

**Region of Queens Municipality Water Utility**  
**Water Rate Study**

Prepared By

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in Association with

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**INDEX**

NOTES TO WORKSHEETS

WORKSHEETS B-1 TO D-2

SCHEDULES A, B, AND C – RATES AND CHARGES

SCHEDULE D – RULES AND REGULATIONS

**REGION OF QUEENS MUNICIPALITY WATER UTILITY**  
**NOTES ON WORKSHEETS**  
**SUPPLEMENTAL NOTES ON WORKSHEETS**

**WORKSHEET B-1**

The Utility is requesting Earnings in the 2026/27 (\$150,000) and 2027/28 (\$140,000) to pay down the existing deficit which is projected to be \$1,015,550 at the end of the first test year (Worksheet D-1).

**WORKSHEET B-3**

The Utility is requesting that the Depreciation on the Transmission ( $\$739,439 \times 0.01333 = \$9,857$ ) and Distribution ( $\$2,836,178 \times 0.01333 = \$37,806$ ) Mains in 2025/26 be delayed until 2026/27. This request is made for rate design purposes.

**WORKSHEET C-3**

Transmission and Distribution is allocated 100% to Base and 0% to Delivery in 2025/26 and 80% to Base and 20% to Delivery in 2026/27 and 2027/28. The Handbook allocation is 100% to Delivery. The Depreciation and the Return on Rate Base is allocated 100% to Base in all three test years. The Handbook allocation is 40% to Base, 30% to Delivery and 30% to Production. The allocations in the rate study result in projected revenue from the Base charge at 37% in 2025/26, 40% in 2026/27, and 39% in 2027/28. All of the other allocations on Worksheet C-3 follow the Handbook. The allocations in the rate study are requested for rate design purposes.

**WORKSHEET C-4**

The total number of customers is not projected to increase in the test years.

**WORKSHEET C-6**

The average consumption for 5/8-inch customers has declined since the previous rate study by 3.5% per year to 134 cubic metres. The current rate study includes an annual reduction of 2.0% per year for each of the test years. This rate of reduction results in a projected average consumption rate of 126 cubic meters per year in the final test year.

**WORKSHEET D-2**

The metered sales revenue for 2025/26 (\$930,354) is based on 6 months at the existing rates on Worksheet B-1 ( $\$603,300 \times 50\% = \$301,650$ ) plus 6 months at the projected rates for metered sales from Worksheet C-8 ( $\$1,257,408 \times 50\% = \$628,704$ ).

The fire Protection Charge in 2025/26 (\$305,393) is based on 6 months at the existing rates on Worksheet B-1 ( $\$209,187 \times 50\% = \$104,594$ ) plus 6 months at the calculated rate from Worksheet C-1 ( $\$401,599 \times 50\% = \$200,800$ ).

## GENERAL NOTES ON WORKSHEETS

### **Worksheet B-1**

This worksheet includes a summary of the operating revenues, operating expenditures, non-operating revenues and non-operating expenditures for the years 23/24 (actual) and 24/25 (Projected) as provided by the Utility.

Operating Revenues - The operating revenue for 25/26, 26/27, and 27/28 is based on the Utility's budget. The revenue includes no projected growth of new customers. The fire protection rate is based on rate calculated by the Utility.

Operating Expenditures - The projection of expenses for the test years is as derived from Worksheet B-2a/2b/2c/2d/2e. The Depreciation has been calculated based on the addition of the planned infrastructure.

Non-operating Revenues – There is non-operating revenue projected during the test years based on the Utility's budget for interest and other non-operating revenue.

Non-operating Expenditures – The non-operating expenditures include interest and principal on the existing debt and earnings.

Accumulated Surplus (Deficit) The Utility has a projected deficit in all test years.

### **Worksheet B-2**

This worksheet takes the information from Worksheet B-1 to develop revenue requirements for the years for 25/26, 26/27, and 27/28.

### **Worksheet B-2a/2b/2c/2d/2e**

This worksheet provides the breakdown of the estimated operating expenditures as provided by the Utility for the year 24/25. The projected expenditures for the years for 25/26, 26/27, and 27/28 are taken from information provided by the Utility and are based on projected budgets or an increase from the previous year based on 3% for inflation.

### **Worksheet B-3**

This worksheet calculates the depreciation per year and the depreciation fund balance based on the proposed capital works for the years 24/25, 25/26, 26/27, and 27/28. The depreciation fund balance for the year 23/24 is taken from the Financial Statements.

### **Worksheet B-4**

This worksheet is used for the projected capital contribution.

## **Worksheet B-5**

This worksheet allocates the assets of the Utility between general service and fire protection. Each year includes the addition of the proposed capital works identified in Worksheet B-3. Production assets are allocated 90% general service and 10% fire protection. Demand assets are allocated 40% general service and 60% fire protection.

## **Worksheet C-1**

This worksheet uses the percentage of total assets allocated to fire protection from Worksheet B-5 to determine the allocation of transmission and distribution; depreciation, taxes and return on rate base to the fire protection charge. The remaining expenses are allocated at 10% to fire protection.

## **Worksheet C-2**

This worksheet calculates the return on rate base

## **Worksheet C-3**

This worksheet allocates expenses among customer charge, base charge, delivery and production.

## **Worksheet C-4**

This worksheet sets out the number and size of meters in the Utility and by use of the capacity ratio establishes the system equivalents.

## **Worksheet C-5**

This worksheet uses the information from Worksheet's C-3 and C-4 to calculate quarterly base charge for each size of meter.

## **Worksheet C-6**

This worksheet sets out the water consumption by meter size. The data for current year is based on information provided by the Utility.

## **Worksheet C-7**

This worksheet uses information from Worksheet's C-3 and C-6 to calculate the consumption charge for years 25/26, 26/27, and 27/28.

## **Worksheet C-8**

This worksheet is used as a check to determine that the potential revenues will be the same as the requirements on Worksheet C-3.

**Worksheet D-1**

This worksheet is a comparison of existing and proposed rates.

**Worksheet D-2**

This worksheet provides a comparative statement of Operations for the current year as well as the test years.

**Region of Queens Municipality Water Utility  
Comparitive Statement of Operations**

Fiscal Years ending March 31st

	2023/24 (Actual)	2024/25 (Projected)	Projection Using Current Rates		
			2025/26 Test	2026/27 Test	2027/28 Test
<b>OPERATING REVENUES</b>					
Metered Sales	562,383	603,300	603,300	603,300	603,300
Public Fire Protection	201,531	209,187	209,187	209,187	209,187
Sprinkler Service	5,400	5,400	5,400	5,454	5,509
Plate Fee & Shut Off	3,660	4,300	4,400	4,400	4,400
Lateral Connection Fee	360				
Connection Fee	3,515	2,600	3,000	3,000	3,000
Bulk Water Sales	0	0	0	0	0
Other	0				
<b>Total</b>	<b>776,849</b>	<b>824,787</b>	<b>825,287</b>	<b>825,341</b>	<b>825,396</b>
<b>OPERATING EXPENDITURES</b>					
Source of Supply	12,304	23,100	108,272	36,019	36,844
Water Treatment	851,729	670,628	776,135	773,608	804,401
Transmission and Distribution	231,703	145,205	470,801	453,776	468,795
Administration and General	116,671	89,311	107,949	98,743	101,625
Depreciation	112,415	115,717	129,217	189,026	193,151
Taxes			0	0	0
<b>Total</b>	<b>1,324,822</b>	<b>1,043,961</b>	<b>1,592,374</b>	<b>1,551,171</b>	<b>1,604,816</b>
	0				
<b>OPERATING PROFIT (LOSS)</b>	<b>-547,973</b>	<b>-219,174</b>	<b>-767,087</b>	<b>-725,830</b>	<b>-779,420</b>
<b>NON-OPERATING REVENUES</b>					
Interest	19,846	20,000	15,000	15,000	15,000
Other	100,974				
<b>Total</b>	<b>120,820</b>	<b>20,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>
<b>NON-OPERATING EXPENDITURES</b>					
Debt Charges - Principal	43,426	43,426	59,689	66,689	66,689
Debt Charges - Interest	6,090	9,586	13,222	12,444	10,678
New Debt - Principal	0	0	2,494	2,606	2,724
New Debt - Interest	0	0	3,521	3,409	3,291
New Debt - Principal	0		0	0	0
New Debt - Interest	0		0	0	0
New Debt - Principal	0		0	0	0
New Debt - Interest	0		0	0	0
New Debt - Principal	0		0	0	0
New Debt - Interest	0		0	0	0
Interest on Deficit to the Municipality	0		15,507	25,580	22,060
Capital out of Revenue	0		0	0	
Earnings	0		0	150,000	140,000
<b>Total</b>	<b>49,516</b>	<b>53,012</b>	<b>94,433</b>	<b>260,728</b>	<b>245,442</b>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES</b>	<b>(476,669)</b>	<b>(252,186)</b>	<b>(846,520)</b>	<b>(971,558)</b>	<b>(1,009,862)</b>
<b>SURPLUS/(DEFICIT) AT BEGINNING OF FISCAL YEAR</b>	<b>211,943</b>	<b>(264,726)</b>	<b>(516,912)</b>	<b>(1,363,432)</b>	<b>(2,334,991)</b>
<b>ACCUMULATED SURPLUS/(DEFICIT)</b>	<b>(264,726)</b>	<b>(516,912)</b>	<b>(1,363,432)</b>	<b>(2,334,991)</b>	<b>(3,344,853)</b>

