

PWD EXHIBIT 1
2026 TAP-R Proceeding

2026 TAP Reconcilable Rider Reports and Projection Model - FINAL STATIC Dec 2025

For: **Philadelphia Water Department**



<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 Combined Data and reports DR-1, DR-2

<u>Assumptions used to develop the Results below</u>							
Assumption or scenario type	Scenario						
TAP Subscription Projection	Increasing	due to continued prequalification					
Monthly Cost per TAP Participant*	\$	62.82	and projected to be stable over time				
Monthly Consumption per TAP Participant*		661 CF	and projected to be stable over time				
<i>*Per Participant Data (Most Recent Period - Actual Data)</i>							
			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 2025 to	August 2025	65,476	327,379	\$ 17,162,078	2,071,880	2,070,258
Most Recent Period - Actual	September 2025 to	December 2025	64,520	258,078	\$ 16,211,806	1,704,919	1,703,730
Most Recent Period - Projected	January 2026 to	August 2026	68,582	548,659	\$ 34,465,373	3,624,560	3,624,560
Most Recent Period - Entire	September 2025 to	August 2026	67,228	806,737	\$ 50,677,178	5,329,479	5,328,290
Next Rate Period	September 2026 to	August 2027	70,318	843,814	\$ 53,006,249	5,574,417	5,574,417

	Reconciled Period				
Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total Participants	64,762	65,114	65,257	65,853	66,393
Discount	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total Discounts	\$ 3,128,342.41	\$ 3,243,724.07	\$ 3,486,841.07	\$ 3,526,644.22	\$ 3,776,526.48
Water Consumption	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total TAP Water Consumption (CCF)	382,353	395,758	419,696	423,997	450,076
Sewer Consumption	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total TAP Sewer Consumption (CCF)	382,075	395,427	419,359	423,626	449,771

	Most Recent Period				
Data Type	Actual	Actual	Actual	Actual	Projected
Projected Increase in Participants					0.25%
	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total Participants	66,827	67,155	56,281	67,815	67,985
Discount	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total Discounts	\$ 3,997,140.20	\$ 4,545,754.26	\$ 3,282,881.90	\$ 4,386,029.19	\$ 4,270,616.26
Water Consumption	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total TAP Water Consumption (CCF)	444,157	466,827	340,206	453,729	449,121
Sewer Consumption	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total TAP Sewer Consumption (CCF)	443,876	466,528	339,938	453,388	449,121

Data Type	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.25%	0.25%	0.25%	0.25%	0.25%
	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total Participants	68,154	68,325	68,496	68,667	68,839
Discount	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total Discounts	\$ 4,281,292.80	\$ 4,291,996.03	\$ 4,302,726.02	\$ 4,313,482.83	\$ 4,324,266.54
Water Consumption	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total TAP Water Consumption (CCF)	450,243	451,369	452,497	453,629	454,763
Sewer Consumption	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total TAP Sewer Consumption (CCF)	450,243	451,369	452,497	453,629	454,763

	Next Rate Period					
Data Type	Projected	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026	Dec 2026
Total Participants	69,011	69,183	69,356	69,530	69,703	69,878
Discount	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026	Dec 2026
Total Discounts	\$ 4,335,077.21	\$ 4,345,914.90	\$ 4,356,779.69	\$4,367,671.64	\$4,378,590.82	\$4,389,537.29
Water Consumption	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026	Dec 2026
Total TAP Water Consumption (CCF)	455,900	457,039	458,182	459,327	460,476	461,627
Sewer Consumption	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026	Dec 2026
Total TAP Sewer Consumption (CCF)	455,900	457,039	458,182	459,327	460,476	461,627

