4.5(a)(3), shall result in a suspension or revocation of all affected credits pursuant to the procedures issued by the Department.

(h) The Department may, at its sole discretion, issue stormwater credits to individual parcels where stormwater management is being implemented on a shared, collective basis by an organization representing different parcel owners within a defined geographic area.

5.0 BILLING FOR WATER, SEWER AND STORMWATER SERVICE

5.1 Billing.

(a) Estimated Usage and Billing. When an accurate meter reading cannot be obtained at the time of a scheduled meter reading or when necessary for administrative purposes, the quantity of water used may be estimated for billing purposes. Estimated usage will be based upon actual meter readings from prior cycles or by such other fair and reasonable methods as shall be approved by the Water Commissioner. Where the water usage is estimated because of inability to read the meter, any necessary corrections shall be made at the time of the next actual meter reading, or when appropriate.

(b) Charges to be Combined. At the discretion of the Water Commissioner, each bill may combine in one amount the service charge and any quantity charges for water, sewer and stormwater, if applicable.

(c) Bills Due and Payable. All bills are due and payable when rendered.

(d) Penalties for Late Payments.

(1) If current water, sewer, and stormwater bills are not paid within thirty (30) days from the date indicated on the bill, a penalty of five percent (5%) shall be imposed.

(2) An additional penalty of one half of one percent (0.5%) shall be imposed and added to water, sewer, and stormwater bills, and their penalties, on the due date of the bill of each succeeding cycle, except that a period of thirty (30) days shall elapse before the first additional penalty is imposed.

(3) If any water, sewer, and stormwater bill remains unpaid for two cycles after the bill has been rendered, the Revenue Department shall serve a notice of termination upon the delinquent Property Owner and, if the charge, with penalties thereon, is not paid within ten (10) days after such service of notice, the Department, in its discretion, may suspend water service to the Property until the charge with penalties is paid. Penalties for late payment are set by ordinance, not by regulation, and any amendments to the current ordinance shall apply as provided therein.

(e) Balance Due. Each bill shall include any balances due for bills issued from October 1, 2000, including penalties.

(f) Changes in Meter Size. When a change in meter size is made, the charge for the new meter size shall become effective on the date of such change.

(g) Unmetered Customers.

(1) Unmetered Customers shall be billed the same charges established for metered Customers. The water and sewer service charges will be determined by the size of the meter which would be installed for an equivalent service at a similar property. The SWMS charges will be determined based on Section 4.0. The Revenue Department shall estimate the quantity of water used and bill accordingly using the applicable water and sewer quantity charges.

(2) Where unmetered wastewater is discharged to the sewer system without adequate sewer metering, the Department reserves the right to bill the amount of flow based upon its engineering judgment of a reasonable estimate of unmetered usage.

(h) Unoccupied Property.

The billing of unoccupied Properties for water and sewer shall be discontinued only on issuance of a Discontinuance of Water permit. Nothing in this Section shall relieve a Property Owner of his responsibility for maintaining a service line unless a Discontinuance of Water permit has been secured. Under no circumstances will the stormwater service charge be terminated.

(i) Extraordinary Uses or Appliances.

In the event that extraordinary or peculiar uses or appliances, in the opinion of the Water Commissioner, warrant a special charge not provided herein, such charges shall be as fixed by the Water Commissioner in writing.

5.2 Special Customers.

The water, sewer and stormwater management service charges established in Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq. shall be applied to all general Customers, except the following groups of special Customers:

(a) GROUP I

(1) Public and private schools which provide instruction up to or below the twelfth grade but not beyond that grade, and excluding service to any separate or adjoining facilities or structures not used exclusively for educational or instructional purposes.

(2) Institutions of “purely public charity”, as defined by Pennsylvania law, except universities and colleges and excluding service to any separate or adjoining facilities or structures not used exclusively for the principal purpose of the charity.

(3) Places used for actual religious worship.

(b) GROUP II

(1) Residences of eligible senior citizens provided that the senior citizen shall:

(i) Make application for such reduction to the Revenue Department within the first billing period for which reduction is sought; and

(ii) Submit satisfactory proof that the applicant is 65 years of age or older and that he or she makes payment directly to the City for water, sewer, and stormwater service to his or her residence which is located in the City of Philadelphia; and

(iii) Submit satisfactory proof to the Revenue Department that the applicant does not exceed the household income limitation of \$38,800 per year established by the Department. The above income limitation shall apply to those applying for this discount subsequent to June 30, 1982.

