

PHILADELPHIA WATER DEPARTMENT
TAP REBUTTAL STATEMENT NO. 1

BEFORE THE
PHILADELPHIA WATER, SEWER AND STORM WATER RATE BOARD

Re: Philadelphia Water Department Proposed Changes in Rates and Charges	2025 TAP-R Adjustment Proceeding
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Rebuttal Testimony

of

Raftelis Financial Consultants

on behalf of

the Philadelphia Water Department

Topics Addressed:

Average Monthly Number of TAP Participants
Average TAP Discount Per Participant
Monthly Consumption Per TAP Participant

Dated: May 2, 2025

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I. INTRODUCTION AND PURPOSE OF TESTIMONY

1. PLEASE STATE YOUR NAMES AND POSITIONS.

1. Our names are Jon Davis, Henrietta Locklear, and Jennifer Tavantzis. We are employed by Raftelis Financial Consultants (“Raftelis” or “RFC”) and provide client-specific advisory services for utilities, such as the Philadelphia Water Department, also referred to in this rebuttal testimony as “PWD” or the “Department.” Together, we constitute the Raftelis panel testifying on behalf of the Department.¹

2. HAVE ANY OTHER MEMBERS OF THE WATER DEPARTMENT’S CONSULTING TEAM ASSISTED IN THE PREPARATION OF THIS REBUTTAL TESTIMONY?

2. Yes. David Jagt and Brian Merritt of Black & Veatch Management Consulting, LLC (Black & Veatch) also supported the preparation of this rebuttal testimony on behalf of the Department.²

3. WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?

3. In this rebuttal testimony, we provide the Department’s response to the adjustments, recommendations, and criticisms expressed by Mr. Lafayette Morgan in his direct testimony (PA Statement 1, Schedules LKM-TAP-1 through LKM-TAP-6, and Appendices A and B) submitted on behalf of the Public Advocate. This testimony refers to Mr. Morgan and the Public Advocate (or Advocate) interchangeably. Raftelis specifically addresses the following areas of Mr. Morgan’s testimony:

¹ Resumes for panelists from Raftelis Financial Consultants are provided in the 2025 TAP-R rate filing as Schedule RFC-2.

² Resumes for participants from Black & Veatch Management Consulting are provided in the 2025 TAP-R rate filing as Schedule BV-5.

- Projected number of TAP participants for the Next Rate Period
- Average TAP discount per participant for the Next Rate Period

In addition, Black & Veatch prepared updated TAP-R reconciliation calculations based upon the most currently available data sets (Schedule RFC-4) and provided feedback on Mr. Morgan's recommendations with respect to the use of proposed water/wastewater allocations and the collection factors, in context of the TAP-R calculations, as included in the general rate proceeding.

4. PLEASE IDENTIFY THE SCHEDULES THAT ACCOMPANY THIS REBUTTAL TESTIMONY.

4. Schedule RFC-4, an updated version of the Rate Rider Reporting model, accompanies this testimony. Schedule BV-6, an updated version of the TAP-R reconciliation calculations based upon RFC-4, is also included with this testimony.

II. REBUTTAL TESTIMONY

5. PLEASE SUMMARIZE THE DEPARTMENT'S PROJECTION OF THE NUMBER OF TAP PARTICIPANTS IN THE NEXT RATE PERIOD.

5. RFC prepared the projections used in the 2025 TAP-R rate filing that show a very slightly increasing growth trend in TAP participation over the Most Recent Rate Period, resulting in projected average monthly TAP participation of 60,827 at the beginning of the Next Rate Period. Refer to Schedule RFC-3 (the initial Rate Rider Reporting Model in the TAP-R filing) for more details.

1 Actual data for December 2024 through March 2025 show that TAP participation has not
2 only increased, but has done so at a rate higher than anticipated. This observed growth
3 contradicts the Public Advocate's ("PA" or "Advocate") assumption of a decline in
4 participation. This growth is demonstrated in the updated version of the Rate Rider
5 Reporting Model (Schedule RFC-4).

6
7 **6. HAVE YOU EXAMINED THE DIRECT TESTIMONY AND SCHEDULES FILED**
8 **BY THE PUBLIC ADVOCATE?**

9 6. Yes.

10
11 **7. PLEASE SUMMARIZE THE PUBLIC ADVOCATE'S RECOMMENDATIONS.**

12 7. The Public Advocate disagrees with the Department's projection of TAP participation for
13 the Next Rate Period and the calculation of the average discount provided to TAP
14 participants. In his direct testimony, PA witness Lafayette Morgan projects negative
15 growth in TAP participation and calculates a lower average discount provided to TAP
16 participants using twelve months of actual data.

17
18 As explained below, changes to the number of TAP participants as well as changes to the
19 average TAP discount per participant impact the formula used to calculate the TAP rate
20 rider for the Next Rate Period.

A. AVERAGE MONTHLY NUMBER OF TAP PARTICIPANTS

8. PLEASE DESCRIBE THE LEVEL OF TAP PARTICIPATION BASED ON THE TAP-R FILING ASSUMPTIONS AND COMPARE WITH ACTUAL DATA THROUGH MARCH 31, 2025.

8. In the proposed TAP-R filing (submitted in February 18, 2025), the Department projected that 59,730 customers would be participating in TAP as of March 31, 2025. Actual TAP participation as of that date was 64,283. TAP participants are defined as customers who receive a TAP bill in a given month.

In the aforesaid TAP-R filing, the Department also expected TAP participation to average 60,827 participants per month in the Next Rate Period, as noted in Schedule RFC-3. However, actual data from the first four months of the projection period reflect growth in TAP participation, resulting in a revised projected average monthly TAP participation of 64,283 for the Next Rate Period (see Schedule RFC-4).

9. IS THERE POTENTIAL FOR ADDITIONAL TAP PARTICIPANTS?

9. Yes. There is potential for the TAP program to enroll additional customers. Customers continue to be enrolled monthly, based on approval of a submitted application.

Additionally, the Department continues to receive regular updates from the City's Office of Integrated Data for Evidence and Action (IDEA), which supports the identification of eligible customers through participation in other means-tested assistance programs. This relationship is ongoing and remains an important contributor to steady increases in enrollment.

1 With that said, the Department does not anticipate any additional programmatic changes
2 or external factors that would significantly decrease TAP participation during the Next
3 Rate Period.

4
5 **10. FOR CLARITY, PLEASE CONFIRM WHERE THE UPDATED DATA**
6 **REGARDING TAP PARTICIPATION AND RELATED INFORMATION CAN BE**
7 **FOUND?**

8 10. As alluded to above, PWD has provided an updated Rate Rider Reporting Model
9 (updating Schedule RFC-3 filed with the proposed TAP-R filing) utilizing information
10 from a static copy of the basis2 database from March 31, 2025. The updated model is
11 marked as Schedule RFC-4. It contains actual TAP participation, consumption, and
12 discount figures through March 2025.³

13
14 Because observed TAP participation exceeded the Department's projected TAP
15 participation by nearly 8% in March 2025, the Department updated its projections to
16 incorporate new, known values for actual TAP participation. Additionally, to improve
17 clarity and focus on underlying trends, the Department elected to present a flat projection
18 of TAP participation over the Most Recent Rate Period, rather than incorporating month-
19 to-month variability as reflected in Schedule RFC-3. While TAP enrollment may
20 fluctuate modestly from month to month due to administrative and calendar-driven
21 factors, these variations do not meaningfully alter the cost trajectory of the program in the
22 Next Rate Period.

23
24 Please note that the above approach reflects the most recent data available and

25 ³ The updated Rate Rider Reporting model (Schedule RFC-4) was provided pursuant to an information request of
the Public Advocate (PA TAP-I-2).

acknowledges that, while modest growth in participation will likely occur, there are no known drivers that suggest a significant decrease in TAP participation during the Next Rate Period.

11. FOR THE NEXT RATE PERIOD, HOW DO THE PROJECTED MONTHLY TAP PARTICIPANTS PROFFERED BY THE DEPARTMENT AND THE PUBLIC ADVOCATE COMPARE?

11. In the proposed TAP-R filing (submitted in February 2025), the Department projected an average monthly growth in TAP participation of 1% throughout the remainder of the Most Recent Period, December 2024 through August 2025 (based on Schedule RFC-3). In response, Mr. Morgan suggested in his testimony submitted on April 21, 2025 (based on his analysis of data available at that time) that an average monthly growth rate of -0.08% was anticipated.⁴ Please note that the Advocate's testimony predates RFC Schedule RFC-4.

Examination of the most recently available TAP participation data (Schedule RFC-4) shows that TAP participation increased by 14% during the period November 2024 through March 2025. Based on the foregoing, an increase in TAP participation is supported in the record.

As noted previously, the Department has elected to update its TAP projections for the Next Rate Period to reflect the most recently available information.⁵ The table below

⁴ Please note that, as a part of its discovery, the Public Advocate requested updated data concerning TAP participation and usage (through March 31, 2025). This data became available in late April (after Mr. Morgan's testimony was submitted) and was filed of record on April 29, 2025. Mr. Morgan also reserved the right to revise his testimony based on the updated data the Advocate requested during discovery.

⁵ See response to Question 10.

shows the projected number of TAP participants under the proposals presented by the Department and the Public Advocate.