Data Type	Projected	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.25%	0.25%	0.25%	0.25%	0.25%	0.25%
	Jan 2027	Feb 2027	Mar 2027	Apr 2027	May 2027	Jun 2027
Total Participants	70,052	70,227	70,403	70,579	70,756	70,932
Discount	Jan 2027	Feb 2027	Mar 2027	Apr 2027	May 2027	Jun 2027
Total Discounts	\$4,400,511.14	\$4,411,512.41	\$4,422,541.20	\$4,433,597.55	\$4,444,681.54	\$4,455,793.25
Water Consumption	Jan 2027	Feb 2027	Mar 2027	Apr 2027	May 2027	Jun 2027
Total TAP Water Consumption (CCF)	462,781	463,938	465,098	466,261	467,426	468,595
Sewer Consumption	Jan 2027	Feb 2027	Mar 2027	Apr 2027	May 2027	Jun 2027
Total TAP Sewer Consumption (CCF)	462,781	463,938	465,098	466,261	467,426	468,595

Data Type	Projected	Projected
Projected Increase in Participants	0.25%	0.25%
	Jul 2027	Aug 2027
Total Participants	71,110	71,288
Discount	Jul 2027	Aug 2027
Total Discounts	\$4,466,932.73	\$4,478,100.06
Water Consumption	Jul 2027	Aug 2027
Total TAP Water Consumption (CCF)	469,766	470,941
Sewer Consumption	Jul 2027	Aug 2027
Total TAP Sewer Consumption (CCF)	469,766	470,941

PWD EXHIBIT 2
2026 TAP-R Proceeding

2026 TAP Reconcilable Rider Reports and Projection Model - Update Jan-March2026 with March 2026 Static Copy

For: **Philadelphia Water Department**



2026 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 Combined Data and reports DR-1, DR-2
Combined Data	Combined reporting on Water Monthly Retail Billed Volume; Sewer Monthly Retail Billed Volume; Monthly TAP Participants; and Monthly Total TAP Discount Amounts
DR_1	Water Monthly Retail Billed Volume
DR_2	Sewer Monthly Retail Billed Volume

<u>Assumptions used to develop the Results below</u>							
Assumption or scenario type	Scenario						
TAP Subscription Projection	Increasing	due to continued prequalification					
Monthly Cost per TAP Participant*	\$	64.50	and projected to be stable over time				
Monthly Consumption per TAP Participant*		669 CF	and projected to be stable over time				
<i>*Per Participant Data (Most Recent Period - Actual Data)</i>							
			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 2025 to	August 2025	65,476	327,379	\$ 17,162,078	2,071,880	2,070,258
Most Recent Period - Actual	September 2025 to	March 2026	65,546	458,821	\$ 29,594,989	3,067,984	3,065,714
Most Recent Period - Projected	April 2026 to	August 2026	68,928	344,639	\$ 22,229,996	2,304,487	2,304,487
Most Recent Period - Entire	September 2025 to	August 2026	66,955	803,460	\$ 51,824,986	5,372,471	5,370,201
Next Rate Period	September 2026 to	August 2027	70,409	844,902	\$ 54,498,092	5,649,581	5,649,581

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total Participants	21,840	28,092	49,213	57,098	57,529
Discount	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total Discounts	\$ 1,325,915.35	\$ 1,497,446.15	\$ 1,978,894.87	\$ 2,090,227.74	\$ 2,363,991.42
Water Consumption	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total TAP Water Consumption (CCF)	158,733	190,670	295,199	325,552	363,582
Sewer Consumption	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024
Total TAP Sewer Consumption (CCF)	158,685	190,596	295,003	325,268	363,280

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total Participants	54,109	58,247	58,482	59,151	59,939
Discount	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total Discounts	\$ 2,347,910.54	\$ 2,532,949.01	\$ 2,727,371.14	\$ 3,178,212.67	\$ 3,375,675.99
Water Consumption	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total TAP Water Consumption (CCF)	351,514	377,977	400,254	419,861	407,993
Sewer Consumption	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024
Total TAP Sewer Consumption (CCF)	351,186	377,552	399,834	419,515	407,617