(iv) Effective with each subsequent general rate change in the water/sewer/stormwater charges, the Department shall adjust the Senior Citizen Income Limitation using the latest Consumer Price Index data available, as defined in the Philadelphia Code at Section 19-1901.

(c) GROUP III

(1) Universities and colleges, excluding service to any separate or adjoining facilities or structures not used exclusively for educational or instructional purposes.

(d) GROUP IV

(1) Public housing properties of the Philadelphia Housing Authority.

(e) GROUP V

(1) Group V Customers are Customers enrolled in the Income-Based Water Revenue Assistance Program (IWRAP) described in Section 19-1605 of the Philadelphia Code after the Water Revenue Bureau begins to issue IWRAP bills. Monthly bills for a Customer enrolled in IWRAP will be determined based on the Customer's family size and household income and will be charged in lieu of the service, usage and stormwater charges established in Sections 2.0 et seq., 3.0 et seq. and 4.0 et seq. for general Customers. Group V Customers will pay a percentage of his/her household income depending on where that Customer falls within the Federal Poverty Guidelines (FPL), subject to a minimum bill amount of \$12 per month.

(2) For determining the amount of service, usage and stormwater charges on monthly bills, Group V Customers will be defined according to three income tiers as follows:

(i) Group V-A. Group V Customers whose gross household income has been verified as being from 0% of FPL and up to and including 50% of FPL

(ii) Group V-B. Group V Customers whose gross household income has been verified as being greater than 50% of FPL and up to and including 100% of FPL.

(iii) Group V-C. Group V Customers whose gross household income has been verified as being greater than 100% of FPL and up to and including 150% of FPL.

(f) GROUP VI

(1) Customers with parcels eligible for a discount from the stormwater management service charge as a qualified Community Garden pursuant to Section 19-1603 of the Philadelphia Code and regulations promulgated by the Water Department under that Section.

(g) GROUP VII

(1) All unoccupied properties of the Philadelphia Land Bank.

(h) Charges for Special Customers

(1) As of September 1, 2021, the charges to Groups I, II, and III of special Customers listed above shall be seventy-five percent (75%) of the charges as established

in Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq., including both the water and sewer service and quantity charges, and the SWMS charges. The charges to Group IV Customers shall be ninety-five percent (95%) of the charges as established in Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq., including both the water and sewer service and quantity charges, and the SWMS charges.

(2) Group V Customers enrolled in IWRAP after the Water Revenue Bureau begins to issue IWRAP bills will be responsible for paying the following charges for service, usage and stormwater charges, or \$12 per month, whichever is greater:

- (i) Group V-A: 2.0% of household income.
- (ii) Group V-B: 2.5% of household income.
- (iii) Group V-C: 3% of household income.

(3) Group VI: Effective with bills issued on or after January 1, 2017, Group VI special Customers will receive a 100% discount on the stormwater management service charges for parcels classified by the Department as Community Gardens upon approval of an application for a discount consistent with Section 19-1603 of the Philadelphia Code and regulations promulgated by the Department under that Section.

(4) Group VII: Effective with bills issued on or after September 1, 2018, Group VII special Customers are fully exempt from all water, sewer and stormwater management rates and charges.

(i) All of these special Customers shall meter all water connections and they shall be subject to all provisions herein not inconsistent with Sections 2.0 et seq., 3.0 et seq., and 4.0 et seq.

(j) All special Customers are subject at any time to review as to their special charges by the Department or the Water Revenue Bureau and may be required to furnish adequate evidence supporting the continuance of such charges to the Department or the Water Revenue Bureau upon written notice to do so. Failure to furnish such evidence shall be sufficient ground for denial or termination of such special charges.

(k) Special charges may be granted subject to the Department's review and approval of the size of the meter installed.

(l) When the special use for which the special charge is granted ceases, the special charge ceases and the charges for general Customers shall apply thereafter.

(m) When any vacant or unoccupied premises are acquired by the City, charges for water and sewer, including charges relating to storm water management and disposal, shall terminate on the date that such premises are acquired.

(n) When any property is acquired or held by the Philadelphia Housing Development Corporation or acquired or held by the City or the Redevelopment Authority pursuant to Chapters 16-400 or 16-500 of the Philadelphia Code, charges for water and sewer, including charges relating to storm water management and disposal, shall be abated.

5.3 Eligibility for Charity Rates and Charges.

(a) Organizations seeking the Charity Rates and Charges must submit an application to the Department. Applicants must use forms provided by the Department, and submitted applications must be completed to the satisfaction of the Department.