Projected Number of TAP Participants			
Month Year	Department Projections Schedule RFC-3 (Dated February 2025)	Department Projections Schedule RFC-4 (Updated April 29, 2025)	Public Advocate Projections* LKM-TAP-1 (Testimony Filed April 21, 2025)
December 2024	59,287	60,300**	56,422
January 2025	59,880	60,481**	56,379
February 2025	56,886	59,037**	56,337
March 2025	59,730	64,283**	56,294
April 2025	60,328	64,283	56,252
May 2025	60,931	64,283	56,210
June 2025	58,494	64,283	56,167
July 2025	60,833	64,283	56,125
August 2025	61,442	64,283	56,083

Average monthly number of TAP participants (for Sep. 2025 through Aug. 2026)	60,827	64,283	56,041
<p>*PA projections are based on workpapers provided to support Mr. Morgan’s testimony and schedules as requested in PWD discovery requests (PWD-TAP-3) directed to the Advocate.</p> <p>**Data for December 2024 through March 2025 in Schedule RFC-4 are from an updated static copy of the basis2 database and reflects the actual numbers of TAP participants for each month.</p>			

12. IN LIGHT OF THE UPDATED DATA, DO YOU AGREE WITH THE ADVOCATE’S PROJECTED AVERAGE MONTHLY NUMBER OF TAP PARTICIPANTS FOR THE NEXT RATE PERIOD?

12. No. However, as noted above, Mr. Morgan did not have the benefit of updated data in conducting his analysis for the Advocate.

13. PLEASE STATE THE BASIS FOR YOUR DISAGREEMENT WITH THE ADVOCATE’S PROJECTED AVERAGE MONTHLY NUMBER OF TAP PARTICIPANTS FOR THE NEXT RATE PERIOD.

13. As can be seen in the table above, actual TAP figures for December 2024 through March 2025 reflect increasing TAP participation, counter to Mr. Morgan’s assumption of decreasing program participation during the projection period. In fact, actual TAP participation increased roughly 14% from November 2024 through March 2025. Moreover, since there are no known drivers to suggest additional significant changes to

1 enrollment in the Next Rate Period, the Department's position remains that TAP
2 participation will, at minimum, maintain its current level of participation through the
3 Next Rate Period.

4
5 **14. DOES THIS PANEL BELIEVE THAT THE ADVOCATE'S PROJECTED**
6 **NUMBER OF TAP PARTICIPANTS, IF ACCEPTED, WOULD BE GOOD FOR**
7 **PWD OR ITS CUSTOMERS?**

8 14. No, this panel does not believe that establishing a TAP rate rider founded on Mr.
9 Morgan's projected number of TAP participants, if accepted, would be beneficial to PWD
10 or its customers. The projected number of TAP participants provided by the Advocate
11 assumes decreased program participation over time, an assumption contradicted by both
12 recent and long-term trends in TAP enrollment. The Advocate's under-projected figures
13 for TAP participation will act to depress the TAP rate rider, resulting in a continued
14 under-recovery of program costs. This revenue deficiency would further strain the
15 Department's financial position and necessitate future rate reconciliations to impose
16 higher TAP rider charges on PWD customers in order to recover previously unrecovered
17 costs.

18
19 **B. AVERAGE TAP DISCOUNT PER PARTICIPANT**

20
21 **15. THE PUBLIC ADVOCATE SUGGESTS THAT THE AVERAGE MONTHLY TAP**
22 **DISCOUNT THAT TAP PARTICIPANTS WILL RECEIVE IS \$47.26. DO YOU**
23 **AGREE?**

24 15. No.
25

16. PLEASE STATE THE BASIS FOR YOUR DISAGREEMENT WITH THE AMOUNT OF THE ADVOCATE’S AVERAGE TAP DISCOUNT PER PARTICIPANT.

16. The Advocate suggests using the most recent twelve months of actual data to calculate the average discount. However, this would necessitate the inclusion of data from the Reconciled Period, when lower base rates were in effect. A greater number of months’ data included in this figure does not equate to a more reliable figure. Rather, it is prudent to reference only the most applicable period.

By restricting calculations for the average TAP discount per participant to the Most Recent Period, the Department’s estimate reflects the most current trends in program participation, consumption, and billing. This provides the most accurate and forward-looking basis for setting TAP-R rates.

17. WHAT AVERAGE MONTHLY TAP DISCOUNT SHOULD BE USED IN THIS RATE PROCEEDING?

17. In the proposed TAP-R filing, the Department’s estimated average monthly discount per TAP participant was \$54.62. After adjusting this figure to reflect the most recently available data – December 2024 through March 2025 – the recommended average monthly discount per TAP participant is \$53.50 (Schedule RFC-4). This differs from the Department’s original filing and is higher than the suggested average discount per TAP participant provided in the Advocate’s testimony.

The updated average monthly TAP discount (\$53.50) is based upon the most recent available data for the Most Recent Rate Period. This period (September 2024 - March

2025) was selected so applicable data was included in the projection of the average discount per TAP participant and to ensure that lower base rates from previously reconciled periods did not adversely impact the reconciliation in this proceeding.

18. DOES THIS PANEL BELIEVE THAT THE AMOUNT OF THE ADVOCATE’S AVERAGE DISCOUNT PER TAP PARTICIPANT, IF ACCEPTED, WOULD BE GOOD FOR PWD OR ITS CUSTOMERS?

18. No, this panel does not believe that establishing a TAP rate rider founded on the Advocate’s suggested average discount per TAP participant, if accepted, would be beneficial to PWD or its customers. The calculated average discount per TAP participant suggested by Mr. Morgan involves the inclusion of multiple months from previously reconciled periods which also experienced lower base rates. This artificially deflates the value of the average discount per TAP participant, which would reduce the value of net recoverable costs and lead to under-recovery of TAP program costs. These costs would then need to be recovered through higher TAP rider rates in future TAP reconciliations.

C. IMPLEMENTATION OF TAP RATES

19. HOW DO THE ADVOCATE’S PROJECTED TAP NET RECOVERABLE COSTS COMPARE WITH THE DEPARTMENT’S PROJECTIONS?

19. The Advocate’s projected TAP net recoverable costs of \$37,373,285 are significantly less than the Department’s projected TAP net recoverable costs of \$49,264,213 as stated in the TAP-R filing. This is due to significant differences in underlying assumptions in two primary areas: (i) projected TAP participation; and (ii) average discount per TAP participant.

The Advocate's projected net recoverable costs are more than 24% less than the Department's and would result in a reduction in TAP-R rates for the Next Rate Period. This outcome is not supported by the most recent data. Given the historical under-recovery of TAP program costs – and that unreconciled deficits remain from prior periods – it is not reasonable to suggest a TAP-R surcharge rate reduction in the current environment.

In fact, the Advocate's -0.08% monthly growth in TAP participation would understate program participation by over 10% in March 2025 alone, resulting in material under-recovery of costs even if all other assumptions were presumed to be accurate.

20. DO YOU HAVE ANY COMMENTS ON THE CALCULATIONS OF THE TAP RIDER RATES USING THE ADVOCATE'S PROJECTED NUMBER OF TAP PARTICIPANTS, AND MONTHLY CONSUMPTION PER TAP PARTICIPANT?

20. By comparing the Advocate's projected average monthly program participation of 56,041 in the Next Rate Period against the Department's projection of stable participation at 64,283 per month (based on actual March 2025 participation), we estimate that the Advocate under-projects TAP participation in the Next Rate Period by an average of more than 8,200 participants per month. When this undercount is multiplied by the Department's recommended average discount per participant of \$53.50, the resulting shortfall in projected recoverable costs exceeds \$5.2 million for the Next Rate Period.

D. UPDATED RECONCILIATION CALCULATIONS

21. WHAT IS THE IMPACT OF THE UPDATED DATA SET, AS REFLECTED IN SCHEDULE RFC-4, ON THE RECONCILIATION CALCULATIONS?

21. As presented in Schedule BV-6, the updated actuals for December 2024 through March 2025, as well as the updated projections for April 2025 through August 2026 included in Schedule RFC-4, show that the initial TAP-R filing⁶ understates the overall net recoverable costs and resulting TAP-R surcharges rates. Table 1 in Schedule BV-6 shows that all factors would need to be higher in order to establish rates to sufficiently reconcile the existing costs (with the respect to the most recent and prior rate period), as well as provide sufficient recovery of credits for the Next Rate Period.

Further, based upon the recommendations included in his testimony in this TAP-R annual adjustment, Mr. Morgan significantly underestimates all factors.⁷ His proposed TAP-R rates would lead to continued under-recovery of costs. To illustrate the above, a comparison of the initial TAP-R filing, Mr. Morgan's initial recommendations, and the updated reconciliation calculations are provided in the table below.

⁶ See 2025 TAP Rate Adjustment Advance Notice (and Formal Notice) Schedule BV-1

⁷ See Direct Testimony of Lafayette K. Morgan, 2025 TAP Rate Rider Surcharge Rates, Schedule LKM-TAP-1

<u>Factor</u>	<u>Schedule Reference</u>		
	<u>BV-1</u> (Dated 2/15/25)	<u>LKM-TAP-1</u> (Dated 4/21/25)	<u>BV-6</u> (Updated 5/2/25)
C - FACTOR	\$ 39,866,915	\$ 31,779,486	\$ 41,272,090
E - FACTOR	\$ (9,211,476)	\$ (5,472,556)	\$ (10,889,526)
<u>I - FACTOR</u>	<u>\$ (185,822)</u>	<u>\$ (121,242)</u>	<u>\$ (208,912)</u>
Net Recoverable Costs: (C) - (E + I)	\$ 49,264,213	\$ 37,373,285	\$ 52,370,528
S - FACTOR Water (MCF)	5,345,617	5,345,617	5,274,429
S - FACTOR Sewer (MCF)	5,040,140	5,040,140	4,976,897
Water TAP-R Surcharge (\$/MCF)	\$ 3.87	\$ 2.93	\$ 4.17
Sewer TAP-R Surcharge (\$/MCF)	\$ 5.67	\$ 4.30	\$ 6.10

22. DO YOU HAVE ANY ADDITIONAL COMMENTS REGARDING THE UPDATED RECONCILIATION CALCULATIONS?

22. Yes. As shown in the preceding table, it is clear that the Water Department's overall request set forth in Schedule BV-6 is reasonable, as it is in line with the actual data. See, attached schedule.