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total Participants	56,189	60,112	60,286	58,843	64,044
Discount	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total Discounts	\$ 2,968,651.24	\$ 3,167,355.29	\$ 3,630,279.19	\$ 2,978,785.48	\$ 3,051,535.99
Water Consumption	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total TAP Water Consumption (CCF)	356,885	381,139	431,332	362,543	375,751
Sewer Consumption	Nov 2024	Dec 2024	Jan 2025	Feb 2025	Mar 2025
Total TAP Sewer Consumption (CCF)	356,544	380,804	431,025	362,258	375,462

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

	Reconciled Period				
Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total Participants	64,762	65,114	65,257	65,853	66,393
Discount	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total Discounts	\$ 3,128,342.41	\$ 3,243,724.07	\$ 3,486,841.07	\$ 3,526,644.22	\$ 3,776,526.48
Water Consumption	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total TAP Water Consumption (CCF)	382,353	395,758	419,696	423,997	450,076
Sewer Consumption	Apr 2025	May 2025	Jun 2025	Jul 2025	Aug 2025
Total TAP Sewer Consumption (CCF)	382,075	395,427	419,359	423,626	449,771

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

	Most Recent Perio				
Data Type	Actual	Actual	Actual	Actual	Actual
Projected Increase in Participants					
	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total Participants	66,827	67,155	56,281	67,815	67,690
Discount	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total Discounts	\$ 3,997,140.20	\$ 4,545,754.26	\$ 3,282,881.90	\$ 4,386,029.19	\$ 4,713,244.12
Water Consumption	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total TAP Water Consumption (CCF)	444,157	466,827	340,206	453,729	474,833
Sewer Consumption	Sep 2025	Oct 2025	Nov 2025	Dec 2025	Jan 2026
Total TAP Sewer Consumption (CCF)	443,876	466,528	339,938	453,388	474,455

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Actual	Actual	Projected	Projected	Projected
Projected Increase in Participants			0.25%	0.25%	0.25%
	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total Participants	64,640	68,413	68,584	68,755	68,927
Discount	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total Discounts	\$ 4,147,911.73	\$ 4,522,028.08	\$ 4,423,824.80	\$ 4,434,884.37	\$ 4,445,971.58
Water Consumption	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total TAP Water Consumption (CCF)	423,591	464,641	458,599	459,745	460,895
Sewer Consumption	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026
Total TAP Sewer Consumption (CCF)	423,265	464,264	458,599	459,745	460,895

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

			Next Rate Period		
Data Type	Projected	Projected	Projected	Projected	Projected
Projected Increase in Participants	0.25%	0.25%	0.25%	0.25%	0.25%
	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026
Total Participants	69,100	69,272	69,446	69,619	69,793
Discount	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026
Total Discounts	\$ 4,457,086.51	\$ 4,468,229.22	\$ 4,479,399.80	\$ 4,490,598.29	\$ 4,501,824.79
Water Consumption	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026
Total TAP Water Consumption (CCF)	462,047	463,202	464,360	465,521	466,685
Sewer Consumption	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026
Total TAP Sewer Consumption (CCF)	462,047	463,202	464,360	465,521	466,685

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Projected		Projected		Projected		Projected	
Projected Increase in Participants	0.25%	0.25%	0.25%	0.25%	0.25%			
	Dec 2026	Jan 2027	Feb 2027	Mar 2027	Apr 2027			
Total Participants	69,968	70,143	70,318	70,494	70,670			
Discount	Dec 2026	Jan 2027	Feb 2027	Mar 2027	Apr 2027			
Total Discounts	\$ 4,513,079.35	\$ 4,524,362.05	\$ 4,535,672.96	\$ 4,547,012.14	\$ 4,558,379.67			
Water Consumption	Dec 2026	Jan 2027	Feb 2027	Mar 2027	Apr 2027			
Total TAP Water Consumption (CCF)	467,851	469,021	470,194	471,369	472,547			
Sewer Consumption	Dec 2026	Jan 2027	Feb 2027	Mar 2027	Apr 2027			
Total TAP Sewer Consumption (CCF)	467,851	469,021	470,194	471,369	472,547			

