

DW 23-015

Pennichuck Water Works, Inc. Order No. 26,875

Recoupment Calculations Methodology for PWW QCPAC

All Customer classes to be surcharged individually based on customer charge, actual usage and fire protection at 1.36% QCPAC Surcharge

The company will recoup from customers based on service rendered from 4/26/2023 through bills rendered 10/5/23. The recoupment is to be billed over 3 months

Revised 10/10/2023

Please note: recoupment dollars are truncated to 4 decimal positions and then rounded to 2 decimal positions in the total calculation.

**PWW QCPAC Recoupment -Service Rendered April 26, 2023
through October 5, 2023 Bills
Revised October 10, 2023**

Customer Class	Recoupment
General Metered	\$ 154,304.80
Private Fire Protection	\$ 11,121.13
Municipal Fire Protection	\$ 22,185.16
Contracts	\$ 9,381.73
Total Recoupment	\$ 196,992.82

QCPAC Recoupment Calculation

Account # 100000483

PWW Nashua 5/8"
Week 1

Residential Single Family

Recoupment Calculations for QCPAC Increase

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

QCPAC % Increase 1.36%

Effective Date: 4/26/2023

Service Rendered

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
6/8/2023	21	83.79	24.34	-	-	108.13	4/24/2023	5/30/2023	30	28	1.0635	0.3089	-	-	1.37
7/6/2023	16	63.84	24.34	-	-	88.18			30	30	0.8682	0.3310	-	-	1.20
8/3/2023	16	63.84	24.34	-	-	88.18			30	30	0.8682	0.3310	-	-	1.20
9/7/2023	21	83.79	24.34	-	-	108.13			30	30	1.1395	0.3310	-	-	1.47
10/5/2023	12	52.92	26.90	-	-	79.82			30	30	0.7197	0.3658	-	-	1.09
Totals		348.18	124.26	-	-	472.44					4.6591	1.6677	-	-	6.33
											Monthly Recoupment (over 3 months)-			2.10	

not billed yet

Recoupment Calculation

Account # 100112008

CWS HiLo 5/8"
Week 3

Single Family Residential

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/18/2023	2	7.98	24.34	-	-	32.32	4/11/2023	5/9/2023	30	13	0.0470	0.1434	-	-	0.19
6/22/2023	5	19.95	24.34	-	-	44.29			30	30	0.2713	0.3310	-	-	0.60
7/20/2023	3	11.97	24.34	-	-	36.31			30	30	0.1627	0.3310	-	-	0.49
8/17/2023	2	7.98	24.34	-	-	32.32			30	30	0.1085	0.3310	-	-	0.44
9/21/2023	3	13.23	26.90	-	-	40.13			30	30	0.1799	0.3658	-	-	0.55
	Totals	61.11	124.26	-	-	185.37					0.7694	1.5022	-	-	2.27
											Monthly Recoupment (over 3 months)-				0.75

Recoupment Calculation

Account # 100002199

PWW Nashua 1 1/2" Metered and 6" FS Commercial
 Week 2

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/11/2023	50	199.50	111.19	178.75	-	489.44	3/31/2023	4/28/2023	30	2	0.1808	0.1008	0.1620	-	0.44
6/15/2023	60	239.40	111.19	178.75	-	529.34			30	30	3.2558	1.5121	2.4310	-	7.20
7/13/2023	50	199.50	111.19	178.75	-	489.44			30	30	2.7132	1.5121	2.4310	-	6.66
8/10/2023	50	199.50	111.19	178.75	-	489.44			30	30	2.7132	1.5121	2.4310	-	6.66
9/14/2023	70	308.70	122.88	197.54	-	629.12			30	30	4.1983	1.6711	2.6865	-	8.56
	Totals	1,146.60	567.64	912.54	-	2,626.78					13.0613	6.3082	10.1415	-	29.51
											Monthly Recoupment (over 3 months)-				9.83

Recoupment Calculation

Account # 100013805

PWW Nashua 6" FS Industrial
 Week 4

Recoupment Calculations for QCPAC Increase

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Effective Date: 4/26/2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/25/2023	-	-	-	178.75	-	178.75	4/17/2023	5/15/2023	30	19	-	-	1.5396	-	1.54
6/29/2023	-	-	-	178.75	-	178.75			30	30	-	-	2.4310	-	2.43
7/27/2023	-	-	-	178.75	-	178.75			30	30	-	-	2.4310	-	2.43
8/24/2023	-	-	-	178.75	-	178.75			30	30	-	-	2.4310	-	2.43
9/28/2023	-	-	-	197.54	-	197.54			30	30	-	-	2.6865	-	2.69
	Totals	-	-	912.54	-	912.54					-	-	11.5191	-	11.52
													Monthly Recoupment (over 3 months)-		3.83