E. OTHER ISSUES

23. DO YOU HAVE ANY COMMENTS REGARDING THE ADVOCATE'S RECOMMENDATIONS TO UTILIZE THE WATER/WASTEWATER COST

**ALLOCATIONS AS APPROVED UNDER THE 2025 GENERAL RATE
PROCEEDING DETERMINATION?**

23. Yes. First, we generally agree with the Public Advocate's recommendation that the water/wastewater cost allocation determinations made in the current general rate case should be reflected in the TAP-R determination. However, we would clarify the rate periods for which current determination would apply. TAP-R reconciliations to date have applied the water/wastewater cost allocation factors as codified in the rates and charges of each TAP-R rate period. Both the Department's and Mr. Morgan's schedules consistently reflect this approach. The Department agrees that the codified water/wastewater cost allocation factors reflected in the final rates and charges for the rate schedule effective September 1, 2025 should reflect the water/wastewater cost allocations reflected in the 2025 general rate proceeding determination.

In the context of this TAP-R reconciliation proceeding, we recommend that the water/wastewater allocations from the 2025 general rate proceeding be applied in context of the C-Factor. This will align future reconciliation of TAP discounts with the underlying base rates upon which they will be based.

With respect to the E-Factor and the I-Factor calculations in this proceeding, we recommend that the existing allocation between water and wastewater as reflected in rates in charges effective September 1, 2024, should continue to be used. This maintains the alignment of the reconciliation of TAP discounts with the underlying base rates upon which they are based.

**24. DO YOU HAVE ANY COMMENTS REGARDING THE ADVOCATE’S
RECOMMENDATIONS AS APPROVED UNDER THE 2025 GENERAL RATE
PROCEEDING DETERMINATION?**

24. Yes. First, we generally agree with the Public Advocate’s recommendation that collection factor determinations made in the current general rate case should be reflected in the TAP-R determination. However, we would clarify the rate periods for which current determination would apply. TAP-R reconciliations to date have applied the collection factor as codified in the rates and charges of each TAP-R rate period. Both the Department’s and Mr. Morgan’s schedules consistently reflect this approach. The Department agrees that the codified collection factor reflected in the final rates and charges for the rate schedule proposed to effective September 1, 2025 should reflect the collection factor in the 2025 general rate proceeding determination.

In the context of this TAP-R reconciliation proceeding, we recommend that the proposed collection factor included in the E-Factor from the 2025 general rate proceeding be reflected in the next TAP-R reconciliation calculations (i.e., the 2026 TAP-R adjustment proceeding). This aligns the reconciliation of future TAP discounts with the underlying base rates upon which they will be based.

The collection factors, as reflected in rates in charges effective September 1, 2024, should be used in the current TAP-R adjustment proceeding, specifically in the calculation of the E-Factor [and E-Factor Prior], such that the reconciliation of actual TAP discounts and estimated TAP-R revenues aligns the underlying base rates currently in effect. In other words, we recommend that the collection factors utilized in the calculations align with those utilized in establishing the corresponding base rates.

25. HOW ARE THE BASE RATE PROCEEDING COLLECTION FACTOR DETERMINATIONS REFLECTED IN THE TAP-R RECONCILIATION?

25. The cumulative total of the collection factors reflected in the base rate proceeding determinations are reflected in the TAP-R reconciliation as a representation of the TAP Credits and TAP-R collections included in the system wide collection factors. It should be noted that this represents a simplified application for reconciliation purposes and overstates the TAP-R collections by applying the total cumulative collection factor to the current TAP-R billings in order to estimate TAP-R revenues. The total cumulative collection factor reflects that receipts of current year billings are received over multiple years and estimated in a three-year pattern. In reality, portions of the current year receipts are based on prior year billings which are based on prior year rates and are typically lower than current year billing levels. Therefore, applying the total cumulative collection factor to the current year TAP-R billings overstates TAP-R receipts. The Department accepts this simplified approach for reconciliation purposes but maintains its position that revenue adjustments to base rate revenues for TAP-R billings is unmerited in light of the over statement of collection of TAP-R billings represented in the TAP-R reconciliations.

III. CONCLUSION

26. WHAT IS YOUR OVERALL RECOMMENDATION WITH RESPECT TO 2025 TAP ADJUSTMENT?

26. We recommend that (i) the projected average monthly TAP participation for the Next Rate Period equal 64,283 participants per month, and (ii) the average discount per TAP

1 participant equal \$53.50 per month. These calculations incorporate the most recent
2 available data and combine it with a simplified projection of TAP participation to
3 conservatively forecast TAP participation and cost in the Next Rate Period. For that
4 period, we are not aware of any significant drivers which would be expected to
5 significantly alter TAP participation from current levels.

6
7 Please note that PWD remains open to discussions of a possible settlement in this
8 proceeding that takes into account the most recent data concerning TAP enrollment and
9 usage through March 2025.

10
11 **27. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?**

12 27. Yes.

2025 TAP Reconcilable Rider Reports and Projection Model - UPDATED April 2025

For: **Philadelphia Water Department**

By:  **RAFTELIS**

2025 TAP Reconcilable Rider Reports and Projection Model: Table of Contents

<u>Sheet Name</u>	<u>Description</u>
Table of Contents	List of each sheet in the workbook
TRR_Summary	Summary of assumptions and results by period of major variables requested of Raftelis
TRR_Projections	Results by month of major variables requested of Raftelis
Data Source	Description of data source for reports DR-1, DR-2, DR-3A Participants, and DR-4
DR_1	Water Monthly Retail Billed Volume
DR_2	Sewer Monthly Retail Billed Volume
DR_3A Participants	Monthly Number of TAP Participants
DR_4	Monthly Total TAP Discount Amount

Assumptions used to develop the Results below							
Assumption or scenario type	Scenario						
TAP Subscription Projection	Increasing	owing to continued prequalification and recertification change					
Monthly Cost per TAP Participant*	\$	53.50 and projected to be stable over time					
Monthly Consumption per TAP Participant*		654 CF and projected to be stable over time					
*Per Participant Data (Most Recent Period - Actual Data)							
			Average Monthly Number of TAP Participants	Total Number of TAP Participants	Total TAP Discount	Total TAP Water Consumption (CCF)	Total TAP Sewer Consumption (CCF)
Reconciled Period - Actual	April 2024 to	August 2024	57,147	285,737	\$ 12,074,655	1,820,682	1,818,923
Most Recent Period - Actual	September 2024 to	March 2025	59,973	419,810	\$ 22,461,143	2,747,366	2,745,087
Most Recent Period - Projected	April 2025 to	August 2025	64,283	321,415	\$ 17,196,704	2,103,439	2,103,439
Most Recent Period - Entire	September 2024 to	August 2025	61,769	741,225	\$ 39,657,848	4,850,805	4,848,526
Next Rate Period	September 2025 to	August 2026	64,283	771,396	\$ 41,272,090	5,048,253	5,048,253

2025 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

	Reconciled Period				
Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
Participants	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total Participants	21,850	28,103	49,238	57,132	57,574
Discount	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total Discounts	\$ 1,326,819.66	\$ 1,497,711.89	\$ 1,979,850.53	\$ 2,091,897.08	\$ 2,365,725.67
Water Consumption	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total TAP Water Consumption (CCF)	158,828	190,725	295,348	325,802	363,838
Sewer Consumption	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total TAP Sewer Consumption (CCF)	158,780	190,651	295,152	325,518	363,536

2025 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

				Most Recent Period	
Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
Participants	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total Participants	54,155	58,308	58,568	59,251	60,118
Discount	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total Discounts	\$ 2,349,525.76	\$ 2,536,570.62	\$ 2,730,935.76	\$ 3,183,451.64	\$ 3,388,687.91
Water Consumption	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total TAP Water Consumption (CCF)	351,783	378,473	400,786	420,544	409,435
Sewer Consumption	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total TAP Sewer Consumption (CCF)	351,455	378,048	400,366	420,198	409,059

2025 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
Participants	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total Participants	56,340	60,300	60,481	59,037	64,283
Discount	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total Discounts	\$ 2,979,735.93	\$ 3,184,189.26	\$ 3,646,630.18	\$ 2,993,649.08	\$ 3,084,799.46
Water Consumption	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total TAP Water Consumption (CCF)	358,125	382,960	433,104	364,141	379,057
Sewer Consumption	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total TAP Sewer Consumption (CCF)	357,784	382,625	432,797	363,856	378,768

2025 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.00%	0.00%	0.00%	0.00%	0.00%
Participants	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total Participants	64,283	64,283	64,283	64,283	64,283
Discount	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total Discounts	\$ 3,439,340.86	\$ 3,439,340.86	\$ 3,439,340.86	\$ 3,439,340.86	\$ 3,439,340.86
Water Consumption	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total TAP Water Consumption (CCF)	420,688	420,688	420,688	420,688	420,688
Sewer Consumption	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total TAP Sewer Consumption (CCF)	420,688	420,688	420,688	420,688	420,688

2025 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

	Next Rate Period					
Data Type	Projected	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Participants	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026
Total Participants	64,283	64,283	64,283	64,283	64,283	64,283
Discount	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026
Total Discounts	\$ 3,439,340.86	\$ 3,439,340.86	\$3,439,340.86	\$3,439,340.86	\$3,439,340.86	\$3,439,340.86
Water Consumption	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026
Total TAP Water Consumption (CCF)	420,688	420,688	420,688	420,688	420,688	420,688
Sewer Consumption	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026	Feb 2026
Total TAP Sewer Consumption (CCF)	420,688	420,688	420,688	420,688	420,688	420,688

