

**Pennichuck Water Works, Inc.**  
**DW 22-006**  
**Recoupment Calculations Methodology for PWW 2022 QCPAC**  
**Order No. 26,697 (October 11, 2022)**

PWW 2022 QCPAC  
Recoupment Calculation Filing  
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**All Customer classes to be surcharged individually based on customer charge, actual usage and fire protection at 1.80% QCPAC Surcharge**

The company will recoup from customers based on service rendered from 4/26/2022 through bills rendered 10/27/22. The recoupment is to be billed over 3 months

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

Pennichuck Water Works, Inc.  
DW 22-006  
Order No. 26,697 (October 11, 2022)

PWW 2022 QCPAC  
Recoupment Calculation Filing  
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**PWW QCPAC Recoupment -Service Rendered April 26, 2022  
through October 27, 2022 Bills**

<b>Customer Class</b>	<b>Recoupment</b>
<b>General Metered</b>	<b>\$ 294,647.99</b>
<b>Private Fire Protection</b>	<b>\$ 16,476.93</b>
<b>Municipal Fire Protection</b>	<b>\$ 34,087.67</b>
<b>Total Recoupment</b>	<b>\$ 345,212.59</b>

Pennichuck Water Works, Inc.  
 DW 22-006  
 Order No. 26,697 (October 11, 2022)  
 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, 2022 through bills issued October 27, 2022

QCPAC % Increase 1.80%

Effective Date: 4/26/2022  
 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
6/2/2022	16	64.16	24.34	-	-	88.50	4/25/2022	5/23/2022	30	27	1.0393	0.3943	-	-	1.43
7/7/2022	21	84.21	24.34	-	-	108.55			30	30	1.5157	0.4381	-	-	1.95
8/4/2022	15	60.15	24.34	-	-	84.49			30	30	1.0827	0.4381	-	-	1.52
9/8/2022	17	68.17	24.34	-	-	92.51			30	30	1.2270	0.4381	-	-	1.67
10/6/2022	15	60.15	24.34	-	-	84.49			30	30	1.0827	0.4381	-	-	1.52
	<b>Totals</b>	<b>336.84</b>	<b>121.70</b>	<b>-</b>	<b>-</b>	<b>458.54</b>					<b>5.9474</b>	<b>2.1467</b>	<b>-</b>	<b>-</b>	<b>8.09</b>
											<b>Monthly Recoupment (over 3 months)-</b>				<b>2.69</b>

Pennichuck Water Works, Inc.  
DW 22-006  
Order No. 26,697 (October 11, 2022)  
Recoupment Calculation

Account # 100112008

CWS HiLo 5/8"  
Week 3

Single Family Residential

Recoupment Calculations for QCPAC Increase

Service Rendered as of April 26, 2022 through bills issued October 27, 2022

QCPAC % Increase 1.80%

Effective Date: 4/26/2022

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
5/19/2022	1	4.01	24.34	-	-	28.35	4/12/2022	5/10/2022	30	14	0.0336	0.2044	-	-	0.24
6/16/2022	5	20.05	24.34	-	-	44.39			30	30	0.3609	0.4381	-	-	0.80
7/21/2022	4	16.04	24.34	-	-	40.38			30	30	0.2887	0.4381	-	-	0.73
8/18/2022	3	12.03	24.34	-	-	36.37			30	30	0.2165	0.4381	-	-	0.65
9/22/2022	2	8.02	24.34	-	-	32.36			30	30	0.1443	0.4381	-	-	0.58
10/20/2022	3	12.03	24.34	-	-	36.37			30	30	0.2165	0.4381	-	-	0.65
	<b>Totals</b>	<b>72.18</b>	<b>146.04</b>	<b>-</b>	<b>-</b>	<b>218.22</b>					<b>1.2605</b>	<b>2.3949</b>	<b>-</b>	<b>-</b>	<b>3.66</b>
											<b>Monthly Recoupment (over 3 months)-</b>			<b>1.21</b>	

Pennichuck Water Works, Inc.  
 DW 22-006  
 Order No. 26,697 (October 11, 2022)  
 Recoupment Calculation