(b) Applications must be made in the name of the organization seeking the Charity Rates and Charges. All accounts for which an organization is requesting the Charity Rates and Charges must be in the identical name as that on the application.

(c) Any account for a Property for which the Charity Rates and Charges are sought must be current and remain in good standing with no service violations or violations of the requirements of § 17-107(12) (“Recipients of Financial Assistance”) applicable to properties that benefit from financial assistance in connection with the receipt of charity rates and charges to maintain eligibility for any discounts issued herein. Any breach of this condition shall result in the loss of eligibility for the discount.

(d) To be eligible for water and sewer Charity Rates and Charges, the Property must not have any outstanding Department or Plumbing Code violations; the Property must have an operating water meter that is in compliance with current Department specifications, and the property must have a current water meter reading. If the property is receiving stormwater service only, the above provision regarding metering shall not apply. To be eligible for SWMS Charity Rates and Charges, the Property must not have any outstanding Department violations. Applicant must be either an owner of the Property or a Tenant of the property for which the SWMS charge is assessed.

(e) Charity Rates and Charges shall be charged to the eligible organization from the application date of an approved application. No retroactive reductions from the General Customer rates and charges will be permitted.

5.4 Account Review.

The Department, from time to time, may review the status of organizations receiving Charity Rates and Charges.

During this review, eligible organizations may be required to submit new applications.

5.5 Suspension of Charity Rates and Charges (Groups I and III)

(a) Organizations that have been approved for Charity Rates and Charges must make timely payments on accounts in order to remain eligible for these discounted rates and charges.

(b) An organization that fails to make on-time payments for two (2) consecutive billing cycles shall be suspended from the Charity Rates and Charges, and shall be required to pay the same rate(s) as the General Customer rates and charges for all services. The suspension period shall remain in effect for a minimum of one (1) year.

(c) Reinstatement of the Charity Rates and Charges will not occur until a full year of on-time payments has been made. Suspended organizations must then submit an application as described in Section 5.3. Charity Rates and Charges will not be retroactive for the period of suspension.

(d) Customers shall be informed by first class mail of the suspension of the Charity Rates and Charges.

5.6 Hearing.

Organizations that have been denied eligibility or have been suspended from the Charity Rates and Charges may request an informal hearing.

5.7 No Waiver.

Nothing herein shall limit the Department on its own findings or at the request of another City agency from suspending Charity Rates and Charges from organizations which have violated City law or regulations and thereby under such City law or regulations have forfeited such privileges as the Charity Rates and Charges.

6.0 MISCELLANEOUS WATER CHARGES

Charges for miscellaneous water services supplied by the City of Philadelphia shall become effective September 1, 2024 as follows:

6.1 Meter Test Charges.

(a) A Customer may apply to the Department for a test of the accuracy of the registration of a water meter (Meter Test). At the Customer's request, the Department shall notify the Customer of the time and place of the test so that the Customer may be present.

(b) In testing, meters may be removed from the line and replaced by a tested meter. If removed, the meter shall be tested at the Department's Meter Shop. Meters may also be tested and recalibrated in place without removal and replacement.

(c) All meters shall be removed, replaced, tested or calibrated during the Department's regular business hours (9:00 a.m. to 4:45 p.m.).

(d) A Customer may request a Meter Test to be performed outside the regular business hours of the Department under the following conditions:

(1) the Department has staff available and agrees to a time outside the regular business hours of the Department; and,

(2) the Customer agrees to pay the overtime and added expenses, whether the meter passes or fails the test.

(e) If the register on the meter is found upon testing to be registering within two percent (2%) of the actual volume of water passing through the meter, or registering in favor of the Customer, the Customer will be assessed a Meter Test Charge as follows:

<u>Meter Size</u>	<u>Charge</u>
5/8"	\$140
1", 1-1/2", 2"	\$190
3", 4", 6", 8", 10", 12"	\$400

Field Tests, 3" and above	\$400

(plus any charges and/or expenses incurred for work performed outside the regular hours of business, if requested by the Customer).

(f) If the meter is found upon testing to be registering in excess of 102% of the actual volume of water passing through the meter, the Customer shall not be assessed a Meter Test charge as provided for in subsection (e); and, WRB shall review the billing history of the tested meter for a period not to exceed three years on the basis of the corrected registration and revise it as necessary.

(g) The Department will, at the request of a Customer, test his or her meter at no charge once every twenty years. Additional tests are subject to the charges listed in Section 6.1(e).