2025 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Projected	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Participants	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026
Total Participants	64,283	64,283	64,283	64,283	64,283	64,283
Discount	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026
Total Discounts	\$3,439,340.86	\$3,439,340.86	\$3,439,340.86	\$3,439,340.86	\$3,439,340.86	\$3,439,340.86
Water Consumption	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026
Total TAP Water Consumption (CCF)	420,688	420,688	420,688	420,688	420,688	420,688
Sewer Consumption	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026
Total TAP Sewer Consumption (CCF)	420,688	420,688	420,688	420,688	420,688	420,688

2025 TAP Reconcilable Rider Reports and Projection Model: Data Source

Data in DR_1, DR_2, DR_3A Participants, and DR_4 are from reports run on static copies of basis2 captured on 11/30/2024 and on 3/31/2025

11/30/2024 copy: January 2021 through December 2021

3/31/2025 copy: January 2022 through March 2025

DR-1: Water Billed Volume						
		2024	2024	2024	2024	2024
		1	2	3	4	5
Customer Group	Discount Group	January 2024 Water Billed Volume (CCF)	February 2024 Water Billed Volume (CCF)	March 2024 Water Billed Volume (CCF)	April 2024 Water Billed Volume (CCF)	May 2024 Water Billed Volume (CCF)
TAP	All Groups	158,828	190,725	295,348	325,802	363,838
Non-TAP	Senior Discount*	71,335	64,947	51,858	49,556	52,685
Non-TAP	PHA Discount	117,176	115,069	104,380	105,112	106,007
Non-TAP	Non-PHA Discount (Other discount)	129,160	142,258	131,942	128,444	154,664
Non-TAP	No Additional Discount	4,207,107	4,025,346	3,717,754	3,663,647	4,071,552
PWD (not subject to reconciliation)	PWD	249,868	209,281	195,178	187,379	338,702

Water Billed Volume Subtotals, by Customer Group						
Customer Group		January 2024 Water Billed Volume (CCF)	February 2024 Water Billed Volume (CCF)	March 2024 Water Billed Volume (CCF)	April 2024 Water Billed Volume (CCF)	May 2024 Water Billed Volume (CCF)
TAP		158,828	190,725	295,348	325,802	363,838
Non-TAP		4,524,778	4,347,620	4,005,934	3,946,759	4,384,908
PWD (not subject to reconciliation)		249,868	209,281	195,178	187,379	338,702

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP.
Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

DR-1: Water Billed Volume						
		2024	2024	2024	2024	2024
		6	7	8	9	10
Customer Group	Discount Group	June 2024 Water Billed Volume (CCF)	July 2024 Water Billed Volume (CCF)	August 2024 Water Billed Volume (CCF)	September 2024 Water Billed Volume (CCF)	October 2024 Water Billed Volume (CCF)
TAP	All Groups	351,783	378,473	400,786	420,544	409,435
Non-TAP	Senior Discount*	52,066	55,890	56,490	57,534	52,597
Non-TAP	PHA Discount	111,431	122,353	124,260	124,561	118,464
Non-TAP	Non-PHA Discount (Other discount)	158,045	189,449	191,487	188,234	169,899
Non-TAP	No Additional Discount	4,040,015	4,579,453	4,695,678	4,606,561	4,301,915
PWD (not subject to reconciliation)	PWD	105,040	211,508	220,240	261,753	342,304

Water Billed Volume Subtotals, by Customer Group						
Customer Group		June 2024 Water Billed Volume (CCF)	July 2024 Water Billed Volume (CCF)	August 2024 Water Billed Volume (CCF)	September 2024 Water Billed Volume (CCF)	October 2024 Water Billed Volume (CCF)
TAP		351,783	378,473	400,786	420,544	409,435
Non-TAP		4,361,557	4,947,145	5,067,915	4,976,890	4,642,875
PWD (not subject to reconciliation)		105,040	211,508	220,240	261,753	342,304

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP.
Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

DR-1: Water Billed Volume					
		2024	2024	2025	2025
		11	12	1	2
Customer Group	Discount Group	November 2024 Water Billed Volume (CCF)	December 2024 Water Billed Volume (CCF)	January 2025 Water Billed Volume (CCF)	February 2025 Water Billed Volume (CCF)
TAP	All Groups	358,125	382,960	433,104	364,141
Non-TAP	Senior Discount*	47,037	49,616	59,093	48,459
Non-TAP	PHA Discount	114,459	115,086	121,240	109,977
Non-TAP	Non-PHA Discount (Other discount)	159,529	153,934	140,562	135,320
Non-TAP	No Additional Discount	3,983,679	4,018,382	4,204,897	3,656,723
PWD (not subject to reconciliation)	PWD	151,605	224,817	337,279	80,795

Water Billed Volume Subtotals, by Customer Group					
Customer Group		November 2024 Water Billed Volume (CCF)	December 2024 Water Billed Volume (CCF)	January 2025 Water Billed Volume (CCF)	February 2025 Water Billed Volume (CCF)
TAP		358,125	382,960	433,104	364,141
Non-TAP		4,304,704	4,337,018	4,525,792	3,950,479
PWD (not subject to reconciliation)		151,605	224,817	337,279	80,795

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP.
 Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

DR-1: Water Billed Volume		
		2025
		3
Customer Group	Discount Group	March 2025 Water Billed Volume (CCF)
TAP	All Groups	379,057
Non-TAP	Senior Discount*	49,929
Non-TAP	PHA Discount	105,559
Non-TAP	Non-PHA Discount (Other discount)	141,288
Non-TAP	No Additional Discount	3,705,848
PWD (not subject to reconciliation)	PWD	194,055

Water Billed Volume Subtotals, by Customer Group		
Customer Group		March 2025 Water Billed Volume (CCF)
TAP		379,057
Non-TAP		4,002,624
PWD (not subject to reconciliation)		194,055

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP.
Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

DR-2: Sewer Billed Volume						
		2024	2024	2024	2024	2024
		1	2	3	4	5
Customer Group	Discount Group	January 2024 Sewer Billed Volume (CCF)	February 2024 Sewer Billed Volume (CCF)	March 2024 Sewer Billed Volume (CCF)	April 2024 Sewer Billed Volume	May 2024 Sewer Billed Volume (CCF)
TAP	All Groups	158,780	190,651	295,152	325,518	363,536
Non-TAP	Senior Discount*	71,276	64,891	51,825	49,523	52,648
Non-TAP	PHA Discount	117,176	115,069	104,380	105,111	105,999
Non-TAP	Non-PHA Discount (Other discount)	128,644	141,732	131,384	127,790	153,991
Non-TAP	No Additional Discount	3,888,630	3,843,324	3,523,078	3,460,860	3,819,159
PWD (not subject to reconciliation)	PWD	249,868	209,281	195,178	187,379	338,702

Sewer Billed Volume Subtotals, by Customer Group						
Customer Group		January 2024 Sewer Billed Volume (CCF)	February 2024 Sewer Billed Volume (CCF)	March 2024 Sewer Billed Volume (CCF)	April 2024 Sewer Billed Volume (CCF)	May 2024 Sewer Billed Volume (CCF)
TAP		158,780	190,651	295,152	325,518	363,536
Non-TAP		4,205,726	4,165,016	3,810,667	3,743,284	4,131,797
PWD (not subject to reconciliation)		249,868	209,281	195,178	187,379	338,702

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP.
Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

DR-2: Sewer Billed Volume						
		2024	2024	2024	2024	2024
		6	7	8	9	10
Customer Group	Discount Group	June 2024 Sewer Billed Volume	July 2024 Sewer Billed Volume (CCF)	August 2024 Sewer Billed	September 2024 Sewer Billed Volume	October 2024 Sewer Billed Volume
TAP	All Groups	351,455	378,048	400,366	420,198	409,059
Non-TAP	Senior Discount*	52,023	55,846	56,450	57,492	52,566
Non-TAP	PHA Discount	111,351	122,277	124,179	124,482	118,425
Non-TAP	Non-PHA Discount (Other discount)	157,294	188,408	190,154	187,071	166,072
Non-TAP	No Additional Discount	3,781,397	4,273,914	4,365,229	4,308,515	4,030,241
PWD (not subject to reconciliation)	PWD	105,040	211,508	220,240	261,753	342,304

Sewer Billed Volume Subtotals, by Customer Group						
Customer Group		June 2024 Sewer Billed Volume (CCF)	July 2024 Sewer Billed Volume (CCF)	August 2024 Sewer Billed Volume (CCF)	September 2024 Sewer Billed Volume (CCF)	October 2024 Sewer Billed Volume (CCF)
TAP		351,455	378,048	400,366	420,198	409,059
Non-TAP		4,102,065	4,640,445	4,736,012	4,677,560	4,367,304
PWD (not subject to reconciliation)		105,040	211,508	220,240	261,753	342,304

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP.
Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

DR-2: Sewer Billed Volume						
		2024	2024	2025	2025	2025
		11	12	1	2	3
Customer Group	Discount Group	November 2024 Sewer Billed Volume	December 2024 Sewer Billed Volume (CCF)	January 2025 Sewer Billed Volume (CCF)	February 2025 Sewer Billed Volume	March 2025 Sewer Billed Volume (CCF)
TAP	All Groups	357,784	382,625	432,797	363,856	378,768
Non-TAP	Senior Discount*	46,996	49,358	59,062	48,427	49,880
Non-TAP	PHA Discount	114,421	115,054	121,204	109,935	105,516
Non-TAP	Non-PHA Discount (Other discount)	158,850	153,506	140,047	134,746	140,696
Non-TAP	No Additional Discount	3,749,907	3,805,145	3,982,176	3,499,562	3,487,132
PWD (not subject to reconciliation)	PWD	151,605	224,817	337,279	80,795	194,055

Sewer Billed Volume Subtotals, by Customer Group						
Customer Group		November 2024 Sewer Billed Volume (CCF)	December 2024 Sewer Billed Volume (CCF)	January 2025 Sewer Billed Volume (CCF)	February 2025 Sewer Billed Volume (CCF)	March 2025 Sewer Billed Volume (CCF)
TAP		357,784	382,625	432,797	363,856	378,768
Non-TAP		4,070,174	4,123,063	4,302,489	3,792,670	3,783,224
PWD (not subject to reconciliation)		151,605	224,817	337,279	80,795	194,055

*Senior Citizen Discount figures represent only those Senior Citizen Discount customers not enrolled in TAP. Senior Citizen Discount customers enrolled in TAP are included in the TAP Customer Group.