**Worksheet B-2**

16-Jun-25

<b>Region of Queens Municipality Water Utility Statement of Operating Expenditures and Revenue Requirements</b>				
	<b>2024/25 (Projected)</b>	<b>2025/26 Test</b>	<b>2026/27 Test</b>	<b>2027/28 Test</b>
<b>OPERATING EXPENDITURES</b>				
Source of Supply	23,100	108,272	36,019	36,844
Water Treatment	670,628	776,135	773,608	804,401
Transmission and Distribution	145,205	470,801	453,776	468,795
Administration and General	89,311	107,949	98,743	101,625
Depreciation	115,717	129,217	189,026	193,151
Taxes	0	0	0	0
<b>Total</b>	<b>1,043,961</b>	<b>1,592,374</b>	<b>1,551,171</b>	<b>1,604,816</b>
<b>NON OPERATING EXPENSES</b>				
Debt Charges - Principal	43,426	59,689	66,689	66,689
Debt Charges - Interest	9,586	13,222	12,444	10,678
New Debt - Principal	0	2,494	2,606	2,724
New Debt - Interest	0	3,521	3,409	3,291
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
Interest on Deficit to the Municipality	0	15,507	25,580	22,060
Capital out of Revenue	0	0	0	0
Earnings	0	0	150,000	140,000
<b>Total</b>	<b>53,012</b>	<b>94,433</b>	<b>260,728</b>	<b>245,442</b>
<b>LESS NON-OPERATING REVENUES</b>				
Interest Income	20,000	15,000	15,000	15,000
Other revenue	0	0	0	0
<b>Total</b>	<b>20,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>
<b>LESS OTHER OPERATING REVENUE</b>				
Sprinkler Service	5,400	5,400	5,454	5,509
Plate Fee & Shut Off	4,300	4,400	4,400	4,400
Lateral Connection	0	0	0	0
Connection Fee	2,600	3,000	3,000	3,000
Bulk Water Sales	0	0	0	0
Other	0	0	0	0
<b>Total</b>	<b>12,300</b>	<b>12,800</b>	<b>12,854</b>	<b>12,909</b>
<b>REVENUE REQUIRED FROM FIRE PROTECTION AND WATER CUSTOMERS</b>				
	<b>1,064,673</b>	<b>1,659,007</b>	<b>1,784,045</b>	<b>1,822,349</b>

<b>Region of Queens Municipality Water Utility</b>				
<b>Statement of Operating Expenditures</b>				
	<b>2024/25 (Projected)</b>	<b>2025/26 Test Year</b>	<b>2026/27 Test Year</b>	<b>2027/28 Test Year</b>
<b>SOURCE OF SUPPLY</b>				
Supervision and Engineering	12,000	28,335	29,043	29,769
Reservoir Insurance	2,000	1,937	1,976	2,075
Lake Inspections		70,000	1,000	1,000
Screen Maintenance - Labour	7,600	6,500	2,500	2,500
Screen House Maintenance	1,500	-	-	-
Wildlife Management	0	1,500	1,500	1,500
Other	0	0	0	0
<b>TOTAL SOURCE OF SUPPLY</b>	<b>23,100</b>	<b>108,272</b>	<b>36,019</b>	<b>36,844</b>
<b>WATER TREATMENT (Purification)</b>				
Salaries and Benefits - Assistant Engineer 15%	13,000	63,840	65,436	67,072
Salaries and Benefits - Director of Engineering 5%	7,000	-	-	
Labour	133,000	104,280	106,887	109,559
Chemicals and Additives	165,000	208,000	218,400	229,320
Water Testing	26,600	30,000	31,500	33,075
Facility Repairs and Maintenance	55,000	79,500	47,500	47,500
Process Equipment	145,000	114,275	119,989	125,988
Electricity	104,000	103,370	107,505	111,805
Generator	3,000	5,200	5,460	5,733
Phone/Internet	1,000	3,720	3,832	3,947
Contracted Services	6,000	50,475	52,999	55,649
Allocated Services	12,028	13,475	14,101	14,754
Other	0	0	0	0
<b>TOTAL WATER TREATMENT</b>	<b>670,628</b>	<b>776,135</b>	<b>773,608</b>	<b>804,401</b>
<b>TRANSMISSION AND DISTRIBUTION</b>				
Salaries and Benefits - Assistant Engineer 5%	12,000	22,910	23,483	24,070
Salaries and Benefits - Director of Engineering 5%	-	-	-	
Reading Meters Expense	900	23,170	23,749	24,343
Labour - Mains	40,000	37,080	38,007	38,957
Labour - Meters	1,300	14,840	15,211	15,591
Labour - Water Leaks	15,000	99,450	101,936	104,485
Labour - Flushing	1,440	8,380	8,590	8,804
Other - Labour	-	43,350	44,434	45,545
Maintenance of Mains (Materials)	9,000	39,180	41,139	43,196
Use of Gravel	500	25,000	26,250	27,563
Maintenance of Meters	6,000	2,500	2,625	2,756
Maintenance of Hydrants/Valves	4,000	30,000	31,500	33,075
Maintenance Hydrant/Valves-Labour	4,000	18,000	18,450	18,911
Street Patching	20,000	30,000	31,500	33,075
Leak Detection	-	40,000	10,000	10,000
Cowie Well - Public Tap	3,000	5,500	4,000	4,000
Allocated Services	28,065	31,441	32,902	34,425
Other	0	0	0	0
<b>TOTAL TRANSMISSION AND DISTRIBUTION</b>	<b>145,205</b>	<b>470,801</b>	<b>453,776</b>	<b>468,795</b>

**Worksheet B-2a/2b/2c/2d/2e**

<b>ADMINISTRATION AND GENERAL</b>				
Accounts Written-off	-	0	0	0
Office Salaries	56,650	58,066	59,518	61,006
Office Supplies and Expenses	2,000	2,000	2,060	2,122
Contracting Services	300	2,400	2,472	2,546
Advertising Expense	8,600	4,250	4,378	4,509
Courses and Seminars	150	9,000	9,270	9,548
Water Rate Study & Hearing	-	12,000		
Auditors	6,000	6,900	7,107	7,320
Legal	-	500	500	500
UARB Utility Levy	1,741	1,793	1,847	1,902
Insurance	13,870	11,040	11,592	12,172
Other	0	0	0	0
<b>TOTAL ADMINISTRATION AND GENERAL</b>	<b>89,311</b>	<b>107,949</b>	<b>98,743</b>	<b>101,625</b>

16-Jun-25

<b>Region of Queens Municipality Water Utility</b> <b>Calculation of Depreciation of Tangible Plant at Total Cost</b> <b>2024/25</b>				
	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
			Depreciation Rate in Previous Year	112,415
<b>LAND AND LAND RIGHTS</b>				
Source of Supply Land	0			0
Land - General	0			0
<b>STRUCTURES AND IMPROVEMENTS</b>				0
Source of Supply Structures Flood Study	0		0.02	0
Power and Pumping Structures	0		0.04	0
Treatment Plant	0		0.05	0
Distribution Reservoirs and Standpipes	0	0	0.05	0
Wells	0	0	0.0333	0
Other	0	0	0.04	0
<b>Equipment</b>				0
Electrical Pumping	0	0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment	0			0
Transportation Equipment	0	0	0.1	0
Tools and Work Equipment	0		0.1	0
Software / Scada system	0	0	0.1333	0
Control and Monitoring equipment - SCADA	0	0	0.1	0
Digital Mapping	0	0	0	0
Generator	0	0	0.025	0
<b>Mains</b>				0
Transmission	0	0	0.01333	0
Distribution	247,718	169,475	0.01333	3,302
<b>Meters</b>	0	0	0.05	0
<b>Hydrants</b>	0	0	0.0133	0
Sprinkler Connections	0	0		0
<b>Services</b>	0	0	0.02	0
<b>Other</b>	0	0	0.333	0
<b>TOTAL</b>	<b>247,718</b>	<b>169,475</b>		<b>3,302</b>
<b>Source of Funding</b>				
			Depreciation Fund Balance beginning of year	1,018,790
Funding from Outside Sources	169,475		Interest on Fund balance	15,282
Depreciation fund	0		Fund balance before expenditures	1,034,072
Long Term Debt	78,243		Depreciation Fund Payment	0
Capital out of revenue	0		Contribution during the year	115,717
<b>TOTAL</b>	<b>247,718</b>		Balance after Expenditure	<b>1,149,789</b>

<b>Region of Queens Municipality Water Utility</b> <b>Calculation of Depreciation of Tangible Plant at Total Cost</b> <b>2025/26</b>				
	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
			Depreciation Rate in Previous Year	115,717
<b>LAND AND LAND RIGHTS</b>				
Source of Supply Land	0			0
Land - General				0
<b>STRUCTURES AND IMPROVEMENTS</b>				0
Source of Supply Structures Flood Study	0		0.01333	0
Power and Pumping Structures	0		0.05	0
Treatment Plant	0		0.05	0
Distribution Reservoirs and Standpipes	0	0	0.02	0
Wells	0	0	0.0333	0
Other	0		0.04	0
<b>Equipment</b>	0			0
Electrical Pumping	0	0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment	0		0.1	0
Transportation Equipment	0	0	0.1	0
Tools and Work Equipment	0		0.1	0
Software / computers	135,000		0.1	13,500
Control and Monitoring equipment	0	0	0	0
Digital Mapping	0	0	0.1	0
Bulk Water Station	0		0.04	0
<b>Mains</b>				
Transmission	739,439		0.01333	0
Distribution	2,836,178	2,836,179	0.01333	0
<b>Meters</b>	0	0	0.05	0
<b>Hydrants</b>	0	0	0.0133	0
Sprinkler Connections	0	0		0
<b>Services</b>	0	0	0.02	0
<b>Other</b>	0	0	0.333	0
<b>TOTAL</b>	<b>3,710,617</b>	<b>2,836,179</b>	<b>1</b>	<b>13,500</b>
<b>Source of Funding</b>				
		Depreciation Fund Balance beginning of year		1,149,789
Funding from Outside Sources	2,836,179	Interest on Fund balance		17,247
Depreciation fund	874,439	Fund balance before expenditures		1,167,036
Long Term Debt	0	Depreciation Fund Payment		(874,439)
Capital out of revenue	0	Contribution during the year		129,217
<b>TOTAL</b>	<b>3,710,617</b>	Balance after Expenditure		<b>421,814</b>