6.2 Charges for Furnishing and Installation of Water Meters.

The charges for furnishing and installing water meters are as follows.

(a) For work which involves the furnishing and setting of a water meter and meter interface unit (MIU), the following charges are hereby established:

<u>Meter Size</u>	<u>Charge</u>
5/8"	\$230
3/4 RFSS	435
1"	395
1" RFSS	490
1 1/2"	875
1 1/2" RFSS	825
2"	1,055
2" RFSS	1,070
3" Compound	3,485
3" Turbine	1,910
3" Fire Series	3,820
4" Compound	4,830
4" Turbine	2,760
4" Fire Series	4,725
4" Fire Assembly	6,385
6" Compound	6,760
6" Turbine	5,200
6" Fire Series	6,255
6" Fire Assembly	9,120
8" Turbine	6,175
8" Fire Series	7,925
8" Fire Assembly	12,890
10" Turbine	8,960
10" Fire Series	9,760
10" Fire Assembly	18,630
12" Turbine	9,490
12" Fire Series	10,975
12" Fire Assembly	19,845

(b) For work which involves only the furnishing and setting of an MIU, the following charges are hereby established:

<u>Meter Size</u>	<u>Charge</u>
5/8"	\$ 75
3/4" RFSS	75
1"	125
1 " RFSS	125
1 1/2"	125
1 1/2" RFSS	125
2"	125
2" RFSS	125
3" Compound	320
3" Turbine	320
4" Compound	320
4" Turbine	320
6" Compound	320
6" Turbine	320
8"	320
10"	320

(c) If extraordinary work is required in connection with the installation of a water meter or the replacement of a damaged meter, additional charges shall be computed using actual salaries and materials expended, plus applicable overhead costs.

(d) The Property Owner shall be responsible for safeguarding the meter and seals and shall pay for necessary repairs and replacements due to his/her failure to provide adequate protection to the meter and seals from theft, vandalism, freezing, tampering or other damage. The Property Owner shall also be responsible for the repair and maintenance of the plumbing accessory to the meter, such as inoperable valves, weakened service pipes and fittings, etc. and shall provide and pay for such plumbing, repair and maintenance as City metering needs may require.

6.3 Tampering of Meter.

(a) In the event that an investigation indicates that tampering of a meter has occurred, the following charges to the Customer shall be assessed:

<u>Meter Size</u>	<u>Charge</u>
5/8" or 3/4"	\$ 90
1", 1 1/2", 2"	140
3" and larger	350

6.4 Shut-Off and Restoration of Water Service.

(a) If the Department is required to visit a Property to shut off service for non-payment; and, payment is tendered at the time of the shut-off, a charge of seventy-five dollars (\$75) will be assessed, with the exception stated in Section 6.4(e).

(b) A seventy-five dollar (\$75) charge will be assessed if shut-off of the water service is required as a result of non-compliance with a Notice of Defect and/or metering non-compliance.

(c) After termination of water service for non-payment or violation of service requirements, restoration of water service will not be made until the following charges have been paid in full or payment arrangements satisfactory to the Revenue Department have been made.

(1) Where the only work required is operating the service valve:

(i) service lines 2” and smaller\$75
with the exception stated in Section 6.4(e)

(ii) service lines larger than 2”\$370

(2) Where the curb stop is obstructed, the access box missing or otherwise requires excavation\$725

(3) Where the curb stop is inoperable and a new curb stop must be installed \$765

(4) Where the curb stop is obstructed, the access box missing, or otherwise requires excavation, and replacement of footway paving is required\$735

(5) Where the curb stop is inoperable and a new curb box must be installed and replacement of footway paving is required\$775

(6) Where excavation and shut-off of the ferrule at the water main is required \$1,505

(d) If the Department is required to remove concrete footway paving in order to perform the shut-off and/or restoration, the footway will be replaced by the Department and the preceding charges applied unless proof has been provided to the Department that some other qualified person will replace the paving.

(e) A charge of \$12 will be assessed if a Customer is enrolled in IWRAP and the Department is required to visit the Property to:

(1) shut off service for non-payment; and, payment is tendered at the time of the shut-off; or

(2) restore water service after termination of water service for non-payment or violation of service requirements.

6.5 Pumping of Properties.

The following charges shall apply for the pumping of water from properties when the condition requiring such service is not caused by the Department.

(a) Occupied Properties

(1) Pumping of water from occupied Properties may be done at the Property Owner's request and expense.