2025 TAP Reconcilable Rider Reports and Projection Model: DR_3A Participants
January 2024 - March 2025

DR-3A: TAP Participants									
	2024	2024	2024	2024	2024	2024	2024	2024	2024
	1	2	3	4	5	6	7	8	9
	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	July 2024	August 2024	September 2024
Customer Type	Participants	Participants	Participants	Participants	Participants	Participants	Participants	Participants	Participants
Senior Discount*	5,873	6,635	8,650	9,017	9,117	8,603	9,245	9,305	9,316
PHA	-	-	-	-	-	-	-	-	-
Non-PHA	-	-	-	-	-	-	-	-	-
No Discount	15,977	21,468	40,588	48,115	48,457	45,552	49,063	49,263	49,935
All	21,850	28,103	49,238	57,132	57,574	54,155	58,308	58,568	59,251

2025 TAP Reconcilable Rider Reports and Projection Model: DR_3A Participants
January 2024 - March 2025

DR-3A: TAP Participants						
	2024	2024	2024	2025	2025	2025
	10	11	12	1	2	3
	October	November	December	January	February	March
	2024	2024	2024	2025	2025	2025
Customer Type	Participants	Participants	Participants	Participants	Participants	Participants
Senior Discount*	9,410	8,865	9,513	9,567	9,081	9,801
PHA	-	-	-	-	-	-
Non-PHA	-	-	-	-	-	-
No Discount	50,708	47,475	50,787	50,914	49,956	54,482
All	60,118	56,340	60,300	60,481	59,037	64,283

2025 TAP Reconcilable Rider Reports and Projection Model: DR_4
January 2024 - March 2025

DR-4: TAP Discount							
	2024	2024	2024	2024	2024	2024	2024
	1	2	3	4	5	6	7
	January 2024	February 2024	March 2024	April 2024	May 2024	June 2024	July 2024
Customer Type	Discount	Discount	Discount	Discount	Discount	Discount	Discount
Senior Discount	\$ 222,330.31	\$ 228,937.31	\$ 241,857.15	\$ 237,036.24	\$ 248,642.78	\$ 242,689.52	\$ 268,331.07
PHA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-PHA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
No Discount	\$ 1,104,489.35	\$ 1,268,774.58	\$ 1,737,993.38	\$ 1,854,860.84	\$ 2,117,082.89	\$ 2,106,836.24	\$ 2,268,239.55
All	\$ 1,326,819.66	\$ 1,497,711.89	\$ 1,979,850.53	\$ 2,091,897.08	\$ 2,365,725.67	\$ 2,349,525.76	\$ 2,536,570.62

2025 TAP Reconcilable Rider Reports and Projection Model: DR_4
January 2024 - March 2025

DR-4: TAP Discount							
	2024	2024	2024	2024	2024	2025	2025
	8	9	10	11	12	1	2
	August 2024	September 2024	October 2024	November 2024	December 2024	January 2025	February 2025
Customer Type	Discount	Discount	Discount	Discount	Discount	Discount	Discount
Senior Discount	\$ 306,245.76	\$ 341,502.08	\$ 354,154.28	\$ 305,166.25	\$ 340,197.14	\$ 391,620.09	\$ 322,393.67
PHA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Non-PHA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
No Discount	\$ 2,424,690.00	\$ 2,841,949.56	\$ 3,034,533.63	\$ 2,674,569.68	\$ 2,843,992.12	\$ 3,255,010.09	\$ 2,671,255.41
All	\$ 2,730,935.76	\$ 3,183,451.64	\$ 3,388,687.91	\$ 2,979,735.93	\$ 3,184,189.26	\$ 3,646,630.18	\$ 2,993,649.08

2025 TAP Reconcilable Rider Reports and Projection Model: DR_4
January 2024 - March 2025

DR-4: TAP Discount	
	2025
	3
Customer Type	March 2025 Discount
Senior Discount	\$ 325,258.18
PHA	\$ -
Non-PHA	\$ -
No Discount	\$ 2,759,541.28
All	\$ 3,084,799.46

Table 1 - Calculation of TAP Rider Rates Effective September 01, 2025 (FY 2026)

		TOTAL	Water	Wastewater
		Amount	Amount	Amount
(1)	C = Projected TAP Billing Loss ^a	\$ 41,272,090	\$ 17,334,278	\$ 23,937,812
(2)	E = Experienced & Estimated Net Over/Under Collection ^b	\$ (10,889,526)	\$ (4,590,854)	\$ (6,298,672)
(3)	I = Interest on Experienced & Estimated Net Over/Under Collection ^c	\$ (208,912)	\$ (88,146)	\$ (120,766)
(4)	Net Recoverable Costs ^d : (C) - (E + I)	\$ 52,370,528	\$ 22,013,277	\$ 30,357,250
(5)	S = Projected Non-TAP Sales for Next Rate Period (MCF) ^e		5,274,429	4,976,897
(6)	TAP-R Surcharge^f: (4)/(5)		\$ 4.17 /MCF	\$ 6.10 /MCF

Notes:

^a Recoverable TAP Billing Loss for the Next Rate Period. Refer to Table 2 for additional information.

^b Actual TAP Discounts versus TAP Revenue Collection for the Most Recent Period. Refer to Tables 3-W and 3-WW for further information.

^c Simple Annual Interest on Net Over/Under Collection for the Most Recent Period. Refer to Tables 4-W and 4-WW for further information. Interest rate of 4.17% as of January 02, 2025.

^d Net Recoverable Costs.

^e Estimated water and sewer sales for Non-TAP Customers for the Next Rate Period based upon the average monthly Non-TAP sales volume for the 12 month period of April 2024 to March 2025. Next Rate Period is assumed to be September 01, 2025 to August 31, 2026.

^f TAP-R Surcharge for the Next Rate Period.

Philadelphia Water Department
Table 2 - Projected TAP Lost Revenue (C-Factor) for Next Rate Period

Period	September 01, 2025 through August 31, 2026			Water 42%	Wastewater 58%
(1)	Projected TAP Billing Loss ^a	\$	41,272,090	\$ 17,334,278	\$ 23,937,812

Notes:

^a Projected TAP Billing Loss based upon the Projected Average Monthly Number of TAP Participants of 64,283 and the Average TAP Discount per Participant of \$53.50.

^b Allocation between Water and Wastewater per PWD Regulations - Rates and Charges Effective September 1, 2024 Section 10.1(a)(i) and Section 10.1(a)(ii).

Philadelphia Water Department								
Table 3-W - Experienced & Estimated Net Over/(Under) Collection (E-Factor) for Most Recent Period								
Billing Period	Total Actual TAP Discounts (Credits)	Billed TAP Water Sales (Mcf)	Total TAP-R Billed to TAP Participants \$ 3.080 (3) = (2) * \$ 3.080/Mcf	Adjusted Actual TAP Discounts (Credits) 96.99% (4) = [(1) - (3)] * 0.9699	Billed Non-TAP Water Sales (Mcf)	TAP-R Billed Non-Tap Water Sales \$ 3.080 (6) = (5) * \$ 3.080/Mcf	Estimated TAP-R Revenues Experienced 96.99% (7) = (6) * 0.9699	Over/(Under) Collection (8) = (7) - (4)
Prior E & I Factor Adjustments \$ (5,189,622)								
(a) Sep-24	\$ 1,337,050	42,054	\$ 129,528	\$ 1,171,175	490,922	\$ 1,512,040	\$ 1,466,528	\$ 295,352
(a) Oct-24	\$ 1,423,249	40,944	\$ 126,106	\$ 1,258,099	458,133	\$ 1,411,049	\$ 1,368,576	\$ 110,478
(a) Nov-24	\$ 1,251,489	35,813	\$ 110,303	\$ 1,106,836	424,734	\$ 1,308,181	\$ 1,268,805	\$ 161,968
(a) Dec-24	\$ 1,337,359	38,296	\$ 117,952	\$ 1,182,703	428,038	\$ 1,318,356	\$ 1,278,673	\$ 95,970
(a) Jan-25	\$ 1,531,585	43,310	\$ 133,396	\$ 1,356,103	446,982	\$ 1,376,703	\$ 1,335,264	\$ (20,839)
(a) Feb-25	\$ 1,257,333	36,414	\$ 112,155	\$ 1,110,708	389,904	\$ 1,200,903	\$ 1,164,756	\$ 54,048
(a) Mar-25	\$ 1,295,616	37,906	\$ 116,750	\$ 1,143,382	394,954	\$ 1,216,459	\$ 1,179,844	\$ 36,462
(e) Apr-25	\$ 1,444,523	42,069	\$ 129,572	\$ 1,275,371	439,536	\$ 1,353,770	\$ 1,313,022	\$ 37,650
(e) May-25	\$ 1,444,523	42,069	\$ 129,572	\$ 1,275,371	439,536	\$ 1,353,770	\$ 1,313,022	\$ 37,650
(e) Jun-25	\$ 1,444,523	42,069	\$ 129,572	\$ 1,275,371	439,536	\$ 1,353,770	\$ 1,313,022	\$ 37,650
(e) Jul-25	\$ 1,444,523	42,069	\$ 129,572	\$ 1,275,371	439,536	\$ 1,353,770	\$ 1,313,022	\$ 37,650
(e) Aug-25	\$ 1,444,523	42,069	\$ 129,572	\$ 1,275,371	439,536	\$ 1,353,770	\$ 1,313,022	\$ 37,650
Total	\$ 16,656,296	485,080	\$ 1,494,050	\$ 14,705,862	5,231,344	\$ 16,112,541	\$ 15,627,554	\$ (4,267,931)
Adjustment for Prior Estimates								\$ (322,923)

From Table 3-W-A

Notes:

- (a) - Actuals
(e) - Estimated

(1) - TAP Actual Discounts reflect water's 42.0% allocated portion of the Total TAP Discount.