<b>Region of Queens Municipality Water Utility</b> <b>Calculation of Depreciation of Tangible Plant at Total Cost</b> <b>2026/27</b>				
	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
			Depreciation Rate in Previous Year	129,217
			Depreciation for 2025/26 Transmission and Distribution Mains	47,663
<b>LAND AND LAND RIGHTS</b>				
Source of Supply Land	0	0	0	0
Source Water Protection				0
<b>STRUCTURES AND IMPROVEMENTS</b>				
Source of Supply Structures Flood Study	0	0	0.01333	0
Power and Pumping Structures	0	0	0.02	0
Treatment Plant	0	0	0	0
Distribution Reservoirs and Standpipes	0	0	0.01333	0
Wells	0	0	0.04	0
Other	0	0	0.04	0
<b>Equipment</b>		0		0
Electrical Pumping	0	0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment	0	0	0.05	0
Transportation Equipment	0	0	0	0
Tools and Work Equipment	0	0	0.1	0
Software / computers	0	0	0.1	0
Monitoring equipment SCADA Upgrades	0	0	0.1	0
Digital Mapping	0	0	0	0
Surge Tank	0	0	0.02	0
<b>Mains</b>		0		0
Transmission	523,769	0	0.01333	6,982
Distribution	387,384	387,384	0.01333	5,164
<b>Meters</b>	0	0	0.05	0
<b>Hydrants</b>	0	0	0.01333	0
Sprinkler Connections	0			0
<b>Services</b>	0	0	0.02	0
<b>Other</b>	0		0.02	0
<b>TOTAL</b>	<b>911,153</b>	<b>387,384</b>		<b>12,146</b>
<b>Source of Funding</b>				
			Depreciation Fund Balance beginning of year	421,814
Funding from Outside Sources	387,384		Interest on Fund balance	6,327
Depreciation fund	523,769		Fund balance before expenditures	428,141
Long Term Debt	0		Depreciation Fund Payment	(523,769)
Capital out of revenue	0		Contribution during the year	189,026
<b>TOTAL</b>	<b>911,153</b>		Balance after Expenditure	<b>93,398</b>

<b>Region of Queens Municipality Water Utility</b> <b>Calculation of Depreciation of Tangible Plant at Total Cost</b> <b>2027/28</b>				
	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
			Depreciation Rate in Previous Year	189,026
<b>LAND AND LAND RIGHTS</b>				
Source of Supply Land	0			0
Land - General				0
<b>STRUCTURES AND IMPROVEMENTS</b>				
Source of Supply Structures Flood Study	0		0.01333	0
Power and Pumping Structures				0
Treatment Plant			0.05	0
Distribution Reservoirs and Standpipes		0	0.1	0
Wells	0	0	0.04	0
Other	0		0.04	0
<b>Equipment</b>				
Electrical Pumping		0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment				0
Transportation Equipment	0	0	0.1	0
Tools and Work Equipment	0		0.1	0
Software / computers	0		0.2	0
Control and Monitoring equipment				0
Digital Mapping		0	0.05	0
Generator				0
<b>Mains</b>				
Transmission	0		0.01333	0
Distribution	309,435	309,435	0.01333	4,125
<b>Meters</b>				
	0		0.05	0
<b>Hydrants</b>				
	0	0	0.0133	0
<b>Sprinkler Connections</b>				
	0			0
<b>Services</b>				
	0	0	0.02	0
<b>Other</b>				
	0	0	0.333	0
<b>TOTAL</b>	<b>309,435</b>	<b>309,435</b>	<b>1</b>	<b>4,125</b>
<b>Source of Funding</b>				
		Depreciation Fund Balance beginning of year		93,398
Funding from Outside Sources	309,435	Interest on Fund balance		1,401
Depreciation fund	0	Fund balance before expenditures		94,799
Long Term Debt	0	Depreciation Fund Payment		0
Capital out of revenue	0	Contribution during the year		193,151
<b>TOTAL</b>	<b>309,435</b>	Balance after Expenditure		<b>287,950</b>

**Region of Queens Municipality Water Utility**  
**Calculation of Amortization on Capital Contributions (to Plant)**  
**2024/25**

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.0000	0
Land - General	0	0.0000	0
STRUCTURES AND IMPROVEMENTS			
Source of Supply Structures Flood Study	0	0.0200	0
Power and Pumping Structures	0	0.0400	0
Treatment Plant	0	0.0500	0
Distribution Reservoirs and Standpipes	0	0.0500	0
Test Well	0	0.0333	0
Other	0	0.0400	0
<b>Equipment</b>			
Electrical Pumping	0	0.0500	0
Purification Equipment	0	0.0500	0
Office Furniture and Equipment	0	0.0000	0
Transportation Equipment	0	0.1000	0
Tools and Work Equipment	0	0.1000	0
Software / Scada system	0	0.1333	0
Control and Monitoring equipment	0	0.1000	0
Digital Mapping	0	0.0000	0
Generator	0	0.0250	0
<b>Mains</b>	0	0.0000	0
Transmission	0	0.0133	0
Distribution	169,475	0.0133	2,259
<b>Meters</b>	0	0.0500	0
<b>Hydrants</b>	0	0.0133	0
Sprinkler Connections	0	0.0000	0
<b>Services</b>	0	0.0200	0
<b>Other</b>	0	0.3330	0
<b>TOTAL</b>	169,475		2,259

**Region of Queens Municipality Water Utility**  
**Calculation of Amortization on Capital Contributions (to Plant)**  
**2025/26**

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS		0.0000	0
Source of Supply Land	0	0.0000	0
Land - General	0	0.0000	0
STRUCTURES AND IMPROVEMENTS			
Source of Supply Structures Flood Study	0	0.0500	0
Power and Pumping Structures	0	0.0500	0
Treatment Plant	0	0.0200	0
Distribution Reservoirs and Standpipes	0	0.0330	0
Test Well	0	0.0400	0
Other	0	0.0000	0
<b>Equipment</b>			
Electrical Pumping	0	0.0500	0
Purification Equipment	0	0.1000	0
Office Furniture and Equipment	0	0.1000	0
Transportation Equipment	0	0.1000	0
Tools and Work Equipment	0	0.1000	0
Software / computers	0	0.1000	0
Control and Monitoring equipment	0	0.0000	0
Digital Mapping	0	0.1000	0
Generator	0	0.0400	0
<b>Mains</b>			
Transmission	0	0.0133	0
Distribution	2,836,179	0.0133	37,806
<b>Meters</b>	0	0.0500	0
<b>Hydrants</b>	0	0.0133	0
Sprinkler Connections	0	0.0000	0
<b>Services</b>	0	0.0200	0
<b>Other</b>	0	0.0000	0
<b>TOTAL</b>	2,836,179		37,806

**Region of Queens Municipality Water Utility**  
**Calculation of Amortization on Capital Contributions (to Plant)**  
**2026/27**

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.0000	0
Land - General	0	0.0000	0
STRUCTURES AND IMPROVEMENTS			
Source of Supply Structures Flood Study	0	0.0133	0
Power and Pumping Structures	0	0.0200	0
Treatment Plant	0	0.0000	0
Distribution Reservoirs and Standpipes	0	0.0133	0
Test Well	0	0.0400	0
Other	0	0.0400	0
<b>Equipment</b>			
Electrical Pumping	0	0.0500	0
Purification Equipment	0	0.0500	0
Office Furniture and Equipment	0	0.0500	0
Transportation Equipment	0	0.0000	0
Tools and Work Equipment	0	0.1000	0
Software / computers	0	0.1000	0
Control and Monitoring equipment	0	0.1000	0
Digital Mapping	0	0.0000	0
Surge tank	0	0.0200	0
<b>Mains</b>	0		0
Transmission	0	0.0133	0
Distribution	387,384	0.0133	5,164
<b>Meters</b>	0	0.0133	0
<b>Hydrants</b>	0	0.0500	0
Sprinkler Connections	0	0.0133	0
<b>Services</b>	0	0.0000	0
<b>Other</b>	0	0.0200	0
<b>TOTAL</b>	387,384		5,164

**Region of Queens Municipality Water Utility**  
**Calculation of Amortization on Capital Contributions (to Plant)**  
**2027/28**

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.0000	0
Land - General	0	0.0000	0
STRUCTURES AND IMPROVEMENTS			
Source of Supply Structures Flood Study	0	0.0133	0
Power and Pumping Structures	0	0.0000	0
Treatment Plant	0	0.0500	0
Distribution Reservoirs and Standpipes	0	0.1000	0
Test Well	0	0.0400	0
Other	0	0.0400	0
<b>Equipment</b>			
Electrical Pumping	0	0.0500	0
Purification Equipment	0	0.0500	0
Office Furniture and Equipment	0	0.0000	0
Transportation Equipment	0	0.1000	0
Tools and Work Equipment	0	0.1000	0
Software / Scada system	0	0.2000	0
Control and Monitoring equipment	0	0.0000	0
Digital Mapping	0	0.0500	0
Generator	0	0.0000	0
<b>Mains</b>			
Transmission	0	0.0133	0
Distribution	309,435	0.0133	4,125
<b>Meters</b>	0	0.0500	0
<b>Hydrants</b>	0	0.0133	0
Sprinkler Connections	0	0.0000	0
<b>Services</b>	0	0.0200	0
<b>Other</b>	0	0.3330	0
<b>TOTAL</b>	309,435		4,125