(2) Pumping of other Properties due to the failure of a Property Owner's piping may be performed by the Department and be charged to the Property Owner of the Property at which the failure occurred.

(3) Charges for pumping shall be calculated at actual salaries and materials expended, plus applicable overhead costs.

(b) Unoccupied Properties

The Department may, at its sole and exclusive discretion, pump water from unoccupied properties if it is determined that a serious condition exists. The charges for pumping shall be as specified in Section 6.5(a).

6.6 Charges for Water Main Shutdown.

(a) The Department of Licenses and Inspections shall issue permits for the temporary shutdown of a water main to allow a registered plumber to make immediate repairs to a broken water service and to avoid the necessity of opening the street.

(b) Permits shall be issued after:

(1) Certification by the Department that the shutdown will not seriously inconvenience other Customers; and

(2) The applicant has paid a three hundred and sixty dollar (\$360) service charge.

(c) In an emergency or when responsibility for a leak is in doubt, the Department may make the shutdown before the permit is obtained. If the Department determines that the leak was not the Department's responsibility, the owner shall obtain a permit and pay the above stated service charge and any other costs incurred by the Department in conducting the emergency shut down.

6.7 Water Connection Charges.

(a) Permits. Permits for connections to the City's water supply system shall be issued by the Water Permit section of the Department of Licenses and Inspections.

(b) Ferrule Connections.

(1) Connections between 3/4 inch and two inches (2") in diameter shall be made by a ferrule installed by the Department. The owner, at his own expense, shall excavate for the connection, install all piping and appurtenances after the ferrule and fill the excavation. The owner thereafter shall be responsible for maintaining this piping and appurtenance.

(2) The charges for such ferrule connections, with the exception stated in Section 6.7(b)(3), shall be as follows:

<u>Size</u>	<u>Charge</u>
3/4"	\$190
1"	220
1 1/2"	265
2"	335

(3) The charges for such ferrule connections, when the work performed at the Customer's request is not during the Department's regular business hours (9:00 a.m. to 4:45 p.m.), shall be as follows:

<u>Size</u>	<u>Charge</u>
3/4"	\$215
1"	245
1 1/2"	290
2"	360

20"	23,970
24"	26,430
30"	39,465
36"	46,870

SLEEVE 6" & 8"

MAIN

16"	\$21,895
20"	23,660
24"	26,430
30"	41,595
36"	51,775

SLEEVE 10" & 12"

MAIN

16"	\$21,970
20"	24,045
24"	26,430
30"	42,275
36"	54,680

(3) The charges for such connections, when the work performed at the Customer's request is not during the Department's regular business hours (9:00 a.m. to 4:45 p.m.), or the work performed is in an area designated by the Streets Department as a special work zone, shall be as follows:

SLEEVE 3" & 4"

MAIN

16"	\$24,230
20"	26,535
24"	28,995
30"	42,030
36"	49,440

SLEEVE 6" & 8"

MAIN

16"	\$24,460
20"	26,230
24"	28,995
30"	44,160
36"	54,345

SLEEVE 10" & 12"

MAIN

16"	\$24,540
20"	26,615
24"	28,995
30"	44,845
36"	57,245

(4) Where a connection is made to a water main 48" or larger in diameter, the charge will be that for a connection to a 36" main, stated above in Sections 6.7(d)(2) or (3), plus an additional charge representing the difference between the current cost of a 36" sleeve and the cost of the larger sleeve. The additional charge shall be paid before any permit can be issued as prescribed below in Section 6.11.

(e) Should police assistance for traffic control be required for a ferrule or valve connection, the Customer shall pay the required fee to the Police Department.

6.8 Discontinuance of Water.

Except as otherwise provided, no Customer shall be relieved of the obligation to pay water and sewer charges unless a permit for the discontinuance of water and sewer has been obtained from the Department of Licenses and Inspections pursuant to the provisions of Philadelphia Code section 19-1601. When a permit is granted to discontinue water and sewer service, charges shall terminate on the date of removal of the meter by the Department. The charge for a permit for discontinuance of water is one hundred dollars (\$100), regardless of service size. A validly issued permit to discontinue water and sewer does not terminate the obligation to pay for stormwater management services.

6.9 Hydrant Permits.

(a) A permit shall be obtained from the Water Permit section of the Department of Licenses and Inspections before a hydrant can be used. The permit shall contain the terms

and conditions that are required of the Customer in order for the Customer to use the hydrant.

(b) The costs for obtaining a permit shall be as follows.