Account # 100002199

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

PWW 2022 QCPAC  
 Recoupment Calculation Filing  
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**Recoupment Calculations for QCPAC Increase**

Service Rendered as of April 26, 2022 through bills issued October 27, 2022

QCPAC % Increase 1.80%

Effective Date: 4/26/2022

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
5/12/2022	40	160.40	111.80	178.75	-	450.95	4/1/2022	4/29/2022	30	3	0.2887	0.2012	0.3217	-	0.81
6/9/2022	50	200.50	111.80	178.75	-	491.05			30	30	3.6090	2.0124	3.2175	-	8.84
7/14/2022	50	200.50	111.80	178.75	-	491.05			30	30	3.6090	2.0124	3.2175	-	8.84
8/11/2022	50	200.50	111.80	178.75	-	491.05			30	30	3.6090	2.0124	3.2175	-	8.84
9/15/2022	60	240.60	111.80	178.75	-	531.15			30	30	4.3308	2.0124	3.2175	-	9.56
10/13/2022	40	160.40	111.80	178.75	-	450.95			30	30	2.8872	2.0124	3.2175	-	8.12
<b>Totals</b>		<b>1,162.90</b>	<b>670.80</b>	<b>1,072.50</b>	-	<b>2,906.20</b>					<b>18.3337</b>	<b>10.2632</b>	<b>16.4092</b>	-	<b>45.01</b>
											<b>Monthly Recoupment (over 3 months)-</b>				
											15.00				

Recoupment Calculations for QCPAC Increase

Service Rendered as of April 26, 2022 through bills issued October 27, 2022

QCPAC % Increase 1.80%

Effective Date: 4/26/2022

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	
5/26/2022	-	-	-	178.75	-	178.75	4/18/2022	5/17/2022	30	21	-	-	2.2522	-	2.25	
6/23/2022	-	-	-	178.75	-	178.75			30	30	-	-	3.2175	-	3.22	
7/28/2022	-	-	-	178.75	-	178.75			30	30	-	-	3.2175	-	3.22	
8/25/2022	-	-	-	178.75	-	178.75			30	30	-	-	3.2175	-	3.22	
9/29/2022	-	-	-	178.75	-	178.75			30	30	-	-	3.2175	-	3.22	
10/27/2022	-	-	-	178.75	-	178.75			30	30	-	-	3.2175	-	3.22	
<b>Totals</b>																
		-	-	1,072.50	-	1,072.50					-	-	18.3397	-	18.34	
											<b>Monthly Recoupment (over 3 months)-</b>					6.11

Account # 100000359      PWW    Nashua    1"                  Municipal  
 Week 3    Seasonal

Recoupment Calculations for QCPAC Increase  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase    1.80%

Effective Date: 4/26/2022  
 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
5/19/2022	12	48.12	40.15	-	-	88.27	4/18/2022	5/9/2022	30	13	0.3753	0.3131	-	-	0.69
6/16/2022	14	56.14	57.36	-	-	113.50			30	30	1.0105	1.0324	-	-	2.04
7/21/2022	13	52.13	57.36	-	-	109.49			30	30	0.9383	1.0324	-	-	1.97
8/18/2022	16	64.16	57.36	-	-	121.52			30	30	1.1548	1.0324	-	-	2.19
9/22/2022	50	200.50	57.36	-	-	257.86			30	30	3.6090	1.0324	-	-	4.64
10/20/2022	20	80.20	57.36	-	-	137.56			30	30	1.4436	1.0324	-	-	2.48
	<b>Totals</b>	<b>501.25</b>	<b>326.95</b>	<b>-</b>	<b>-</b>	<b>828.20</b>					<b>8.5315</b>	<b>5.4751</b>	<b>-</b>	<b>-</b>	<b>14.01</b>
											<b>Monthly Recoupment (over 3 months)-</b>			4.66	