(2) - Estimated TAP Discount per participant and estimated billed sales volume per participant reflect projections developed by Rafetlis. Refer to RFC-3.

(3) & (6) - Water TAP-R Rates per PWD Regulations - Rates and Charges Effective September 1, 2024 Section 10.3(a)(1).

(4) & (7) - Adjusted for system-wide collection factor in accordance with PWD Regulations - Rates and Charges Effective September 1, 2024 Section 10.1(b)(3).

(5) - Estimated Non-TAP water sales volumes for April 2025 through August 2025 are based upon average sales for prior 12 month period.

(8) - Over/(Under) Collection is based upon Rates that are inclusive of Prior E-Factor and I-Factor. The presented "Prior E & I Factor Adjustments" includes these amounts from 2024 Annual Rate Adjustment.

Total E-Factor Recovery	\$ (4,590,854)
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Line 2 in Summary Table

Philadelphia Water Department								
Table 3-WW - Experienced & Estimated Net Over/(Under) Collection (E-Factor) for Most Recent Period								
Billing Period	Total Actual TAP Discounts (Credits)	Billed Sewer Volume TAP Participants (Mcf)	Total TAP-R Billed to TAP Participants \$ 4.400 (3) = (2) * \$ 4.400/Mcf	Adjusted Actual TAP Discounts (Credits) 96.99% (4) = [(1) - (3)] * 0.9699	Billed Non-TAP Sewer Volume (Mcf)	TAP-R Billed Non-Tap Water Sales \$ 4.400 (6) = (5) * \$ 4.400/Mcf	Estimated TAP-R Revenues Experienced 96.99% (7) = (6) * 0.9699	Over/(Under) Collection (8) = (7) - (4)
Prior E & I Factor Adjustments \$ (6,713,206)								
(a) Sep-24	\$ 1,846,402	42,020	\$ 184,887	\$ 1,611,503	461,020	\$ 2,028,486	\$ 1,967,429	\$ 355,925
(a) Oct-24	\$ 1,965,439	40,906	\$ 179,986	\$ 1,731,711	430,672	\$ 1,894,958	\$ 1,837,920	\$ 106,209
(a) Nov-24	\$ 1,728,247	35,778	\$ 157,425	\$ 1,523,540	401,299	\$ 1,765,716	\$ 1,712,568	\$ 189,028
(a) Dec-24	\$ 1,846,830	38,263	\$ 168,355	\$ 1,627,953	406,659	\$ 1,789,301	\$ 1,735,443	\$ 107,490
(a) Jan-25	\$ 2,115,046	43,280	\$ 190,431	\$ 1,866,684	424,665	\$ 1,868,527	\$ 1,812,284	\$ (54,399)
(a) Feb-25	\$ 1,736,316	36,386	\$ 160,097	\$ 1,528,775	374,138	\$ 1,646,207	\$ 1,596,656	\$ 67,881
(a) Mar-25	\$ 1,789,184	37,877	\$ 166,658	\$ 1,573,688	373,030	\$ 1,641,334	\$ 1,591,930	\$ 18,242
(e) Apr-25	\$ 1,994,818	42,069	\$ 185,103	\$ 1,755,242	414,741	\$ 1,824,862	\$ 1,769,934	\$ 14,691
(e) May-25	\$ 1,994,818	42,069	\$ 185,103	\$ 1,755,242	414,741	\$ 1,824,862	\$ 1,769,934	\$ 14,691
(e) Jun-25	\$ 1,994,818	42,069	\$ 185,103	\$ 1,755,242	414,741	\$ 1,824,862	\$ 1,769,934	\$ 14,691
(e) Jul-25	\$ 1,994,818	42,069	\$ 185,103	\$ 1,755,242	414,741	\$ 1,824,862	\$ 1,769,934	\$ 14,691
(e) Aug-25	\$ 1,994,818	42,069	\$ 185,103	\$ 1,755,242	414,741	\$ 1,824,862	\$ 1,769,934	\$ 14,691
Total	\$ 23,001,552	484,853	\$ 2,133,354	\$ 20,240,065	4,945,191	\$ 21,758,839	\$ 21,103,898	\$ (5,849,373)
Adjustment for Prior Estimates								\$ (449,299)

From Table 3-WW-A

Notes:

- (a) - Actuals
(e) - Estimated

(1) - TAP Actual Discounts reflects water's 58.0% allocated portion of the Total TAP Discount.

(2) - Estimated TAP Discount per participant and estimated billed sales volume per participant reflect projections developed by Rafetlis. Refer to RFC-3.

(3) & (6) - Sewer TAP-R Rates per PWD Regulations - Rates and Charges Effective September 1, 2024 Section 10.3(b)(1).

(4) & (7) - Adjusted for system-wide collection factor in accordance with PWD Regulations - Rates and Charges Effective September 1, 2024 Section 10.1(b)(3).

(5) - Estimated Non-TAP water sales volumes for April 2025 through August 2025 are based upon average sales for prior 12 month period.

(8) - Over/(Under) Collection is based upon Rates that are inclusive of Prior E-Factor and I-Factor. The presented "Prior E & I Factor Adjustments" includes these amounts from 2024 Annual Rate Adjustment.

Total E-Factor Recovery	\$ (6,298,672)
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Line 2 in Summary Table

TAP Rate Rider
Effective September 1, 2025

Schedule BV-6

TAP Rider Reconciliation Calculations

Philadelphia Water Department									
Table 3-W-A - Prior Reconciliation Adjustment - Experienced & Estimated Net Over/(Under) Collection (E-Factor) for Most Recent Period									
Prior Reconciliation Period with Updated Actuals									
Billing Period	Total Actual TAP Discounts (Credits)	Billed TAP Water Sales (Mcf)	Total TAP-R Billed to TAP Participants \$ 0.150	Adjusted Actual TAP Discounts (Credits) 96.99%	Billed Non-TAP Water Sales (Mcf)	TAP-R Billed Non-TAP Water Sales	Estimated TAP-R Revenues Experienced 96.99%	Over/(Under) Collection	
	(1)	(2)	(3) = (2) * \$ 0.150/Mcf	(4) = [(1) - (3)] * 0.9699	(5)	(6) = (5) * \$ 0.150/Mcf	(7) = (6) * 0.9699	(8) = (7) - (4)	
Prior E & I Factor Adjustments								\$ 3,134,517	
Sep-23	\$ 519,366	15,848	\$ 2,377	\$ 501,427	523,650	\$ 78,548	\$ 76,183	\$ (425,244)	\$ 3,134,517
Oct-23	\$ 501,703	14,421	\$ 2,163	\$ 484,504	441,095	\$ 66,164	\$ 64,173	\$ (420,331)	\$ (425,244) \$ (0)
Nov-23	\$ 532,517	15,244	\$ 2,287	\$ 514,270	443,823	\$ 66,573	\$ 64,570	\$ (449,700)	\$ (420,331) \$ 0
Dec-23	\$ 540,734	15,420	\$ 2,313	\$ 522,214	442,897	\$ 66,435	\$ 64,435	\$ (457,779)	\$ (449,701) \$ 0
Jan-24	\$ 557,264	16,008	\$ 2,401	\$ 538,162	454,930	\$ 68,239	\$ 66,185	\$ (471,976)	\$ (457,779) \$ (0)
Feb-24	\$ 629,039	19,370	\$ 2,905	\$ 607,287	436,223	\$ 65,433	\$ 63,464	\$ (543,823)	\$ (471,976) \$ 4,206
Mar-24	\$ 831,537	30,047	\$ 4,507	\$ 802,137	404,940	\$ 60,741	\$ 58,913	\$ (743,224)	\$ (543,823) \$ 10,848
Apr-24	\$ 878,597	32,580	\$ 4,887	\$ 847,411	394,676	\$ 59,201	\$ 57,419	\$ (789,992)	\$ (743,224) \$ 16,548
May-24	\$ 993,605	36,384	\$ 5,458	\$ 958,404	438,491	\$ 65,774	\$ 63,794	\$ (894,610)	\$ (789,992) \$ 51,473
Jun-24	\$ 986,801	35,178	\$ 5,277	\$ 951,980	436,156	\$ 65,423	\$ 63,454	\$ (888,526)	\$ (894,610) \$ (53,145)
Jul-24	\$ 1,065,360	37,847	\$ 5,677	\$ 1,027,786	494,715	\$ 74,207	\$ 71,974	\$ (955,813)	\$ (888,526) \$ (47,061)
Aug-24	\$ 1,146,993	40,079	\$ 6,012	\$ 1,106,637	506,792	\$ 76,019	\$ 73,731	\$ (1,032,907)	\$ (955,813) \$ (114,348)
Total	\$ 9,183,514	308,425	\$ 46,264	\$ 8,862,219	5,418,386	\$ 812,758	\$ 788,294	\$ (4,939,408)	\$ (841,464) \$ (191,442)
Total								\$ (4,939,408)	\$ (4,616,485) \$ (322,923)

Notes:

- (1) - TAP Actual Discounts reflect water's 42.0% allocated portion of the Total TAP Discount.
- (2) - Updated TAP Discounts and billed sales volume to reflect actuals for April 2024 through August 2024 as provided by Raffetis. Refer to Schedule RFC-3.
- (3) & (6) - Water TAP-R Rates per PWD Regulations - Rates and Charges Effective September 1, 2023 Section 10.3(a)(1).
- (4) & (7) - Adjusted for system-wide collection factor in accordance with PWD Regulations - Rates and Charges Effective September 1, 2023 Section 10.1(b)(3).
- (5) - Billed Non-TAP Water Sales, updated to reflect actual billed water sales volumes for April 2024 through August 2024.
- (8) - Updated Over/(Under) Collection
- (9) - Over/(Under) Collection for September 2023 to August 2024 as calculated during the prior TAP-R Reconciliation Determination.
- (10) - Difference between Updated Over/(Under) Collection and Original Estimates.