(1) One Week Permit for use of standard pressure hydrant.....\$ 1,690

(2) Six Month Permit for use of standard pressure hydrant.....\$ 8,815

6.10 Flow Tests.

When a Customer requests the Department to conduct a flow test on a fire hydrant to determine the volume and residual pressure available on a domestic or fire connection, or at a specific location, the charge shall be five hundred and eighty-five dollars (\$585) for each flow test.

6.11 Water Service Line Investigations and/or Inspections

When a Customer or a duly authorized representative of a Customer requests the Department to conduct an investigation to locate and/or to inspect the water service line at a specific location, the charge shall be one hundred and forty dollars (\$140) for each investigation or inspection. The charge shall be assessed regardless of the result of the investigation or inspection.

6.12 Payment.

All billings for the above services are due and payable when rendered, unless stated otherwise herein, and are subject to such penalties for late payment as is prescribed by current ordinance or as may be amended. Payments for permits shall be made in full prior to any permit being issued.

7.0 MISCELLANEOUS SEWER CHARGES

Charges for miscellaneous sewer services supplied by the City of Philadelphia shall be effective September 1, 2024, as follows.

7.1 Sewer Charges for Groundwater.

(a) Sewer charges for groundwater discharged to the City's sewer system shall be as follows:

(1) Effective September 1, 2024 and thereafter, the rate shall be \$14.81 per 1,000 cubic feet.

(b) To determine the quantity of such discharged groundwater, the Customer shall install a meter or measuring device satisfactory to the Department. If, in the opinion of the Department, it is not feasible to install a meter or measuring device, the Department may designate some other method of measuring or estimating the quantity of discharged groundwater.

7.2 Charges for Wastewater Service.

(a) The charge for sanitary type wastewater delivered to any of the City's Water Pollution Control Plants shall be as follows.

(1) Effective September 1, 2024 and thereafter, the rate shall be \$65.88 per 1,000 gallons.

(b) Where accurate quantities of wastewater delivered cannot be determined, such quantities shall be estimated for billing purposes by such fair and reasonable methods as shall be approved by the Water Commissioner.

(c) The locations, times, delivery procedures and exact nature of the pollution characteristics of the delivered wastewater shall be determined by the Department.

(d) From time to time, Customers shall be required to file with the Department a questionnaire establishing or revising information on the quantity and quality of wastewater delivered and other pertinent data deemed necessary by the Department. Failure to furnish such information shall be sufficient grounds for denial or termination of delivery privileges.

(e) Measurements, tests and analyses of the characteristics of delivered wastewater shall be determined in accordance with the latest edition of *Standard Methods for the Examination of Water and Wastewater*, published jointly by the American Public Health Association, the American Water Works Association (AWWA) and the Water Environment Federation (WEF).

(f) If any bill for the above services shall remain unpaid for more than sixty (60) days from date rendered, the Department may refuse acceptance of additional wastewater until all unpaid balances, with late charges, are paid in full.

7.3 Wastewater Discharge Permit.

All Industrial Users contributing wastewater to the City's sewer system must obtain a permit from the Department pursuant to the Wastewater Control Regulations in Chapter 5 of the Department's regulations. The fee for each new or renewal permit is three thousand eight hundred and forty-five dollars (\$3,845).

7.4 Groundwater Discharge Permit.

All Industrial Users contributing groundwater to the City's sewer system must obtain a permit from the Department pursuant to the Wastewater Control Regulations contained in Chapter 5 of the Department's regulations. The fee for each new or renewal permit is two thousand eight hundred and sixty dollars (\$2,860).

7.5 Manhole Pump-out Permit

(a) Any non-domestic User discharging wastewater from underground structures to the City's sewer system must obtain a manhole pump-out permit from the Department pursuant to the Wastewater Control Regulations in Chapter 5 of the Department's regulations. The fee for each new or renewal permit is two thousand nine hundred and fifty dollars (\$2,950).

(b) In the event a User requests discharge locations in the City's separate sewer areas under this permit, the City may assess additional fees for any work associated with the review of this request and the identification of the discharge locations.

7.6 Trucked or Hauled Wastewater Permit

Any person trucking or hauling wastewater to the POTW must first obtain a septage discharge permit from the Department pursuant to the Wastewater Control Regulations in Chapter 5 of the Department's regulations. The fee for each new or renewal permit shall be one thousand six hundred and ten dollars (\$1,610).