initial bill for seasonal - prorated

Account # 100023123 PWW Nashua 6" Metered Industrial  
 Week 4

Recoupment Calculations for QCPAC Increase  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase 1.80%  
 Effective Date: 4/26/2022  
 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
5/26/2022	3,345	13,413.45	1,098.44	0.00	-	14,511.89	4/18/2022	5/16/2022	30	20	160.9614	13.1812	-	-	174.14
6/23/2022	3,085	12,370.85	1,098.44	0.00	-	13,469.29			30	30	222.6753	19.7719	-	-	242.45
7/28/2022	3,745	15,017.45	1,098.44	0.00	-	16,115.89			30	30	270.3141	19.7719	-	-	290.09
8/25/2022	4,120	16,521.20	1,098.44	0.00	-	17,619.64			30	30	297.3816	19.7719	-	-	317.15
9/29/2022	4,590	18,405.90	1,098.44	0.00	-	19,504.34			30	30	331.3062	19.7719	-	-	351.08
10/27/2022	3,815	15,298.15	1,098.44	0.00	-	16,396.59			30	30	275.3667	19.7719	-	-	295.14
	<b>Totals</b>	<b>91,027.00</b>	<b>6,590.64</b>	-	-	<b>97,617.64</b>					<b>1,558.0053</b>	<b>112.0407</b>	-	-	<b>1,670.05</b>
													<b>Monthly Recoupment (over 3 months)-</b>		<b>556.68</b>



Pennichuck Water Works, Inc.  
 DW 22-006  
 Order No. 26,697 (October 11, 2022)  
 Recoupment Calculation

Account # 100028766

PWW Nashua 4" Compound Commercial  
 Week 3

PWW 2022 QCPAC  
 Recoupment Calculation Filing  
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Recoupment Calculations for QCPAC Increase  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase 1.80%

Effective Date: 4/26/2022  
 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
5/19/2022	989	3,965.89	553.57	-	-	4,519.46	4/11/2022	5/9/2022	30	13	30.9339	4.3178	-	-	35.25
6/16/2022	1,004	4,026.04	553.57	-	-	4,579.61			30	30	72.4687	9.9642	-	-	82.43
7/21/2022	1,317	5,281.17	553.57	-	-	5,834.74			30	30	95.0610	9.9642	-	-	105.03
8/18/2022	1,078	4,322.78	553.57	-	-	4,876.35			30	30	77.8100	9.9642	-	-	87.77
9/22/2022	1,260	5,052.60	553.57	-	-	5,606.17			30	30	90.9468	9.9642	-	-	100.91
10/20/2022	1,072	4,298.72	553.57	-	-	4,852.29			30	30	77.3769	9.9642	-	-	87.34
	<b>Totals</b>	<b>26,947.20</b>	<b>3,321.42</b>	<b>-</b>	<b>-</b>	<b>30,268.62</b>					<b>444.5973</b>	<b>54.1388</b>	<b>-</b>	<b>-</b>	<b>498.74</b>
											<b>Monthly Recoupment (over 3 months)-</b>				<b>166.24</b>

Account # 100017736 PWW Nashua Public Hydrant  
 Week 4

Recoupment Calculations for QCPAC Increase  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase 1.80%

Effective Date: 4/26/2022  
 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
5/26/2022	-	-	-	-	278,209.48	278,209.48	4/18/2022	5/17/2022	30	21	-	-	-	3,505.4394	3,505.44
6/23/2022	-	-	-	-	278,209.48	278,209.48			30	30	-	-	-	5,007.7706	5,007.77
7/28/2022	-	-	-	-	278,209.48	278,209.48			30	30	-	-	-	5,007.7706	5,007.77
8/25/2022	-	-	-	-	278,209.48	278,209.48			30	30	-	-	-	5,007.7706	5,007.77
9/29/2022	-	-	-	-	278,209.48	278,209.48			30	30	-	-	-	5,007.7706	5,007.77
10/27/2022	-	-	-	-	278,209.48	278,209.48			30	30	-	-	-	5,007.7706	5,007.77
	<b>Totals</b>	-	-	-	<b>1,669,256.88</b>	<b>1,669,256.88</b>					-	-	-	<b>28,544.2924</b>	<b>28,544.29</b>
											Monthly Recoupment (over 3 months)-				9,514.76

Account # 100008591

PWW Nashua 5/8" Residential Single Family  
 Week 4 Transfer New Owner Date - 7/25/22

Recoupment Calculations for QCPAC Increase  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase 1.80%