Recoupment Calculation

Account # 100023123

PWW Nashua 6" Metered Industrial
Week 4

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/25/2023	3,590	14,324.10	1,092.40	0.00	-	15,416.50	4/17/2022	5/15/2023	30	19	123.3782	9.4092	-	-	132.79
6/29/2023	4,290	17,117.10	1,092.40	0.00	-	18,209.50			30	30	232.7925	14.8566	-	-	247.65
7/27/2023	2,955	11,790.45	1,092.40	0.00	-	12,882.85			30	30	160.3501	14.8566	-	-	175.21
8/24/2023	3,290	13,127.10	1,092.40	0.00	-	14,219.50			30	30	178.5285	14.8566	-	-	193.39
9/28/2023	4,020	17,728.20	1,207.21	0.00	-	18,935.41			30	30	241.1035	16.4180	-	-	257.52
	Totals	74,086.95	5,576.81	-	-	79,663.76					936.1528	70.3970	-	-	1,006.55
											Monthly Recoupment (over 3 months)-				335.51

Recoupment Calculation

Account # 100017736

**PWW Nashua Public Hydrant
Week 4**

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/25/2023	-	-	-	-	286,694.52	286,694.52	4/17/2022	5/15/2023	30	19	-	-	-	2,469.3954	2,469.40
6/29/2023	-	-	-	-	286,694.52	286,694.52			30	30	-	-	-	3,899.0454	3,899.05
7/27/2023	-	-	-	-	286,694.52	286,694.52			30	30	-	-	-	3,899.0454	3,899.05
8/24/2023	-	-	-	-	286,694.52	286,694.52			30	30	-	-	-	3,899.0454	3,899.05
9/28/2023	-	-	-	-	316,814.86	316,814.86			30	30	-	-	-	4,308.6820	4,308.68
	Totals	-	-	-	1,463,592.94	1,463,592.94								18,475.2136	18,475.21
										Monthly Recoupment (over 3 months)-					6,158.40

Recoupment Calculation

Account # 1000017738

PWW Merrimack Public Hydrant
Week 4

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/25/2023	-	-	-	-	8,954.43	8,954.43	4/17/2022	5/15/2023	30	19	-	-	-	77.1274	77.13
6/29/2023	-	-	-	-	8,954.43	8,954.43			30	30	-	-	-	121.7802	121.78
7/27/2023	-	-	-	-	8,954.43	8,954.43			30	30	-	-	-	121.7802	121.78
8/24/2023	-	-	-	-	8,954.43	8,954.43			30	30	-	-	-	121.7802	121.78
9/28/2023	-	-	-	-	9,895.31	9,895.31			30	30	-	-	-	134.5762	134.58
	Totals	-	-	-	45,713.03	45,713.03					-	-	-	577.0442	577.04
											Monthly Recoupment (over 3 months)-		192.34		

Recoupment Calculation

Account # 100022001

PWW Amherst Public Hydrant
Week 4

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				Total
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	
5/25/2023	-	-	-	-	22,253.01	22,253.01	4/17/2022	5/15/2023	30	19	-	-	-	191.6725	191.67
6/29/2023	-	-	-	-	22,253.01	22,253.01			30	30	-	-	-	302.6409	302.64
7/27/2023	-	-	-	-	22,253.01	22,253.01			30	30	-	-	-	302.6409	302.64
8/24/2023	-	-	-	-	22,253.01	22,253.01			30	30	-	-	-	302.6409	302.64
9/28/2023	-	-	-	-	24,591.12	24,591.12			30	30	-	-	-	334.4392	334.44
	Totals	-	-	-	113,603.16	113,603.16					-	-	-	1,434.0344	1,434.03
											Monthly Recoupment (over 3 months)-				478.01

Recoupment Calculation

Account # 100114560

PWW Derry Public Hydrant
Week 4

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2023

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/25/2023	-	-	-	-	4,071.41	4,071.41	4/17/2022	5/15/2023	30	19	-	-	-	35.0684	35.07
6/29/2023	-	-	-	-	4,071.41	4,071.41			30	30	-	-	-	55.3711	55.37
7/27/2023	-	-	-	-	4,071.41	4,071.41			30	30	-	-	-	55.3711	55.37
8/24/2023	-	-	-	-	4,071.41	4,071.41			30	30	-	-	-	55.3711	55.37
9/28/2023	-	-	-	-	4,499.14	4,499.14			30	30	-	-	-	61.1883	61.19
	Totals	-	-	-	20,784.78	20,784.78					-	-	-	262.3700	262.37
											Monthly Recoupment (over 3 months)-		87.45		