<b>Region of Queens Municipality Water Utility</b> <b>Allocation of the Total Cost of Utility Plant in Service</b> <b>Between General Service and Fire Protection</b> <b>2024/25</b>							
	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
<b>Intangible Plant</b>							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
<b>Tangible Plant</b>							
<b>LAND AND LAND RIGHTS</b>							
Source of Supply Land	-	-	-	90.0%	0	10.0%	0
Land - General	853,674	-	853,674	90.0%	768,307	10.0%	85,367
<b>STRUCTURES AND IMPROVEMENTS</b>							
Structures and Improvements	781,869	-	781,869	90.0%	703,682	10.0%	78,187
Collecting and Impounding Reservoir	-	-	-	90.0%	0	10.0%	0
Treatment Plant	875,736	-	875,736	90.0%	788,162	10.0%	87,574
Distribution Reservoirs and Standpipes	364,939	-	364,939	40.0%	145,976	60.0%	218,963
General Improvements	-	-	-	90.0%	0	10.0%	0
Wells	-	-	-	90.0%	0	10.0%	0
Source Water Protection Plan	-	-	-	90.0%	0	10.0%	0
<b>Equipment</b>							
Electrical Pumping	-	-	-	90.0%	0	10.0%	0
Purification Equipment	-	-	-	90.0%	0	10.0%	0
Office Furniture and Equipment	-	-	-	90.0%	0	10.0%	0
Transportation Equipment	69,290	-	69,290	90.0%	62,361	10.0%	6,929
Tools and Work Equipment	983,430	-	983,430	90.0%	885,087	10.0%	98,343
Software / computers	-	-	-	90.0%	0	10.0%	0
Control and Monitoring equipment	-	-	-	90.0%	0	10.0%	0
Digital Mapping	-	-	-	90.0%	0	10.0%	0
Surge Tank	-	-	-	90.0%	0	10.0%	0
<b>Mains</b>							
Transmission	892,751	-	892,751	40.0%	357,100	60.0%	535,651
Distribution	4,684,177	247,718	4,931,895	40.0%	1,972,758	60.0%	2,959,137
<b>Meters</b>	148,880	-	148,880	100.0%	148,880	0.0%	0
<b>Hydrants</b>	43,963	-	43,963	0.0%	0	100.0%	43,963
		-	-	0.0%	0	100.0%	0
<b>Services</b>	173,626	-	173,626	100.0%	173,626	0.0%	0
<b>Other</b>	-	-	-	90.0%	0	10.0%	0
<b>TOTAL</b>	<b>9,872,335</b>	<b>247,718</b>	<b>10,120,053</b>	<b>59.3%</b>	<b>6,005,939</b>	<b>40.7%</b>	<b>4,114,114</b>

<b>Region of Queens Municipality Water Utility</b> <b>Allocation of the Total Cost of Utility Plant in Service</b> <b>Between General Service and Fire Protection</b> <b>2025/26</b>							
	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
<b>Intangible Plant</b>							
Organization and Working Capital	-	-	-	100.0%	0	0.0%	0
<b>Tangible Plant</b>	-	-	-				
<b>LAND AND LAND RIGHTS</b>	-	-	-				
Source of Supply Land	-	-	-	90.0%	0	10.0%	0
Land - General	853,674	-	853,674	90.0%	768,307	10.0%	85,367
<b>STRUCTURES AND IMPROVEMENTS</b>	-	-	-		0		0
Source of Supply Structures	781,869	-	781,869	90.0%	703,682	10.0%	78,187
Power and Pumping Structures	-	-	-	90.0%	0	10.0%	0
Treatment Plant	875,736	-	875,736	90.0%	788,162	10.0%	87,574
Distribution Reservoirs and Standpipes	364,939	-	364,939	40.0%	145,976	60.0%	218,963
General Improvements	-	-	-	90.0%	0	10.0%	0
Source Water Protection Plan	-	-	-	90.0%	0	10.0%	0
<b>Equipment</b>	-	-	-		0		0
Electrical Pumping	-	-	-	90.0%	0	10.0%	0
Purification Equipment	-	-	-	90.0%	0	10.0%	0
Office Furniture and Equipment	-	-	-	90.0%	0	10.0%	0
Transportation Equipment	69,290	-	69,290	90.0%	62,361	10.0%	6,929
Tools and Work Equipment	983,430	-	983,430	90.0%	885,087	10.0%	98,343
Software / computers	-	135,000	135,000	90.0%	121,500	10.0%	13,500
Control and Monitoring equipment	-	-	-	90.0%	0	10.0%	0
Digital Mapping	-	-	-	90.0%	0	10.0%	0
Bulk Water Station	-	-	-	90.0%	0	10.0%	0
<b>Mains</b>	-	-	-		0		0
Transmission	892,751	739,439	1,632,190	40.0%	652,876	60.0%	979,314
Distribution	4,931,895	2,836,178	7,768,073	40.0%	3,107,229	60.0%	4,660,844
<b>Meters</b>	148,880	-	148,880	100.0%	148,880	0.0%	0
<b>Hydrants</b>	43,963	-	43,963	0.0%	0	100.0%	43,963
Sprinkler Connections	-	-	-	0.0%	0	100.0%	0
<b>Services</b>	173,626	-	173,626	100.0%	173,626	0.0%	0
Other-Leak Survey	-	-	-	90.0%	0	10.0%	0
<b>TOTAL</b>	10,120,053	3,710,617	13,830,671	54.6%	7,557,686	45.4%	6,272,985

<b>Region of Queens Municipality Water Utility</b> <b>Allocation of the Total Cost of Utility Plant in Service</b> <b>Between General Service and Fire Protection</b> <b>2026/27</b>							
	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
<b>Intangible Plant</b>							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
<b>Tangible Plant</b>	-						
<b>LAND AND LAND RIGHTS</b>	-		-				
Source of Supply Land	-	0	-	90.0%	0	10.0%	0
Land - General	853,674	0	853,674	90.0%	768,307	10.0%	85,367
<b>STRUCTURES AND IMPROVEMENTS</b>	-	0	-		0		0
Source of Supply Structures	781,869	0	781,869	90.0%	703,682	10.0%	78,187
Power and Pumping Structures	-	0	-	90.0%	0	10.0%	0
Treatment Plant	875,736	0	875,736	90.0%	788,162	10.0%	87,574
Distribution Reservoirs and Standpipes	364,939	0	364,939	40.0%	145,976	60.0%	218,963
General Improvements	-		-	90.0%	0	10.0%	0
Source Water Protection Plan	-	0	-	90.0%	0	10.0%	0
<b>Equipment</b>	-	0	-		0		0
Electrical Pumping	-	0	-	90.0%	0	10.0%	0
Purification Equipment	-	0	-	90.0%	0	10.0%	0
Office Furniture and Equipment	-	0	-	90.0%	0	10.0%	0
Transportation Equipment	69,290	0	69,290	90.0%	62,361	10.0%	6,929
Tools and Work Equipment	983,430	0	983,430	90.0%	885,087	10.0%	98,343
Software / computers	135,000	0	135,000	90.0%	121,500	10.0%	13,500
Control and Monitoring equipment	-	0	-	90.0%	0	10.0%	0
Digital Mapping	-	0	-	90.0%	0	10.0%	0
Surge Tank	-	0	-	90.0%	0	10.0%	0
<b>Mains</b>	-	0	-		0		0
Transmission	1,632,190	523,769	2,155,959	40.0%	862,384	60.0%	1,293,576
Distribution	7,768,073	387,384	8,155,457	40.0%	3,262,183	60.0%	4,893,274
<b>Meters</b>	148,880	0	148,880	100.0%	148,880	0.0%	0
<b>Hydrants</b>	43,963	0	43,963	0.0%	0	100.0%	43,963
Sprinkler Connections	-	0	-	0.0%	0	100.0%	0
<b>Services</b>	173,626	0	173,626	100.0%	173,626	0.0%	0
Other-Leak Survey	-	0	-	90.0%	0	10.0%	0
<b>TOTAL</b>	<b>13,830,671</b>	<b>911,153</b>	<b>14,741,824</b>	<b>53.7%</b>	<b>7,922,147</b>	<b>46.3%</b>	<b>6,819,676</b>

<b>Region of Queens Municipality Water Utility</b> <b>Allocation of the Total Cost of Utility Plant in Service</b> <b>Between General Service and Fire Protection</b> <b>2027/28</b>							
	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
<b>Intangible Plant</b>							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
<b>Tangible Plant</b>							
<b>LAND AND LAND RIGHTS</b>							
Source of Supply Land	-	0	-	90.0%	0	10.0%	0
Land - General	853,674	0	853,674	90.0%	768,307	10.0%	85,367
<b>STRUCTURES AND IMPROVEMENTS</b>							
Source of Supply Structures	781,869	0	781,869	90.0%	703,682	10.0%	78,187
Power and Pumping Structures	-	0	-	90.0%	0	10.0%	0
Treatment Plant	875,736	0	875,736	90.0%	788,162	10.0%	87,574
Distribution Reservoirs and Standpipes	364,939	0	364,939	40.0%	145,976	60.0%	218,963
General Improvements	-		-	90.0%	0	10.0%	0
Source Water Protection Plan	-	0	-	90.0%	0	10.0%	0
<b>Equipment</b>							
Electrical Pumping	-	0	-	90.0%	0	10.0%	0
Purification Equipment	-	0	-	90.0%	0	10.0%	0
Office Furniture and Equipment	-	0	-	90.0%	0	10.0%	0
Transportation Equipment	69,290	0	69,290	90.0%	62,361	10.0%	6,929
Tools and Work Equipment	983,430	0	983,430	90.0%	885,087	10.0%	98,343
Software / computers	135,000	0	135,000	90.0%	121,500	10.0%	13,500
Control and Monitoring equipment	-	0	-	90.0%	0	10.0%	0
Digital Mapping	-	0	-	90.0%	0	10.0%	0
Generator	-	0	-	90.0%	0	10.0%	0
<b>Mains</b>							
Transmission	2,155,959	0	2,155,959	40.0%	862,384	60.0%	1,293,576
Distribution	8,155,457	309,435	8,464,892	40.0%	3,385,957	60.0%	5,078,935
<b>Meters</b>	148,880	0	148,880	100.0%	148,880	0.0%	0
<b>Hydrants</b>	43,963	0	43,963	0.0%	0	100.0%	43,963
Sprinkler Connections	-	0	-	0.0%	0	100.0%	0
<b>Services</b>	173,626	0	173,626	100.0%	173,626	0.0%	0
<b>Other</b>	-	0	-	90.0%	0	10.0%	0
<b>TOTAL</b>	<b>14,741,824</b>	<b>309,435</b>	<b>15,051,259</b>	<b>53.5%</b>	<b>8,045,921</b>	<b>46.5%</b>	<b>7,005,337</b>