Effective Date: 4/26/2022  
 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
5/26/2022		-		0.00	-	-	4/18/2022	5/16/2022	30	20	-	-	-	-	-
6/23/2022		-		0.00	-	-			30	30	-	-	-	-	-
7/28/2022		-		0.00	-	-			30	30	-	-	-	-	-
8/25/2022	4	16.04	17.04	0.00	-	33.08			30	30	0.2887	0.3067	-	-	0.60
9/29/2022	6	24.06	24.34	0.00	-	48.40			30	30	0.4330	0.4381	-	-	0.87
10/27/2022	6	24.06	24.34	0.00	-	48.40			30	30	0.4330	0.4381	-	-	0.87
	<b>Totals</b>	<b>64.16</b>	<b>65.72</b>	<b>-</b>	<b>-</b>	<b>129.88</b>					<b>1.1547</b>	<b>1.1829</b>	<b>-</b>	<b>-</b>	<b>2.34</b>
											<b>Monthly Recoupment (over 3 months)-</b>				<b>0.77</b>

\*\*customer charge is prorated for initial bill

6,697 (October 11, 2022)  
 Recoupment Calculation

Account # 100012322

PWW Merrimack 6"  
 Week 2

Anheuser Contract

Recoupment Calculations for QCPAC Increase

Effective Date: 4/26/2022  
 Service Rendered

Considered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase 1.80%

Actual Billed Amounts								Recoupment								
Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Contract fee	Total	Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Usage \$	Cust Charge	Priv FP	Pub FP	Contract fee	Total
16,240	18,162.82	1,098.44	-	-	29,718.47	48,979.73	4/1/2022	4/29/2022	30	3	32.6930	1.9771	-	-	-	34.67
15,770	17,637.17	1,098.44	-	-	29,718.47	48,454.08			30	30	317.4690	19.7719	-	-	-	337.24
16,710	18,688.46	1,098.44	-	-	29,718.47	49,505.37			30	30	336.3923	19.7719	-	-	-	356.16
16,075	17,978.28	1,098.44	-	-	29,718.47	48,795.19			30	30	323.6090	19.7719	-	-	-	343.38
18,880	21,115.39	1,098.44	-	-	29,718.47	51,932.30			30	30	380.0770	19.7719	-	-	-	399.85
15,915	17,799.34	1,098.44	-	-	29,718.47	48,616.25			30	30	320.3880	19.7719	-	-	-	340.16
<b>Totals</b>	<b>111,381.46</b>	<b>6,590.64</b>	-	-	<b>178,310.82</b>	<b>296,282.92</b>					<b>1,710.6283</b>	<b>100.8366</b>	-	-	-	<b>1,811.46</b>
											<b>Monthly Recoupment (over 3 months)-</b>					603.82

is not subject to QCPAC

not billed in original billing- adjusted for in Sept and included in this usage

is adjusted due to rate change in August which is retroactive to July 2021

Recoupment Calculations for QCPAC Increase

Service Rendered as of April 26, 2022 through bills issued October 27, 2022

QCPAC % Increase 1.80%

Effective Date: 4/26/2022  
 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
5/12/2022	16,448	18,395.44	1,098.44	-	-	19,493.88	4/1/2022	4/29/2022	30	3	33.1117	1.9771	-	-	35.09
6/9/2022	15,948	17,836.24	1,098.44	-	-	18,934.68			30	30	321.0523	19.7719	-	-	340.82
7/14/2022	16,892	18,892.01	1,098.44	-	-	19,990.45			30	30	340.0562	19.7719	-	-	359.83
8/11/2022	16,203	18,121.44	1,098.44	-	-	19,219.88			30	30	326.1858	19.7719	-	-	345.96
9/15/2022	19,193	21,465.45	1,098.44	-	-	22,563.89			30	30	386.3781	19.7719	-	-	406.15
10/13/2022	15,825	17,698.68	1,098.44	-	-	18,797.12			30	30	318.5762	19.7719	-	-	338.35
	<b>Totals</b>	<b>112,409.27</b>	<b>6,590.64</b>	<b>-</b>	<b>-</b>	<b>118,999.91</b>					<b>1,725.3603</b>	<b>100.8366</b>	<b>-</b>	<b>-</b>	<b>1,826.20</b>
											<b>Monthly Recoupment (over 3 months)-</b>				<b>608.73</b>