7.7 PHOTOGRAPHIC & VIDEO INSPECTION

When a Customer or a duly authorized representative of a Customer requests the Department to conduct a photographic or video inspection of a private sewer line at a specific location, the charge shall be two hundred and seventy five dollars (\$275) for each photographic or video inspection. The charge shall be assessed regardless of the result of the photographic or video inspection.

7.8 Payment.

All billings for the above services are due and payable when rendered, unless stated otherwise herein, and are subject to such penalties for late payment as is prescribed by

current ordinance or as may be amended. Payments for permits shall be made in full prior to any permit being issued.

8.0 MISCELLANEOUS PLAN REVIEW AND INSPECTION CHARGES

8.1 Stormwater Plan Review and Inspection Fees.

All Development plans submitted to the Department under Chapter 6 of the Department's regulations for stormwater management approvals shall be subject to a plan review fee.

(a) Fees.

(1) A fee of one thousand five hundred and fifteen dollars (\$1,515) shall be due upon submission of the Conceptual Stormwater Management Plan for review.

(2) A fee of two hundred and twenty-five dollars (\$225) per hour of review time shall be due prior to issuance of the Post-Construction Stormwater Management Plan approval.

(i) Review time shall be based on the City's tabulation of actual hours expended by Department employees or consultants reviewing the plans associated with a particular development project for compliance with Chapter 6 of the Department's regulations.

(3) A fee of three hundred and eighty-five dollars (\$385) for the final inspection of a development project to confirm compliance with Chapter 6 of the Department's regulations shall be due prior to issuance of the Post-Construction Stormwater Management Plan approval.

(b) Refund of fees. The Department shall refund any fees specified above if a plan submittal is not approved or denied within 21 days for conceptual site plans and within 45 days for technical site plans.

8.2 Stormwater Management Fee in Lieu.

The fee in lieu shall be calculated as follows:

(a) For an exemption to only the Water Quality Requirement of Chapter 6 of the Department's regulations the fee in lieu shall be thirty-six dollars (\$36.00) per square foot based on the total Directly Connected Impervious Area within the limit of Earth Disturbance.

8.3 Utility Plan Review Fees.

All Utility Plans submitted to the Department to receive building permit approval in accordance with Administrative Code Section A-305.2.1.6 shall be subject to a plan review fee.

(a) A fee of three hundred and twenty dollars (\$320) shall be due upon submission of the Utility Plan for review.

9.0 FIRE SERVICE CONNECTIONS

Fire service connection charges shall consist of a monthly service charge and a quantity charge and shall be effective September 1, 2024, as follows.

9.1 Charges.

(a) Monthly Service Charges.

(1) The monthly service charges for the furnishing of water for the purpose of fire protection effective September 1, 2024 and thereafter, shall be as follows:

<u>Connection Size</u>	<u>Service Charge</u>
Up through 4-inch	\$ 28.06
6-inch	52.02
8-inch	78.31
10-inch	115.13
12-inch	182.34

(b) The City may permit fire service connections to its water system outside the City of Philadelphia only in properties contiguous to the City where in the opinion of the Water Commissioner water service for fire protection may be furnished without interference with water service to properties within the City.

(c) Pipe connections to the Philadelphia water system, meters and other service requirements shall be in accordance with the standard fire service requirements of the Department.

(d) Quantity Charges.

(1) In addition to the service charge, the quantity charge portion of each bill is determined by applying the quantity charge rate shown below to all water use. In

addition, the quantity charge will also include a TAP Rate Rider Surcharge, as set forth in Section 10.

Effective September 1, 2024 and thereafter, the quantity charge shall be as follows:

1 Mcf = 1,000 cubic feet = 7,480 gallons

<u>Monthly Water Usage</u>	<u>Base Charge Per Mcf</u>	<u>TAP-R Per Mcf</u>	<u>Total Charge Per Mcf</u>
First 2 Mcf (0 to 2 Mcf)	\$64.32	\$0.15	\$64.47
Next 98 Mcf (2.1 to 100 Mcf)	57.88	0.15	58.03
Next 1,900 Mcf (100.1 to 2,000 Mcf)	44.84	0.15	44.99
Over 2,000 Mcf	43.62	0.15	43.77

Note: Actual TAP-R rates are subject to Annual Reconciliation and the determination of the Rate Board.

(e) The provisions in this Section apply to all fire service connections.

9.2 Payment.

All billings for the above services are due and payable when rendered, unless stated otherwise herein, and are subject to such penalties for late payment as is prescribed by current ordinance or as may be amended. Payments for permits shall be made in full prior to any permit being issued.