Philadelphia Water Department									
Table 3-WW-A - Prior Reconciliation Adjustment - Experienced & Estimated Net Over/(Under) Collection (E-Factor) for Most Recent Period									
Prior Reconciliation Period with Updated Actuals									
Billing Period	Total Actual TAP Discounts (Credits)	Billed Sewer Volume TAP Participants (Mcf)	Total TAP-R Billed to TAP Participants \$ 0.240	Adjusted Actual TAP Discounts (Credits) 96.99%	Billed Non-TAP Sewer Volume (Mcf)	TAP-R Billed Non-TAP Water Sales \$ 0.240	Estimated TAP-R Revenues Experienced 96.99%	Over/(Under) Collection	
	(1)	(2)	(3) = (2) * \$ 0.240/Mcf	(4) = [(1) - (3)] * 0.9699	(5)	(6) = (5) * \$ 0.240/Mcf	(7) = (6) * 0.9699	(8) = (7) - (4)	
Prior E & I Factor Adjustments								\$ 4,689,002	
Sep-23	\$ 717,219	15,844	\$ 3,802	\$ 691,943	492,841	\$ 118,282	\$ 114,722	\$ (577,221)	\$ 4,689,002
Oct-23	\$ 692,828	14,414	\$ 3,459	\$ 668,618	420,550	\$ 100,932	\$ 97,894	\$ (570,724)	\$ (577,222) \$ 0
Nov-23	\$ 735,380	15,239	\$ 3,657	\$ 709,698	422,652	\$ 101,437	\$ 98,384	\$ (611,314)	\$ (570,725) \$ 0
Dec-23	\$ 746,727	15,415	\$ 3,700	\$ 720,663	423,419	\$ 101,621	\$ 98,562	\$ (622,100)	\$ (611,315) \$ 0
Jan-24	\$ 769,555	16,003	\$ 3,841	\$ 742,667	423,003	\$ 101,521	\$ 98,465	\$ (644,201)	\$ (622,100) \$ (0)
Feb-24	\$ 868,673	19,362	\$ 4,647	\$ 838,019	417,931	\$ 100,303	\$ 97,284	\$ (740,735)	\$ (644,201) \$ 5,807
Mar-24	\$ 1,148,313	30,027	\$ 7,207	\$ 1,106,759	385,257	\$ 92,462	\$ 89,679	\$ (1,017,081)	\$ (740,735) \$ 14,980
Apr-24	\$ 1,213,300	32,552	\$ 7,812	\$ 1,169,203	374,328	\$ 89,839	\$ 87,135	\$ (1,082,068)	\$ (1,017,081) \$ 22,852
May-24	\$ 1,372,121	36,354	\$ 8,725	\$ 1,322,358	413,180	\$ 99,163	\$ 96,178	\$ (1,226,180)	\$ (1,082,068) \$ 69,964
Jun-24	\$ 1,362,725	35,146	\$ 8,435	\$ 1,313,526	410,207	\$ 98,450	\$ 95,487	\$ (1,218,039)	\$ (1,226,180) \$ (74,148)
Jul-24	\$ 1,471,211	37,805	\$ 9,073	\$ 1,418,127	464,045	\$ 111,371	\$ 108,019	\$ (1,310,109)	\$ (1,218,039) \$ (66,007)
Aug-24	\$ 1,583,943	40,037	\$ 9,609	\$ 1,526,947	473,601	\$ 113,664	\$ 110,243	\$ (1,416,704)	\$ (1,310,109) \$ (158,077)
Total	\$ 12,681,996	308,197	\$ 73,967	\$ 12,228,527	5,121,013	\$ 1,229,045	\$ 1,192,051	\$ (6,347,474)	\$ (1,416,704) \$ (264,672)
Total								\$ (6,347,474)	\$ (5,898,175) \$ (449,299)

Notes:

- (1) - TAP Actual Discounts reflects sewer's 58.0% allocated portion of the Total TAP Discount.
- (2) - Updated TAP Discounts and billed sales volume to reflect actuals for April 2024 through August 2024 as provided by Raffetis. Refer to Schedule RFC-3.
- (3) & (6) - Sewer TAP-R Rates per PWD Regulations - Rates and Charges Effective PWD Regulations - Rates and Charges Effective September 1, 2023 Section 10.3(b)(1).
- (4) & (7) - Adjusted for system-wide collection factor in accordance with PWD Regulations - Rates and Charges Effective September 1, 2023 Section 10.1(b)(3).
- (5) - Updated to reflect actual billed water sales volumes for April 2024 through August 2024.
- (8) - Updated Over/(Under) Collection
- (9) - Over/(Under) Collection for September 2023 to August 2024 as calculated during the prior TAP-R Reconciliation Determination.
- (10) - Difference between Updated Over/(Under) Collection and Original Estimates.

Philadelphia Water Department						
Table 4 -W - Interest on Experienced & Estimated Net Over/(Under) Collection (I-Factor) for Most Recent Period						
Billing Period	Difference in Collection Water Portion From Table 3-W (1)	Billed Non-TAP Water Sales (Mcf) From Table 3-W (2)	Anticipated E+I Recovery Water Portion \$ (0.969) (3) = (2) * \$ -0.969/Mcf	Remaining E+I Recovery Water Portion (4) = (3) + (1)	Cumulative Over/(Under) Collection Relative to Revenue Requirements Water Portion (5)	Estimated Monthly Interest Owed/ (Interest to be Recouped) Water Portion (6) = (5) * [4.17% / 12]
Sep-24	\$ 295,352	490,922	\$ (475,913)	\$ (180,560)	\$ (180,560)	\$ (627.45)
Oct-24	\$ 110,478	458,133	\$ (444,126)	\$ (333,648)	\$ (514,209)	\$ (1,786.88)
Nov-24	\$ 161,968	424,734	\$ (411,748)	\$ (249,780)	\$ (763,989)	\$ (2,654.86)
Dec-24	\$ 95,970	428,038	\$ (414,951)	\$ (318,981)	\$ (1,082,969)	\$ (3,763.32)
Jan-25	\$ (20,839)	446,982	\$ (433,316)	\$ (454,155)	\$ (1,537,124)	\$ (5,341.51)
Feb-25	\$ 54,048	389,904	\$ (377,983)	\$ (323,935)	\$ (1,861,059)	\$ (6,467.18)
Mar-25	\$ 36,462	394,954	\$ (382,879)	\$ (346,417)	\$ (2,207,476)	\$ (7,670.98)
Apr-25	\$ 37,650	439,536	\$ (426,097)	\$ (388,447)	\$ (2,595,923)	\$ (9,020.83)
May-25	\$ 37,650	439,536	\$ (426,097)	\$ (388,447)	\$ (2,984,370)	\$ (10,370.69)
Jun-25	\$ 37,650	439,536	\$ (426,097)	\$ (388,447)	\$ (3,372,817)	\$ (11,720.54)
Jul-25	\$ 37,650	439,536	\$ (426,097)	\$ (388,447)	\$ (3,761,265)	\$ (13,070.39)
Aug-25	\$ 37,650	439,536	\$ (426,097)	\$ (388,447)	\$ (4,149,712)	\$ (14,420.25)
Total					\$	\$ (86,915)
Adjustment for Prior Estimates						\$ (1,231)
Total I-Factor Recovery						\$ (88,146)

Line 3 in Summary Table

Notes:

- (1) Difference in collection from Total of Column 8 - Table 3-W.
- (2) Billed Water Sales Volume from Column 5 - Table 3-W.
- (3) Anticipated Water Portion of E+I Recovery based upon the rate component of the 2024 TAP-R Determination.
- (4) Remaining E+I to be recovered.
- (6) Interest calculated monthly based on 1-year interest rate for constant maturity U.S. Treasury Securities as published in the Federal Reserve Statistical Release H.15 (519) on January 02, 2025.