**Region of Queens Municipality Water Utility**  
**Allocation of Fire Protection Charges**  
**Projected Expenses for 2025/26**

	<b>Estimated Expenses</b>	<b>PerCent Allocation to fire Protection</b>	<b>Fire Protection Charge</b>
Source of Supply	108,272	10.0%	10,827
Water Treatment	776,135	10.0%	77,614
Transmission and Distribution	470,801	45.4%	213,535
Adminstration and General	107,949	10.0%	10,795
Depreciation	129,217	45.4%	58,607
Taxes	0	45.4%	0
Return on Rate Base	66,633	45.4%	30,222
<b>Total</b>	<b>1,659,007</b>	<b>24.2%</b>	<b>401,599</b>

**Region of Queens Municipality Water Utility**  
**Allocation of Fire Protection Charges**  
**Projected Expenses for Year 2026/27**

	<b>Estimated Expenses</b>	<b>PerCent Allocation to fire Protection</b>	<b>Fire Protection Charge</b>
Source of Supply	36,019	10.0%	3,602
Water Treatment	773,608	10.0%	77,361
Transmission and Distribution	453,776	46.3%	209,920
Adminstration and General	98,743	10.0%	9,874
Depreciation	189,026	46.3%	87,445
Taxes	0	46.3%	0
Return on Rate Base	232,874	46.3%	107,729
<b>Total</b>	<b>1,784,045</b>	<b>27.8%</b>	<b>495,931</b>

**Region of Queens Municipality Water Utility**  
**Allocation of Fire Protection Charges**  
**Projected Expenses for Year 2027/28**

	<b>Estimated Expenses</b>	<b>PerCent Allocation to fire Protection</b>	<b>Fire Protection Charge</b>
Source of Supply	36,844	10.0%	3,684
Water Treatment	804,401	10.0%	80,440
Transmission and Distribution	468,795	46.5%	218,192
Adminstration and General	101,625	10.0%	10,162
Depreciation	193,151	46.5%	89,898
Taxes	0	46.5%	0
Return on Rate Base	217,533	46.5%	101,247
<b>Total</b>	<b>1,822,349</b>	<b>27.6%</b>	<b>503,625</b>

<b>Region of Queens Municipality Water Utility</b>				
<b>Calculation of rate Base and required Return on rate Base</b>				
<b>Years Ending March 31st</b>				
	<b>2024/25</b>	<b>2025/26</b>	<b>2026/27</b>	<b>2027/28</b>
	<b>(Projected)</b>	<b>Test</b>	<b>Test</b>	<b>Test</b>
<b>RATE BASE</b>				
Utility plant in Service March 31st	10,120,053	13,830,671	14,741,824	15,051,259
Less Accumulated Depreciaton on actual cost of plant in service (Estimated)	(3,154,218)	(3,283,435)	(3,472,461)	(3,665,611)
Less unamortized amount of capital contribution for plant in service	(167,216)	(2,963,329)	(3,305,484)	(3,565,565)
<b>Estimated Rate Base at Year End</b>	<b>6,798,619</b>	<b>7,583,906</b>	<b>7,963,879</b>	<b>7,820,082</b>
<b>REQUIRED RETURN</b>				
Non-operating Expenditures (B-2)	53,012	94,433	260,728	245,442
Less Non-operating Revenue	(20,000)	(15,000)	(15,000)	(15,000)
Less Other Non-operating Revenue (B-2)	(12,300)	(12,800)	(12,854)	(12,909)
<b>Return on Rate Base</b>	<b>20,712</b>	<b>66,633</b>	<b>232,874</b>	<b>217,533</b>
<b>Required Rate of Return (Req'd Return/Est Rate Base)</b>	<b>0.30%</b>	<b>0.88%</b>	<b>2.92%</b>	<b>2.78%</b>

**Region of Queens Municipality Water Utility**  
**Calculation of Revenue Required for Each Billing/Cost Category**  
**2025/26**

	Total Revenue Required	Fire Protection Revenue	Revenue Required from Metered Rates	Charge		Commodity Charge		
				Customer	Base	Delivery	Production	
Source of Supply	108,272	10,827	97,445		0%	0	100%	97,445
Water Treatment	776,135	77,614	698,522		0%	0	100%	698,522
Transmission and Distribution	470,801	213,535	257,266		100%	257,266	0%	0
Administration and General	107,949	10,795	97,154	10%	9,715	87,439	0%	0
Depreciation	129,217	58,607	70,610		100%	70,610	0%	0
Taxes	0	0	0		100%	0		
Return on Rate Base	66,633	30,222	36,411		100%	36,411	0%	0
<b>SUBTOTAL</b>	<b>1,659,007</b>	<b>401,599</b>	<b>1,257,408</b>			<b>451,726</b>	<b>0</b>	<b>795,966</b>
<b>TOTAL</b>	<b>1,659,007</b>	<b>401,599</b>	<b>1,257,408</b>		<b>9,715</b>	<b>451,726</b>	<b>-</b>	<b>795,966</b>

**Region of Queens Municipality Water Utility**  
**Calculation of Revenue Required for Each Billing/Cost Category**  
**2026/27**

	Total Revenue Required	Fire Protection Revenue	Revenue Required from Metered Rates	Charge		Commodity Charge		
				Customer	Base	Delivery	Production	
Source of Supply	36,019	3,602	32,417		0%	0	100%	32,417
Water Treatment	773,608	77,361	696,247		0%	0	100%	696,247
Transmission and Distribution	453,776	209,920	243,856		80%	195,084	20%	48,771
Administration and General	98,743	9,874	88,869	10%	8,887	79,982	0%	0
Depreciation	189,026	87,445	101,581		100%	101,581	0%	0
Taxes	0	0	0		100%	0		
Return on Rate Base	232,874	107,729	125,145		100%	125,145	0%	0
<b>SUBTOTAL</b>	<b>1,784,045</b>	<b>495,931</b>	<b>1,288,115</b>		<b>8,887</b>	<b>501,792</b>	<b>48,771</b>	<b>728,664</b>
<b>TOTAL</b>	<b>1,784,045</b>	<b>495,931</b>	<b>1,288,115</b>		<b>8,887</b>	<b>501,792</b>	<b>48,771</b>	<b>728,664</b>

**Region of Queens Municipality Water Utility**  
**Calculation of Revenue Required for Each Billing/Cost Category**  
**2027/28**

	Total Revenue Required	Fire Protection Revenue	Revenue Required from Metered Rates	Charge		Commodity Charge		
				Customer	Base	Delivery	Production	
Source of Supply	36,844	3,684	33,160		0%	0	100%	33,160
Water Treatment	804,401	80,440	723,961		0%	0	100%	723,961
Transmission and Distribution	468,795	218,192	250,603		80%	200,482	20%	50,121
Administration and General	101,625	10,162	91,462	10%	9,146	82,316	0%	0
Depreciation	193,151	89,898	103,252		100%	103,252	0%	0
Taxes	0	0	0		100%	0		
Return on Rate Base	217,533	101,247	116,286		100%	116,286	0%	0
<b>SUBTOTAL</b>	<b>1,822,349</b>	<b>503,625</b>	<b>1,318,724</b>		<b>9,146</b>	<b>502,337</b>	<b>50,121</b>	<b>757,121</b>
<b>TOTAL</b>	<b>1,822,349</b>	<b>503,625</b>	<b>1,318,724</b>		<b>9,146</b>	<b>502,337</b>	<b>50,121</b>	<b>757,121</b>

**Worksheet C-4**

16-Jun-25

<b>Region of Queens Municipality Water Utility                      Service Connections and Equivalents                      2024/25</b>			
Meter Size	Number of Services	Capacity Ratio	System Equivalents
Unmetered	3	1	3
5/8"	1168	1	1,168
3/4"	10	1.5	15
1"	19	2.5	48
1.5"	10	5	50
2"	17	8	136
3"	4	16	64
4"	2	25	50
6"	0	50	0
<b>TOTAL</b>	<b>1233</b>		<b>1,534</b>

<b>Region of Queens Municipality Water Utility                      Service Connections and Equivalents                      2025/26</b>			
Meter Size	Number of Services	Capacity Ratio	System Equivalents
Unmetered	3	1	3
5/8"	1168	1	1,168
3/4"	10	1.5	15
1"	19	2.5	48
1.5"	10	5	50
2"	17	8	136
3"	4	16	64
4"	2	25	50
6"	0	50	0
<b>TOTAL</b>	<b>1233</b>		<b>1,534</b>