Recoupment Calculation

Account # 100121089

PWW Bedford Public Hydrant
Week 4

Recoupment Calculations for QCPAC Increase

Service Rendered as of April 26, 2023 through bills issued October 5, 2023

Effective Date: 4/26/2023

Service Rendered

QCPAC % Increase 1.36%

Bill Date	Actual Billed Amounts						Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Recoupment				
	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Total
5/25/2023	-	-	-	-	22,291.24	22,291.24	4/17/2022	5/15/2023	30	19	-	-	-	192.0018	192.00
6/29/2023	-	-	-	-	22,291.24	22,291.24			30	30	-	-	-	303.1608	303.16
7/27/2023	-	-	-	-	22,291.24	22,291.24			30	30	-	-	-	303.1608	303.16
8/24/2023	-	-	-	-	22,291.24	22,291.24			30	30	-	-	-	303.1608	303.16
9/28/2023	-	-	-	-	24,633.39	24,633.39			30	30	-	-	-	335.0141	335.01
	Totals	-	-	-	113,798.35	113,798.35					-	-	-	1,436.4983	1,436.50
											Monthly Recoupment (over 3 months)-		478.83		

Hudson Contract QCPAC Recoupment Calculation

QCPAC Recoupment Calculation
Effective Date **4/26/2023**

							QCPAC % 1.36%	
Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Contract Fee	Monthly Customer	Total Bill	QCPAC Recoupment	
5/11/2023	4/4/2023	5/2/2023	37,373.31	38,120.08	77.49	61,240.75	\$ 101.87	
6/15/2023	5/2/2023	6/6/2023	46,716.63	38,120.08	77.49	71,261.47	\$ 636.40	
7/13/2023	6/6/2023	7/4/2023	37,373.31	38,120.08	77.49	61,240.75	\$ 509.33	
8/10/2023	7/4/2023	8/1/2023	\$ 48,132.86	\$ 38,120.08	\$ 77.49	86,330.43	\$ 655.66	
9/14/2023	8/1/2023	9/5/2023	\$ 59,980.90	\$ 38,120.08	\$ 85.63	98,186.61	\$ 816.90	
Totals			\$ 229,577.02	\$ 190,600.40	\$ 395.59	\$ 378,260.02	\$ 2,720.16	

Monthly Recoupment (over 3 months)- 906.72

MVD Contract QCPAC Recoupment Calculation

QCPAC Recoupment Calculation
Effective Date **4/26/2023**

							QCPAC %	
							1.36%	
Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Contract Fee	Monthly Customer	Total Bill	QCPAC Recoupment	
5/11/2023	4/4/2023	5/2/2023	-	-	1,092.40	1,092.40	\$ 2.97	
6/15/2023	5/2/2023	6/6/2023	219.45	-	1,092.40	1,311.85	\$ 17.84	
7/13/2023	6/2/2023	6/30/2023	\$ 8,799.60	\$ 15,143.13	\$ 78.33	24,021.06	\$ 120.74	
8/10/2023	6/30/2023	7/28/2023	\$ 8,799.60	\$ 15,143.13	\$ 78.33	24,021.06	\$ 120.74	
9/14/2023	7/28/2023	9/1/2023	\$ 12,155.25	\$ 15,143.13	\$ 86.56	27,384.94	\$ 166.49	
Totals			\$ 29,973.90	\$ 45,429.39	\$ 2,428.02	\$ 77,831.31	\$ 428.78	

Monthly Recoupment (over 3 months)- 142.92

Milford Contract QCPAC Recoupment Calculation

QCPAC Recoupment Calculation
Effective Date **4/26/2023**

			QCPAC Recoupment Calculation					4/26/2023	
								QCPAC %	1.36%
Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Contract Fee	Monthly Customer	Total Bill	QCPAC Recoupment		
5/11/2023	4/2/2023	5/1/2023	22,756.20	8,828.58	65.46	31,650.24	\$ 51.73		
6/15/2023	5/1/2023	6/5/2023	29,352.20	8,828.58	65.46	38,246.24	\$ 400.08		
7/13/2023	6/5/2023	7/3/2023	\$ 9,234.40 \$	8,828.58	\$ 65.46	18,128.44	\$ 126.48		
8/10/2023	7/3/2023	7/31/2023	\$ 10,223.80 \$	8,828.58	\$ 65.46	19,117.84	\$ 139.93		
9/14/2023	7/31/2023	9/5/2023	\$ 10,522.69 \$	8,828.58	\$ 72.34	19,423.61	\$ 144.09		
Totals			\$ 82,089.29	\$ 44,142.90	\$ 334.18	\$ 126,566.37	\$ 862.31		