Philadelphia Water Department						
Table 4 -WW - Interest on Experienced & Estimated Net Over/(Under) Collection (I-Factor) for Most Recent Period						
Billing Period	Difference in Collection Sewer Portion From Table 3-WW (1)	Billed Non-TAP Sewer Volume (Mcf) From Table 3-WW (2)	Anticipated E+I Recovery Sewer Portion \$ (1.324) (3) = (2) * \$ -1.324/Mcf	Remaining E+I Recovery Sewer Portion (4) = (3) + (1)	Cumulative Over/(Under) Collection Relative to Revenue Requirements Sewer Portion (5)	Estimated Monthly Interest Owed/ (Interest to be Recouped) Sewer Portion (6) = (5) * [4.17% / 12]
Sep-24	\$ 355,925	461,020	\$ (610,316)	\$ (254,391)	\$ (254,391)	\$ (884.01)
Oct-24	\$ 106,209	430,672	\$ (570,142)	\$ (463,933)	\$ (718,324)	\$ (2,496.18)
Nov-24	\$ 189,028	401,299	\$ (531,256)	\$ (342,228)	\$ (1,060,552)	\$ (3,685.42)
Dec-24	\$ 107,490	406,659	\$ (538,352)	\$ (430,862)	\$ (1,491,414)	\$ (5,182.66)
Jan-25	\$ (54,399)	424,665	\$ (562,189)	\$ (616,588)	\$ (2,108,002)	\$ (7,325.31)
Feb-25	\$ 67,881	374,138	\$ (495,299)	\$ (427,418)	\$ (2,535,421)	\$ (8,810.59)
Mar-25	\$ 18,242	373,030	\$ (493,833)	\$ (475,591)	\$ (3,011,011)	\$ (10,463.26)
Apr-25	\$ 14,691	414,741	\$ (549,052)	\$ (534,360)	\$ (3,545,371)	\$ (12,320.17)
May-25	\$ 14,691	414,741	\$ (549,052)	\$ (534,360)	\$ (4,079,732)	\$ (14,177.07)
Jun-25	\$ 14,691	414,741	\$ (549,052)	\$ (534,360)	\$ (4,614,092)	\$ (16,033.97)
Jul-25	\$ 14,691	414,741	\$ (549,052)	\$ (534,360)	\$ (5,148,452)	\$ (17,890.87)
Aug-25	\$ 14,691	414,741	\$ (549,052)	\$ (534,360)	\$ (5,682,812)	\$ (19,747.77)
Total					\$	\$ (119,017)
Adjustment for Prior Estimates						\$ (1,749)
Total I-Factor Recovery						\$ (120,766)

Line 3 in Summary Table

Notes:

- (1) Difference in collection from Total of Column 8 - Table 3-WW.
- (2) Billed Water Sales Volume from Column 5 - Table 3-WW.
- (3) Anticipated Sewer Portion of E+I Recovery based upon the rate component of the 2024 TAP-R Determination.
- (4) Remaining E+I to be recovered.
- (3) Interest calculated monthly based on 1-year interest rate for constant maturity U.S. Treasury Securities as published in the Federal Reserve Statistical Release H.15 (519) on January 02, 2025.

Philadelphia Water Department					
Table 4 -W-A - Interest on Experienced & Estimated Net Over/(Under) Collection (I-Factor) for Most Recent Period					
Billing Period	Prior Reconciliation Period with Updated Actuals			Original Estimates	Adjustment
	Difference in Collection Water Portion From Table 3-W-A (1)	Cumulative Over/(Under) Collection Water Portion (2)	Estimated Monthly Interest Owed/ (Interest to be Recouped) Water Portion (3) = (2) * [4.80% / 12]	Estimated Monthly Interest Owed/ (Interest to be Recouped) Water Portion (4)	Cumulative Over/(Under) Collection Water Portion (5) = (3) - (4)
Sep-23	\$ (425,244)	\$ (425,244)	\$ (1,700.98)	\$ (1,700.97)	\$ (0.00)
Oct-23	\$ (420,331)	\$ (845,575)	\$ (3,382.30)	\$ (3,382.30)	\$ (0.00)
Nov-23	\$ (449,700)	\$ (1,295,275)	\$ (5,181.10)	\$ (5,181.10)	\$ 0.00
Dec-23	\$ (457,779)	\$ (1,753,055)	\$ (7,012.22)	\$ (7,012.22)	\$ (0.00)
Jan-24	\$ (471,976)	\$ (2,225,031)	\$ (8,900.12)	\$ (8,916.95)	\$ 16.82
Feb-24	\$ (543,823)	\$ (2,768,854)	\$ (11,075.42)	\$ (11,135.63)	\$ 60.22
Mar-24	\$ (743,224)	\$ (3,512,078)	\$ (14,048.31)	\$ (14,174.72)	\$ 126.41
Apr-24	\$ (789,992)	\$ (4,302,070)	\$ (17,208.28)	\$ (17,540.58)	\$ 332.30
May-24	\$ (894,610)	\$ (5,196,680)	\$ (20,786.72)	\$ (20,906.44)	\$ 119.72
Jun-24	\$ (888,526)	\$ (6,085,206)	\$ (24,340.82)	\$ (24,272.29)	\$ (68.53)
Jul-24	\$ (955,813)	\$ (7,041,018)	\$ (28,164.07)	\$ (27,638.15)	\$ (525.92)
Aug-24	\$ (1,032,907)	\$ (8,073,925)	\$ (32,295.70)	\$ (31,004.01)	\$ (1,291.69)
Total			\$ (174,096)	\$ (172,865)	\$ (1,231)
Total			\$ (174,096)	\$ (172,865)	\$ (1,231)

Adjustment for Prior Estimates
Included in Table 4-W

Notes:

- (1) Difference in collection from Total of Column 8 - Table 3-W-A.
 (3) Interest calculated monthly based on 1-year interest rate for constant maturity U.S. Treasury Securities as published in the Federal Reserve Statistical Release H.15 (519) on January 02, 2024.
 (4) Difference in collection from Total of Column 8 - Table 3-W (Prior Reconciliation).

Philadelphia Water Department					
Table 4 -WW-A - Interest on Experienced & Estimated Net Over/(Under) Collection (I-Factor) for Most Recent Period					
Billing Period	Prior Reconciliation Period with Updated Actuals			Original Estimates	Adjustment
	Difference in Collection Sewer Portion From Table 3-WW-A (1)	Cumulative Over/(Under) Collection Sewer Portion (2)	Estimated Monthly Interest Owed/ (Interest to be Recouped) Sewer Portion (3) = (2) * [4.80% / 12]	Estimated Monthly Interest Owed/ (Interest to be Recouped) Sewer Portion (4)	Delta Prior Period Estimates (5) = (3) - (4)
Sep-23	\$ (577,221)	\$ (577,221)	\$ (2,308.89)	\$ (2,308.89)	\$ 0.00
Oct-23	\$ (570,724)	\$ (1,147,946)	\$ (4,591.78)	\$ (4,591.79)	\$ 0.00
Nov-23	\$ (611,314)	\$ (1,759,260)	\$ (7,037.04)	\$ (7,037.04)	\$ 0.00
Dec-23	\$ (622,100)	\$ (2,381,360)	\$ (9,525.44)	\$ (9,525.44)	\$ 0.00
Jan-24	\$ (644,201)	\$ (3,025,562)	\$ (12,102.25)	\$ (12,125.48)	\$ 23.23
Feb-24	\$ (740,735)	\$ (3,766,297)	\$ (15,065.19)	\$ (15,148.34)	\$ 83.15
Mar-24	\$ (1,017,081)	\$ (4,783,377)	\$ (19,133.51)	\$ (19,308.07)	\$ 174.56
Apr-24	\$ (1,082,068)	\$ (5,865,445)	\$ (23,461.78)	\$ (23,916.20)	\$ 454.42
May-24	\$ (1,226,180)	\$ (7,091,625)	\$ (28,366.50)	\$ (28,524.32)	\$ 157.83
Jun-24	\$ (1,218,039)	\$ (8,309,664)	\$ (33,238.66)	\$ (33,132.45)	\$ (106.20)
Jul-24	\$ (1,310,109)	\$ (9,619,773)	\$ (38,479.09)	\$ (37,740.58)	\$ (738.51)
Aug-24	\$ (1,416,704)	\$ (11,036,476)	\$ (44,145.91)	\$ (42,348.71)	\$ (1,797.20)
Total			\$ (237,456)	\$ (235,707)	\$ (1,749)
Total			\$ (237,456)	\$ (235,707)	\$ (1,749)

Adjustment for Prior Estimates
Included in Table 4-WW

Notes:

- (1) Difference in collection from Total of Column 8 - Table 3-WW-A.
 (3) Interest calculated monthly based on 1-year interest rate for constant maturity U.S. Treasury Securities as published in the Federal Reserve Statistical Release H.15 (519) on January 02, 2024.
 (4) Difference in collection from Total of Column 8 - Table 3-WW (Prior Reconciliation).

Table 5 - Application of TAP Rate Rider Adjustment Effective September 1, 2025

		Base	TAP-R Surcharge	Total
Rates		Proposed	Proposed	Total
Water Quantity Charges		(\$/Mcf)	(\$/Mcf)	(\$/Mcf)
1	0 to 2 Mcf	\$ 72.45	\$ 4.17	\$ 76.62
2	2.1 to 100 Mcf	\$ 64.76	\$ 4.17	\$ 68.93
3	100.1 to 2,000 Mcf	\$ 50.16	\$ 4.17	\$ 54.33
4	2,000 + Mcf	\$ 50.16	\$ 4.17	\$ 54.33
Sewer Quantity Charges		(\$/Mcf)	(\$/Mcf)	(\$/Mcf)
5	Sewer Volume Rate	\$ 47.39	\$ 6.10	\$ 53.49

Notes:

Proposed Base Rates reflect the quantity charges, per the FY 2026 and FY 2027 Rate Proceeding.

TAP-R Rates are proposed to be effective on September 01, 2025.

The final quantity charges (including the TAP-R surcharge) will be in the final PWD Rates and Charges, if approved.