<b>Region of Queens Municipality Water Utility Service Connections and Equivalents 2026/27</b>			
<b>Meter Size</b>	<b>Number of Services</b>	<b>Capacity Ratio</b>	<b>System Equivalents</b>
Unmetered	3	1	3
5/8"	1168	1	1,168
3/4"	10	1.5	15
1"	19	2.5	48
1.5"	10	5	50
2"	17	8	136
3"	4	16	64
4"	2	25	50
6"	0	50	0
<b>TOTAL</b>	<b>1233</b>		<b>1,534</b>

<b>Region of Queens Municipality Water Utility Service Connections and Equivalents 2027/28</b>			
<b>Meter Size</b>	<b>Number of Services</b>	<b>Capacity Ratio</b>	<b>System Equivalents</b>
Unmetered	3	1	3
5/8"	1168	1	1,168
3/4"	10	1.5	15
1"	19	2.5	48
1.5"	10	5	50
2"	17	8	136
3"	4	16	64
4"	2	25	50
6"	0	50	0
<b>TOTAL</b>	<b>1233</b>		<b>1,534</b>

Region of Queens Municipality Water Utility Service Connections and Equivalents 2025/26					
Meter Size	Capacity Ratio	Base Charge	Customer Charge	Total Base Charge	
				Annual	Quarterly
Unmetered	1	294.57	7.88	302.45	75.61
5/8"	1	294.57	7.88	302.45	75.61
3/4"	1.5	441.86	7.88	449.74	112.43
1"	2.5	736.43	7.88	744.31	186.08
1.5"	5	1,472.86	7.88	1,480.74	370.19
2"	8	2,356.58	7.88	2,364.46	591.11
3"	16	4,713.15	7.88	4,721.03	1,180.26
4"	25	7,364.30	7.88	7,372.18	1,843.05
6"	50	14,728.61	7.88	14,736.49	3,684.12
8"	90	26,511.49	7.88	26,519.37	6,629.84
<b>TOTAL</b>					

Region of Queens Municipality Water Utility Service Connections and Equivalents 2026/27					
Meter Size	Capacity Ratio	Base Charge	Customer Charge	Total Base Charge	
				Annual	Quarterly
Unmetered	1	327.22	7.21	334.43	83.61
5/8"	1	327.22	7.21	334.43	83.61
3/4"	1.5	490.83	7.21	498.04	124.51
1"	2.5	818.05	7.21	825.26	206.31
1.5"	5	1,636.10	7.21	1,643.31	410.83
2"	8	2,617.76	7.21	2,624.97	656.24
3"	16	5,235.52	7.21	5,242.73	1,310.68
4"	25	8,180.51	7.21	8,187.71	2,046.93
6"	50	16,361.01	7.21	16,368.22	4,092.06
8"	90	29,449.83	7.21	29,457.03	7,364.26
<b>TOTAL</b>					

Region of Queens Municipality Water Utility Service Connections and Equivalents 2027/28					
Meter Size	Capacity Ratio	Base Charge	Customer Charge	Total Base Charge	
				Annual	Quarterly
Unmetered	1	327.58	7.42	334.99	83.75
5/8"	1	327.58	7.42	334.99	83.75
3/4"	1.5	491.36	7.42	498.78	124.70
1"	2.5	818.94	7.42	826.36	206.59
1.5"	5	1,637.88	7.42	1,645.29	411.32
2"	8	2,620.60	7.42	2,628.02	657.01
3"	16	5,241.20	7.42	5,248.62	1,312.16
4"	25	8,189.38	7.42	8,196.80	2,049.20
6"	50	16,378.76	7.42	16,386.18	4,096.55
8"	90	29,481.77	7.42	29,489.19	7,372.30
<b>TOTAL</b>					

<b>Region of Queens Municipality Water Utility Water Consumption by Block</b>		
<b>Meter Size</b>	<b>2024/25 Current Consumption</b>	<b>2025/26 Consumption</b>
	<b>1st Block Cubic Meters</b>	<b>1st Block Cubic Meters</b>
Unmetered	522	522
5/8"	156,130	153,007
3/4"	4,314	4,314
1"	9,015	9,015
1.5"	23,603	23,603
2"	18,668	18,668
3"	29,518	29,518
4"	38,539	38,539
6"	-	0
<b>TOTAL</b>	<b>280,309</b>	<b>277,186</b>

<b>Region of Queens Municipality Water Utility Water Consumption by Block</b>		
<b>Meter Size</b>	<b>2026/27 Consumption</b>	<b>2027/28 Consumption</b>
	<b>1st Block Cubic Meters</b>	<b>1st Block Cubic Meters</b>
Unmetered	522	522
5/8"	149,947	146,948
3/4"	4,314	4,314
1"	9,015	9,015
1.5"	23,603	23,603
2"	18,668	18,668
3"	29,518	29,518
4"	38,539	38,539
6"	0	0
<b>TOTAL</b>	<b>274,126</b>	<b>271,127</b>

**Worksheet C-7**

16-Jun-25

<b>Region of Queens Municipality Water Utility Calculation of Consumption Charge 2025/26</b>	
NET PRODUCTION EXPENSE	BLOCK 1
<u>Total Charge Worksheet C-3</u> Quantity Worksheet C-6	2.87
NET DELIVERY EXPENSES	
<u>Total Charge Worksheet C-3</u> Quantity Worksheet C-6	0.00
<b>TOTAL CONSUMPTION CHARGE PER Cubic Meter</b>	<b>2.87</b>

<b>Region of Queens Municipality Water Utility Calculation of Consumption Charge 2026/27</b>	
NET PRODUCTION EXPENSE	BLOCK 1
<u>Total Charge Worksheet C-3</u> Quantity Worksheet C-6	2.66
NET DELIVERY EXPENSES	
<u>Total Charge Worksheet C-3</u> Quantity Worksheet C-6	0.18
<b>TOTAL CONSUMPTION CHARGE PER Cubic Meter</b>	<b>2.84</b>

<b>Region of Queens Municipality Water Utility Calculation of Consumption Charge 2027/28</b>	
NET PRODUCTION EXPENSE	BLOCK 1
<u>Total Charge Worksheet C-3</u> Quantity Worksheet C-6	2.79
NET DELIVERY EXPENSES	
<u>Total Charge Worksheet C-3</u> Quantity Worksheet C-6	0.18
<b>TOTAL CONSUMPTION CHARGE PER Cubic Meter</b>	<b>2.98</b>

Worksheet C-8

16-Jun-25

**Region of Queens Municipality Water Utility**  
**Water Consumption by Block**  
**2025/26**

**BASE CHARGE**

<u>Meter Size</u>	<u>Number</u>	<u>Base Rate</u>	<u>Dollar Revenue</u>
Unmetered	3	302.45	907
5/8"	1,168	302.45	353,264
3/4"	10	449.74	4,497
1"	19	744.31	14,142
1.5"	10	1,480.74	14,807
2"	17	2,364.46	40,196
3"	4	4,721.03	18,884
4"	2	7,372.18	14,744
6"	0	14,736.49	0

**TOTAL BASE REVENUE** 461,442

**CONSUMPTION CHARGE**

	Quantity	\$/ cubic metre	
1st Block	277,186	2.87	795,966

**TOTAL CONSUMPTION REVENUE** 795,966

**TOTAL OPERATING REVENUES FOR YEAR (BASE + CONSUMPTION)** 1,257,408

**Region of Queens Municipality Water Utility**  
**Water Consumption by Block**  
**2026/27**

**BASE CHARGE**

<u>Meter Size</u>	<u>Number</u>	<u>Base Rate</u>	<u>Dollar Revenue</u>
Unmetered	3	334.43	1,003
5/8"	1,168	334.43	390,612
3/4"	10	498.04	4,980
1"	19	825.26	15,680
1.5"	10	1,643.31	16,433
2"	17	2,624.97	44,624
3"	4	5,242.73	20,971
4"	2	8,187.71	16,375
6"	0	16,368.22	0

**TOTAL BASE REVENUE** 510,679

**CONSUMPTION CHARGE**

	Quantity	\$/ cubic metre	
1st Block	274,126	2.84	777,435

**TOTAL CONSUMPTION REVENUE** 777,435

**TOTAL OPERATING REVENUES FOR YEAR (BASE + CONSUMPTION)** 1,288,115

**Region of Queens Municipality Water Utility**  
**Water Consumption by Block**  
**2027/28**

**BASE CHARGE**

<u>Meter Size</u>	<u>Number</u>	<u>Base Rate</u>	<u>Dollar Revenue</u>
Unmetered	3	334.99	1,005
5/8"	1,168	334.99	391,272
3/4"	10	498.78	4,988
1"	19	826.36	15,701
1.5"	10	1,645.29	16,453
2"	17	2,628.02	44,676
3"	4	5,248.62	20,994
4"	2	8,196.80	16,394
6"	0	16,386.18	0

**TOTAL BASE REVENUE** 511,483

**CONSUMPTION CHARGE**

	Quantity	\$/ cubic metre	
1st Block	271,127	2.98	807,242

**TOTAL CONSUMPTION REVENUE** 807,242

**TOTAL OPERATING REVENUES FOR YEAR (BASE + CONSUMPTION)** 1,318,724

<b>Region of Queens Municipality Water Utility</b>			
<b>Calculation of Bulk Water Rate</b>			
<b>Years Ending March 31st</b>			
	<b>2025/26</b>	<b>2026/27</b>	<b>2027/28</b>
	<b>Test Year</b>	<b>Test Year</b>	<b>Test Year</b>
<b>Cost Base</b>			
Total Operating Expenses (Worksheet B-2)	1,592,374	1,551,171	1,604,816
Total Non Operating Expenses (Worksheet B-2)	94,433	260,728	245,442
Total Expenses	1,686,807	1,811,899	1,850,258
Water Consumption (Worksheet C-6) in cubic meters	277,186	274,126	271,127
<b>Unit Calculations</b>			
Unit cost per cubic meter	6.085	6.610	6.824
Total Operating and Non Operating costs and profit mark-up	30%	30%	30%
Bulk rate per cubic meter	7.91	8.59	8.87