2026 TAP Reconcilable Rider Reports and Projection Model: TRR_Projections

Data Type	Projected		Projected		Projected		Projected	
Projected Increase in Participants	0.25%		0.25%		0.25%		0.25%	
	May 2027		Jun 2027		Jul 2027		Aug 2027	
Total Participants	70,847		71,024		71,201		71,379	
Discount	May 2027		Jun 2027		Jul 2027		Aug 2027	
Total Discounts	\$ 4,569,775.62		\$ 4,581,200.06		\$ 4,592,653.06		\$ 4,604,134.69	
Water Consumption	May 2027		Jun 2027		Jul 2027		Aug 2027	
Total TAP Water Consumption (CCF)	473,729		474,913		476,100		477,291	
Sewer Consumption	May 2027		Jun 2027		Jul 2027		Aug 2027	
Total TAP Sewer Consumption (CCF)	473,729		474,913		476,100		477,291	

PWD EXHIBIT 3
2026 TAP-R Proceeding

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

(1) Meter Size Inches	(2) Monthly Use Mcf	(3)	(4)	(5)	(5)	(5)
		FY 2025	FY 2026	FY 2026	FY 2027	FY 2027
		Existing Rates \$	Proposed Rates \$	% Proposed of Existing %	Proposed Rates \$	% Proposed of FY 2026 %
5/8	0.00	33.22	35.05	5.5	37.84	8.0
5/8	0.20	55.80	60.33	8.1	64.10	6.2
5/8	0.30	67.09	72.98	8.8	77.24	5.8
5/8	0.40	78.38	85.62	9.2	90.37	5.5
5/8	0.43	81.77	89.42	9.4	94.31	5.5
5/8	0.50	89.68	98.27	9.6	103.50	5.3
5/8	0.60	100.97	110.91	9.8	116.63	5.2
5/8	0.70	112.26	123.55	10.1	129.76	5.0
5/8	0.80	123.55	136.20	10.2	142.90	4.9
5/8	1.70	225.17	249.98	11.0	261.08	4.4
5/8	2.70	333.57	371.08	11.2	389.32	4.9
5/8	3.30	397.45	442.38	11.3	465.46	5.2

Typical Senior

Typical Residential

Notes:

FY 2025 figures reflect the existing base and current TAP-R rates, of \$3.08/Mcf for water and \$4.40/Mcf for sewer.
 FY 2026 and FY 2027 figures reflect the Rate Board Determination in the General Rate Proceeding and the Rate Board Determination in the 2025 TAP-R Reconciliation. The approved TAP-R rates for FY 2026 are \$3.59/Mcf for water and \$5.07/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 2025, FY 2026, and FY 2027 bills would be \$50.32, \$54.73, and \$57.93, respectively.

Mcf - Thousand cubic feet

PWD EXHIBIT 4
2026 TAP-R Proceeding

PA-TAP 4-4 REFER TO THE 2026 TAP RECONCILABLE RIDER REPORTS AND PROJECTION MODEL: TRR PROJECTIONS. PLEASE PROVIDE A RECALCULATION OF THE MONTHLY TOTAL DISCOUNT FOR THE PERIOD JANUARY 2025 TO AUGUST 2025 USING THE BASE RATES THAT BECAME EFFECTIVE SEPTEMBER 1, 2025.

RESPONSE:

The Total TAP Discounts from January 2025 to August 2025 was \$26,822,678.91. The Average TAP Participant Water Usage from January 2025 to August 2025 was 6 CCF per month. Using the difference between the Typical Bill (Sept 1, 2024 to Aug 31, 2025) for Residential Customers with 6 CCF monthly water usage and the corresponding Typical Bill (Sept 1, 2025 to Aug 31, 2026), the Total Discounts from January 2025 to August 2025 would be about \$31,897,565.79.

The difference is \$5,074,886.88.

Supporting calculations are provided as response attachment PA-TAP-4-4.xlsx.

RESPONSE PROVIDED BY: Philadelphia Water Department