10.0 PROVISIONS FOR RECOVERY OF THE TIERED ASSISTANCE PROGRAM (TAP) COSTS

The lost revenue related to TAP (the “TAP Costs”) will be recovered via a separate TAP Rate Rider Surcharge Rate (TAP-R), which would be added to the water, fire service and sewer quantity charge rate schedules. This TAP-R shall be increased or decreased for the next rate period to reflect changes in TAP costs, and will be calculated and reconciled on an annual basis in the manner set forth below.

10.1 Computation of the TAP-R

(a) The TAP-R Equation

The TAP-R shall be computed to the nearest one-hundredth of a dollar per MCF (\$0.01/MCF) in accordance with the formula set forth below:

$$\text{TAP-R} = \frac{(C) - (E + I)}{S}$$

The TAP-R so computed, shall be applied as an adder to the water, fire service connection and sewer quantity charge base rate schedules set forth for water in Section 2.1 (c); sewer in Section 3.3 (b); and fire service in Section 9.1 (d), of these Rates and Charges. As a result, the TAP-R shall consist of two sub-components:

- (1) A “Water TAP-R” added to the water and fire service quantity “base rate” (\$/MCF); and
- (2) A “Sewer TAP-R” added to the sewer quantity “base rate” (\$/MCF).

During the rate periods that TAP-R is effective, to recover the TAP Costs through Water TAP-R and the Sewer TAP-R respectively, the total TAP Costs determined for a given rate period will be apportioned between water and wastewater utilities based on the proportion of water and wastewater net revenue requirement respectively to total net revenue requirement. The percent allocation of TAP Costs between water and wastewater utilities will be as follows:

- (i) Water TAP Cost Allocation: 42%
- (ii) Sewer TAP Cost Allocation: 58%

(b) Definitions

In computing the TAP-R pursuant to the formula above, the following definitions shall apply:

- (1) **TAP-R** - TAP Rate Rider Surcharge Rate (\$/MCF).

- (2) **C** – Cost in dollars of the estimated TAP Billing Loss for the projected period.
- (3) **E** - The net over or under collection of the TAP-R surcharge amount for the Most Recent Period. The net over or under collection will be calculated by comparing the actual TAP Revenue Loss (resulting from discounts provided to TAP Customers) with the actual TAP-R surcharge amounts billed to Non-TAP Customers. Both the TAP Revenue Loss and the TAP-R billings, that are determined for the rate periods, will be adjusted for collections by applying the Department’s system-wide collection factor of 96.99%.
- (4) **I** - Interest on any over or under recovery of the TAP-R for the Most Recent Period. Interest will be computed on a monthly basis using a simple annual interest rate. The interest rate will be based upon the yield to maturity of a particular date of United States Treasury securities with a constant maturity for a 1-year Treasury as compiled and published in the Federal Reserve Statistical Release H.15 (519) for the United States Treasury¹, as it exists each year as of the first day of the month, preceding the month of the annual reconciliation submission to the Rate Board.
- (5) **S** - Projected sales in MCF for Non-TAP customers.
- (6) **Most Recent Period** – The Current Fiscal Year and/or the period for which TAP-R reconciliation is performed.
- (7) **Next Rate Period** – The fiscal year and/or the period that immediately follows the Most Recent Period, and in which the TAP-R is effective.

10.2 Filing with the Philadelphia Water, Sewer and Storm Water Rate Board

¹ Currently available at <https://www.federalreserve.gov/releases/h15/>.

The Water Department shall initiate the annual TAP Rate Rider Reconciliation by filing an advance notice with the Philadelphia Water, Sewer and Storm Water Rate Board (the “Rate Board”) and City Council in accordance with the procedures and standards established by the Rate Board through its regulations.

10.3 TAP-R Surcharge Rates

(a) Water TAP-R

The Water TAP-R portion of each water bill is determined by applying the Water TAP-R surcharge rate shown below to all water use.

1 Mcf = 1,000 Cubic Feet = 7,480 gallons
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- (1) Effective September 1, 2023 and thereafter, the Water TAP-R surcharge shall be \$0.15 per Mcf as determined by the annual reconciliation filing.

(b) Sewer TAP-R

The Sewer TAP-R portion of each sewer bill is determined by applying the Sewer TAP-R surcharge rate shown below to all water use.

1 Mcf = 1,000 Cubic Feet = 7,480 gallons
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- (1) Effective September 1, 2023 and thereafter, the Sewer TAP-R surcharge shall be \$0.24 per Mcf as determined by the annual reconciliation filing.