**Region of Queens Municipality Water Utility  
Comparison of Current Water Rates with Proposed New Rates  
2025/26**

Meter Size	Average Quarterly Consumption			Percent Change	Commodity Charge		Percent Change	Quarterly Water Bill		Quarterly Change	Percent Change		
	1st Block	Base Charge			Current	Proposed		Current	Proposed			Current	Proposed
		Current	Proposed										
Unmetered		80.94						96.43	200.53	104.10	108.0%		
5/8"	33	40.69	75.61	85.8%	41.92	94.04	124.3%	82.61	169.66	87.05	105.4%		
3/4"	108	60.17	112.43	86.9%	138.05	309.70	124.3%	198.22	422.14	223.92	113.0%		
1"	119	99.13	186.08	87.7%	151.83	340.62	124.3%	250.96	526.70	275.74	109.9%		
1.5"	590	196.53	370.19	88.4%	755.30	1,694.45	124.3%	951.83	2,064.64	1,112.81	116.9%		
2"	275	313.40	591.11	88.6%	351.40	788.34	124.3%	664.80	1,379.45	714.65	107.5%		
3"	1,845	625.07	1,180.26	88.8%	2,361.44	5,297.73	124.3%	2,986.51	6,477.99	3,491.48	116.9%		
4"	4,817	975.70	1,843.05	88.9%	6,166.24	13,833.54	124.3%	7,141.94	15,676.58	8,534.64	119.5%		
6"	-	1,646.66	3,684.12		-								

**Region of Queens Municipality Water Utility  
Comparison of Current Water Rates with Proposed New Rates  
2026/27**

Meter Size	Average Quarterly Consumption			Percent Change	Commodity Charge		Percent Change	Quarterly Water Bill		Quarterly Change	Percent Change		
	1st Block	Base Charge			Current	Proposed		Current	Proposed			Current	Proposed
		Current	Proposed										
Unmetered	-							200.53	206.98	6.45	3.2%		
5/8"	32	75.61	83.61	10.6%	94.04	91.02	-3.2%	169.66	174.63	4.97	2.9%		
3/4"	108	112.43	124.51	10.7%	309.70	305.87	-1.2%	422.14	430.38	8.24	2.0%		
1"	119	186.08	206.31	10.9%	340.62	336.41	-1.2%	526.70	542.72	16.02	3.0%		
1.5"	590	370.19	410.83	11.0%	1,694.45	1,673.48	-1.2%	2,064.64	2,084.31	19.67	1.0%		
2"	275	591.11	656.24	11.0%	788.34	778.58	-1.2%	1,379.45	1,434.82	55.37	4.0%		
3"	1,845	1,180.26	1,310.68	11.1%	5,297.73	5,232.15	-1.2%	6,477.99	6,542.84	64.85	1.0%		
4"	4,817	1,843.05	2,046.93	11.1%	13,833.54	13,662.31	-1.2%	15,676.58	15,709.24	32.66	0.2%		
6"	-	3,684.12	4,092.06										

**Region of Queens Municipality Water Utility  
Comparison of Current Water Rates with Proposed New Rates  
2027/28**

Meter Size	Average Quarterly Consumption			Percent Change	Commodity Charge		Percent Change	Quarterly Water Bill		Quarterly Change	Percent Change		
	1st Block	Base Charge			Current	Proposed		Current	Proposed			Current	Proposed
		Current	Proposed										
Unmetered								206.98	213.26	6.29	3.0%		
5/8"	31	83.61	83.75	0.2%	91.02	93.65	2.9%	174.63	177.39	2.77	1.6%		
3/4"	108	124.51	124.70	0.1%	305.87	321.11	5.0%	430.38	445.80	15.43	3.6%		
1"	119	206.31	206.59	0.1%	336.41	353.17	5.0%	542.72	559.76	17.04	3.1%		
1.5"	590	410.83	411.32	0.1%	1,673.48	1,756.86	5.0%	2,084.31	2,168.18	83.88	4.0%		
2"	275	656.24	657.01	0.1%	778.58	817.37	5.0%	1,434.82	1,474.38	39.55	2.8%		
3"	1,845	1,310.68	1,312.16	0.1%	5,232.15	5,492.84	5.0%	6,542.84	6,805.00	262.16	4.0%		
4"	4,817	2,046.93	2,049.20	0.1%	13,662.31	14,343.02	5.0%	15,709.24	16,392.22	682.99	4.3%		
6"	-	4,092.06	4,096.55										

<b>Region of Queens Municipality Water Utility</b>				
<b>Comparative Statement of Operations</b>				
Fiscal Years ending March 31st				
	2024/25 (Projected)	Projection Using Proposed Rates		
		2025/26 Test	2026/27 Test	2027/28 Test
<b>OPERATING REVENUES</b>				
Metered Sales	603,300	930,354	1,288,115	1,318,724
Public Fire Protection	201,531	305,393	495,931	503,625
<b>Total</b>	<b>804,831</b>	<b>1,235,747</b>	<b>1,784,045</b>	<b>1,822,349</b>
<b>OPERATING EXPENDITURES</b>				
Source of Supply	23,100	108,272	36,019	36,844
Water Treatment	670,628	776,135	773,608	804,401
Transmission and Distribution	145,205	470,801	453,776	468,795
Administration and General	89,311	107,949	98,743	101,625
Depreciation	115,717	129,217	189,026	193,151
Taxes	0	0	0	0
<b>Total</b>	<b>1,043,961</b>	<b>1,592,374</b>	<b>1,551,171</b>	<b>1,604,816</b>
<b>OPERATING PROFIT (LOSS)</b>				
<b>LESS NON-OPERATING REVENUES</b>				
Transfer from Depreciation Fund	20,000	15,000	15,000	15,000
Other - Gain from Sale of Watershed lands	0	0	0	0
<b>Total</b>	<b>20,000</b>	<b>15,000</b>	<b>15,000</b>	<b>15,000</b>
<b>OTHER OPERATING REVENUES</b>				
Sprinkler Service	5,400	5,400	5,454	5,509
Plate Fee & Shut Off	4,300	4,400	4,400	4,400
Lateral Connection	0	0	0	0
Connection Fee	2,600	3,000	3,000	3,000
Bulk Water Sales	0	0	0	0
Other	0	0	0	0
<b>Total</b>	<b>12,300</b>	<b>12,800</b>	<b>12,854</b>	<b>12,909</b>
<b>NON-OPERATING EXPENDITURES</b>				
Debt Charges - Principal	43,426	59,689	66,689	66,689
Debt Charges - Interest	9,586	13,222	12,444	10,678
New Debt - Principal	0	2,494	2,606	2,724
New Debt - Interest	0	3,521	3,409	3,291
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
Interest on Deficit to the Municipality	0	15,507	25,580	22,060
Capital out of Revenue	0	0	0	0
Earnings	0	0	0	0
<b>Total</b>	<b>53,012</b>	<b>94,433</b>	<b>110,728</b>	<b>105,442</b>
<b>EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES</b>	<b>(259,842)</b>	<b>(423,260)</b>	<b>150,000</b>	<b>140,000</b>
<b>SURPLUS (DEFICIT) AT BEGINNING OF YEAR</b>	<b>(264,726)</b>	<b>(524,568)</b>	<b>(947,828)</b>	<b>(797,828)</b>
<b>ACCUMULATED SURPLUS/(DEFICIT)</b>	<b>(524,568)</b>	<b>(947,828)</b>	<b>(797,828)</b>	<b>(657,828)</b>

**Appendix 1**  
**Loan Calculator**  
**Long Term Debt**  
**2024/25**

Interest Rate	<b>4.5%</b>
Term in years	<b>20</b>
Capital \$	<b>78,243</b>

**Payment Schedule**

Year	Principal	Interest	Total	Balance
1	\$2,494.10	3,520.95	6,015.05	75,749.33
2	\$2,606.33	3,408.72	6,015.05	73,143.00
3	\$2,723.62	3,291.43	6,015.05	70,419.38
4	\$2,846.18	3,168.87	6,015.05	67,573.20
5	\$2,974.26	3,040.79	6,015.05	64,598.94
6	\$3,108.10	2,906.95	6,015.05	61,490.84
7	\$3,247.97	2,767.09	6,015.05	58,242.87
8	\$3,394.12	2,620.93	6,015.05	54,848.75
9	\$3,546.86	2,468.19	6,015.05	51,301.89
10	\$3,706.47	2,308.59	6,015.05	47,595.42
11	\$3,873.26	2,141.79	6,015.05	43,722.16
12	\$4,047.56	1,967.50	6,015.05	39,674.61
13	\$4,229.70	1,785.36	6,015.05	35,444.91
14	\$4,420.03	1,595.02	6,015.05	31,024.88
15	\$4,618.93	1,396.12	6,015.05	26,405.94
16	\$4,826.79	1,188.27	6,015.05	21,579.16
17	\$5,043.99	971.06	6,015.05	16,535.17
18	\$5,270.97	744.08	6,015.05	11,264.20
19	\$5,508.16	506.89	6,015.05	5,756.03
20	\$5,756.03	259.02	6,015.05	0.00