Contract Fee not subject to QCPAC

1403 CCF not billed in original billing- adjusted for in Sept and included in this usage

usage rate ws adjusted due to rate change in August which is retroactive to July 2021

Account # 100029202 PWW PEU Interconnect  
 Week 2

Recoupment Calculations for QCPAC Increase  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022  
 QCPAC % Increase 1.80%

Effective Date: 4/26/2022  
 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	Contract fee	Total					Usage \$	Cust Charge	Priv FP	Pub FP	Contract fee	Total
5/12/2022	18,791	26,018.02	42.46	-	-	10,101.00	36,161.48	4/1/2022	4/29/2022	30	3	46.8324	0.0764	-	-	-	46.91
6/9/2022	26,810	37,121.13	42.46	-	-	10,101.00	47,264.59			30	30	668.1802	0.7642	-	-	-	668.94
7/14/2022	27,484	38,054.35	42.46	-	-	10,101.00	48,197.81			30	30	684.9782	0.7642	-	-	-	685.74
8/11/2022	40,517	56,099.84	42.46	-	-	10,101.00	66,243.30			30	30	1,009.7970	0.7642	-	-	-	1,010.56
9/15/2022	35,818	49,593.60	42.46	-	-	10,101.00	59,737.06			30	30	892.6848	0.7642	-	-	-	893.45
10/13/2022	15,465	21,412.84	42.46	-	-	10,101.00	31,556.30			30	30	385.4311	0.7642	-	-	-	386.20
<b>Totals</b>		<b>228,299.77</b>	<b>254.76</b>	-	-	<b>60,606.00</b>	<b>289,160.53</b>					<b>3,687.9037</b>	<b>3.8974</b>	-	-	-	<b>3,691.80</b>
												<b>Monthly Recoupment (over 3 months)-</b>					1,230.60

Contract Fee not subject to QCPAC

Pennichuck Water Works, Inc.  
 DW 22-006  
 Order No. 26,697 (October 11, 2022)  
 Recoupment Calculation

Account # 100022757 PWW Hudson Contract  
 Week 2

Recoupment Calculations for QCPAC Increase Effective Date: 4/26/2022  
 Service Rendered as of April 26, 2022 through bills issued October 27, 2022 Service Rendered  
 QCPAC % Increase 1.80%

		Actual Billed Amounts											Recoupment					
Bill Date	Actual Usage	Usage \$	Cust Charge	Priv FP	Pub FP	Contract fee	Total	Prev Read Date	Present Read Date	# of cycle days	# of days subject to QCPAC	Usage \$	Cust Charge	Priv FP	Pub FP	Contract fee	Total	
5/12/2022	800	2,037.92	-	-	-	2,733.33	4,771.25	4/1/2022	4/29/2022	30	3	3.6682	-	-	-	-	3.67	
5/12/2022	17,773	45,274.94	-	-	-	2,733.33	48,008.27	4/8/2022	5/3/2022	30	7	190.1547	-	-	-	-	190.15	
6/9/2022	47,245	120,351.91	-	-	-	2,733.33	123,085.24			30	30	2,166.3344	-	-	-	-	2,166.33	
7/14/2022	55,540	141,482.60	-	-	-	2,733.33	144,215.93			30	30	2,546.6867	-	-	-	-	2,546.69	
8/11/2022	51,960	132,362.90	-	-	-	2,733.33	135,096.23			30	30	2,382.5322	-	-	-	-	2,382.53	
9/15/2022	78,050	198,824.57	-	-	-	2,733.33	201,557.90			30	30	3,578.8422	-	-	-	-	3,578.84	
10/13/2022	46,345	118,059.25	-	-	-	2,733.33	120,792.58			30	30	2,125.0665	-	-	-	-	2,125.07	
<b>Totals</b>		<b>758,394.10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19,133.31</b>	<b>777,527.41</b>					<b>12,993.2849</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12,993.28</b>	
																	<b>Monthly Recoupment (over 3 months)-</b>	4,331.09

Contract Fee not subject to QCPAC

one bill but seperated as two different read dates