Monthly Recoupment (over 3 months)- 287.43

PEU Interconnect Contract QCPAC Recoupment Calculation

QCPAC Recoupment Calculation

Effective Date

4/26/2023

QCPAC %

1.36%

Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Contract Fee	Monthly Customer	Total Bill	QCPAC Recoupment
5/11/2023	3/31/2023	4/28/2023	14,433.05	16,081.55	77.49	30,592.09	\$ 13.16
6/15/2023	4/28/2023	6/2/2023	32,219.04	16,081.55	77.49	48,378.08	\$ 439.23
7/13/2023	6/2/2023	6/30/2023	\$ 21,540.37	\$ 16,081.55	\$ 77.49	37,699.41	\$ 294.00
8/10/2023	6/30/2023	7/28/2023	\$ 20,011.62	\$ 16,081.55	\$ 77.49	36,170.66	\$ 273.21
9/14/2023	7/28/2023	9/1/2023	\$ 25,047.02	\$ 16,081.55	\$ 85.63	41,214.20	\$ 341.80
Totals			\$ 113,251.09	\$ 80,407.75	\$ 395.59	\$ 194,054.43	\$ 1,361.41

Monthly Recoupment (over 3 months)-

453.80

Tyngsboro Contract QCPAC Recoupment Calculation

QCPAC Recoupment Calculation

Effective Date

4/26/2023

QCPAC %

1.36%

Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Contract Fee	Monthly Customer	Total Bill	QCPAC Recoupment
5/25/2023	4/17/2023	5/15/2023	3,855.31 \$	25,416.70 \$	46.11	29,318.12 \$	252.53
6/29/2023	5/15/2023	6/19/2023	7,080.57 \$	25,416.70 \$	46.11	32,543.38 \$	442.59
7/27/2023	6/19/2023	7/17/2023	\$ 15,406.23 \$	25,416.70 \$	46.11	40,869.04 \$	555.82
8/24/2023	7/17/2023	8/14/2023	\$ 16,031.28 \$	25,416.70 \$	46.11	41,494.09 \$	564.32
9/28/2023	8/14/2023	9/18/2023	\$ 16,666.42 \$	28,088.66 \$	50.56	44,805.64 \$	609.36
Totals			\$ 59,039.81 \$	129,755.46 \$	235.00	\$ 189,030.27 \$	2,424.61

Monthly Recoupment (over 3 months)-

808.20

**Anheuser Contract QCPAC Recoupment Calculation
100012322**

QCPAC Recoupment Calculation
Effective Date **4/26/2023**

							QCPAC %	
							1.36%	
Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Contract Fee	Monthly Customer	Total Bill	QCPAC Recoupment	
5/11/2023	3/31/2023	5/1/2023	14,146.07 \$	25,416.70 \$	1,092.40 \$	40,655.17 \$	34.54	
6/15/2023	5/1/2023	6/1/2023	12,566.75 \$	25,416.70 \$	1,092.40 \$	39,075.85 \$	185.76	
7/13/2023	6/1/2023	6/30/2023	\$ 12,619.02 \$	25,416.70 \$	1,092.40 \$	39,128.12 \$	186.48	
8/10/2023	6/30/2023	8/1/2023	\$ 12,806.98 \$	25,416.70 \$	1,092.40 \$	39,316.08 \$	189.03	
9/14/2023	8/1/2023	9/1/2023	\$ 13,399.65 \$	29,718.47 \$	1,207.21 \$	44,325.33 \$	198.65	
Totals			\$ 65,538.47 \$	131,385.27 \$	5,576.81 \$	202,500.55 \$	794.47	

Monthly Recoupment (over 3 months)- 264.82

**Anheuser Contract QCPAC Recoupment Calculation
100020308**

QCPAC Recoupment Calculation
Effective Date **4/26/2023**

Bill Date	Begin Read Date	End Read Date	Total Usage \$ to Bill	Monthly Customer	Total Bill	QCPAC Recoupment	QCPAC %	1.36%
5/11/2023	3/31/2023	5/1/2023	14,078.23	\$ 1,092.40	15,170.63	\$ 34.39		
6/15/2023	5/1/2023	6/1/2023	12,517.81	\$ 1,092.40	13,610.21	\$ 185.10		
7/13/2023	6/1/2023	6/30/2023	\$ 12,512.25	\$ 1,092.40	13,604.65	\$ 185.02		
8/10/2023	6/30/2023	8/1/2023	\$ 12,703.55	\$ 1,092.40	13,795.95	\$ 187.62		
9/14/2023	8/1/2023	9/1/2023	\$ 13,340.65	\$ 1,207.21	14,547.86	\$ 197.85		
Totals			\$ 65,152.49	5,576.81	70,729.30	\$ 789.98		

Monthly Recoupment (over 3 months)- 263.32