**Loan Calculator**  
**Long Term Debt**  
**2025/26**

Interest Rate	<b>6.0%</b>
Term in years	<b>20</b>
Capital \$	<b>-</b>

**Payment Schedule for Capital Works**

Year	Principal	Interest	Total	Balance
1	\$0.00	\$0.00	-	-
2	\$0.00	\$0.00	-	-
3	\$0.00	\$0.00	-	-
4	\$0.00	\$0.00	-	-
5	\$0.00	\$0.00	-	-
6	\$0.00	\$0.00	-	-
7	\$0.00	\$0.00	-	-
8	\$0.00	\$0.00	-	-
9	\$0.00	\$0.00	-	-
10	\$0.00	\$0.00	-	-
11	\$0.00	\$0.00	-	-
12	\$0.00	\$0.00	-	-
13	\$0.00	\$0.00	-	-
14	\$0.00	\$0.00	-	-
15	\$0.00	\$0.00	-	-
16	\$0.00	\$0.00	-	-
17	\$0.00	\$0.00	-	-
18	\$0.00	\$0.00	-	-
19	\$0.00	\$0.00	-	-
20	\$0.00	\$0.00	-	-

**Loan Calculator**  
**Long Term Debt**  
**2026/27**

Interest Rate	6.0%
Term in years	20
Capital \$	-

**Payment Schedule for Capital Works**

Year	Principal	Interest	Total	Balance
1	\$0.00	\$0.00	-	-
2	\$0.00	\$0.00	-	-
3	\$0.00	\$0.00	-	-
4	\$0.00	\$0.00	-	-
5	\$0.00	\$0.00	-	-
6	\$0.00	\$0.00	-	-
7	\$0.00	\$0.00	-	-
8	\$0.00	\$0.00	-	-
9	\$0.00	\$0.00	-	-
10	\$0.00	\$0.00	-	-
11	\$0.00	\$0.00	-	-
12	\$0.00	\$0.00	-	-
13	\$0.00	\$0.00	-	-
14	\$0.00	\$0.00	-	-
15	\$0.00	\$0.00	-	-
16	\$0.00	\$0.00	-	-
17	\$0.00	\$0.00	-	-
18	\$0.00	\$0.00	-	-
19	\$0.00	\$0.00	-	-
20	\$0.00	\$0.00	-	-

**Loan Calculator**  
**Long Term Debt**  
**2027/28**

Interest Rate	6.0%
Term in years	20
Capital \$	-

**Payment Schedule for Capital Works**

Year	Principal	Interest	Total	Balance
1	\$0.00	\$0.00	-	-
2	\$0.00	\$0.00	-	-
3	\$0.00	\$0.00	-	-
4	\$0.00	\$0.00	-	-
5	\$0.00	\$0.00	-	-
6	\$0.00	\$0.00	-	-
7	\$0.00	\$0.00	-	-
8	\$0.00	\$0.00	-	-
9	\$0.00	\$0.00	-	-
10	\$0.00	\$0.00	-	-
11	\$0.00	\$0.00	-	-
12	\$0.00	\$0.00	-	-
13	\$0.00	\$0.00	-	-
14	\$0.00	\$0.00	-	-
15	\$0.00	\$0.00	-	-
16	\$0.00	\$0.00	-	-
17	\$0.00	\$0.00	-	-
18	\$0.00	\$0.00	-	-
19	\$0.00	\$0.00	-	-
20	\$0.00	\$0.00	-	-

**SCHEDULES A, B, AND C  
RATES AND CHARGES**

**SCHEDULE "A"**  
**REGION OF QUEENS MUNICIPALITY WATER UTILITY**

**SCHEDULE OF RATES FOR WATER AND WATER SERVICES**

(Effective for water supplied on and after 1 October 2025)

**RATES**

The rates set out below are the rates approved by the Board for water and water services when payment is made within 30 days from the date rendered as shown on the bill.

When payment is made after 30 days from the date rendered as shown on the bill, the rates will include interest charges of 1.0 % per month, or part thereof.

Each bill shall show the amount payable within 30 days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the Region of Queens Water Utility.

1. **RATES:**

<b>(a) <u>Base Charges</u></b>		<b><u>Quarterly</u></b>
Unmetered	(assuming 174 cubic meters per year)	200.53
Size of Meter		
5/8"		75.61
3/4"		112.43
1"		186.08
1.5"		370.19
2"		591.11
3"		1,180.26
4"		1,843.05
6"		3,684.12

**(b) Consumption Rate (per cubic metre)**

Consumption Rate	2.87	per cubic metre
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**(c) Minimum Bill**

The minimum bill shall be the Base Charge.

2. PUBLIC FIRE PROTECTION RATE

The Region of Queens shall pay to the Region of Queens Water Utility on or before October 1, 2025 a total of \$305,393 based on 6 months at the existing rate (\$209,187) and 6 months at the proposed rate (\$401,599).

3. RATES FOR SPRINKLER SERVICE

Each building having a sprinkler system installed shall pay annually for the service as follows:

Each building serviced by a sprinkler service pipe of 6" or less in diameter	\$200.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	\$250.00

4. WATER FOR BUILDINGS OR WORKS UNDER CONSTRUCTION

The Utility may furnish water to any person requiring a supply thereof for the construction of a building or other works. This person shall deposit with the Utility such sum as may be determined by the Utility as is sufficient to defray the cost of making the necessary connection to any water service or main together with the cost of the meter to be installed to measure the water consumed. Upon completion of the work and the return of the meter to the Utility, a refund will be made after deducting the cost, if any, of repairing the water service box, the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

5. PRIVATE HYDRANT CONNECTION RATES

Per hydrant per year \$200.00.

6. RATES FOR WATER SUPPLIED FROM FIRE HYDRANTS

Whenever the use of any fire hydrant is desired for supplying water for any purpose, excepting those of the Fire Department for fire use, the Utility may grant a permit containing such terms and conditions as it may provide, including arrangements regarding supervision of the opening and closing of the hydrant, and a service charge for commercial consumers of \$70.00 for connection and disconnection and a consumption charge for the amount of water used, as estimated by the water Utility, at meter consumption rates.

7. CHARGES FOR RE-ESTABLISHING WATER SERVICE

When water service has been suspended for any violation of the Rules and Regulations of the Utility, such water service shall not be re-established until a reconnection charge of \$60.00 has been paid to the Utility. If reconnection is outside of regular working hours, the charge is \$200.00.

8. ACCOUNT CREATION FEE

A

The Utility shall charge a \$60.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

9. DISCONNECTION FEE

Whenever a customer requests the water be turned off from any premises for an extended period of time, a charge of \$60.00 shall be made for turning off the water, and no additional charge shall be made for turning it on again when this is requested unless such request is after regular working hours of the Utility when a fee of \$200.00 shall apply.

10. SPECIAL SERVICE CHARGE:

A special service charge of \$60.00 (\$200.00 if such work is performed after regular working hours) shall be made to each customer receiving a necessary or requested service, such as the shutting off or turning on of water service or other special services not provided for elsewhere in the schedules or the rules and regulations except for water service repairs requested by the Utility. In the case where the shutting off is requested because there is no operable shut off valve serving the dwelling, an isolation valve must be installed.

11. CHARGE FOR NON-NEGOTIABLE CHEQUES

The Utility may charge a \$20.00 administration fee plus any additional bank charges for cheques that, due to non-negotiability, have been rejected by the Utility's bank.

12. CHARGE FOR MISSED APPOINTMENT BY CUSTOMERS

Where an appointment has been made by a customer to have a water service hooked up or a meter inspected, or water turned on to a property, or other visits to the property for the inception or maintenance of water service to the property, and the customer fails to keep the appointment or the plumbing is not completed to allow for installation of a water meter and the Utility's staff have to return to the property, there may be a charge of \$50.00 for each visit if, in the judgment of the Utility, it is required.

13. RATE FOR BULK WATER

Bulk water will be provided to licensed water haulers at designated locations at a cost of \$7.91 per cubic meter or part thereof with a minimum charge of \$50.00. Such charge shall be rendered for each loading.



2. PUBLIC FIRE PROTECTION RATE

The Region of Queens shall pay to the Region of Queens Water Utility on or before October 1, 2026 a total of \$495,931.

3. RATES FOR SPRINKLER SERVICE

Each building having a sprinkler system installed shall pay annually for the service as follows:

Each building serviced by a sprinkler service pipe of 6" or less in diameter	\$200.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	\$250.00

4. WATER FOR BUILDINGS OR WORKS UNDER CONSTRUCTION

The Utility may furnish water to any person requiring a supply thereof for the construction of a building or other works. This person shall deposit with the Utility such sum as may be determined by the Utility as is sufficient to defray the cost of making the necessary connection to any water service or main together with the cost of the meter to be installed to measure the water consumed. Upon completion of the work and the return of the meter to the Utility, a refund will be made after deducting the cost, if any, of repairing the water service box, the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

5. PRIVATE HYDRANT CONNECTION RATES

Per hydrant per year \$200.00.

6. RATES FOR WATER SUPPLIED FROM FIRE HYDRANTS

Whenever the use of any fire hydrant is desired for supplying water for any purpose, excepting those of the Fire Department for fire use, the Utility may grant a permit containing such terms and conditions as it may provide, including arrangements regarding supervision of the opening and closing of the hydrant, and a service charge for commercial consumers of \$70.00 for connection and disconnection and a consumption charge for the amount of water used, as estimated by the water Utility, at meter consumption rates.

7. CHARGES FOR RE-ESTABLISHING WATER SERVICE

When water service has been suspended for any violation of the Rules and Regulations of the Utility, such water service shall not be re-established until a reconnection charge of \$60.00 has been paid to the Utility. If reconnection is outside of regular working hours, the charge is \$200.00.

B

8. ACCOUNT CREATION FEE

The Utility shall charge a \$60.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

9. DISCONNECTION FEE

Whenever a customer requests the water be turned off from any premises for an extended period of time, a charge of \$60.00 shall be made for turning off the water, and no additional charge shall be made for turning it on again when this is requested unless such request is after regular working hours of the Utility when a fee of \$200.00 shall apply.

10. SPECIAL SERVICE CHARGE:

A special service charge of \$60.00 (\$200.00 if such work is performed after regular working hours) shall be made to each customer receiving a necessary or requested service, such as the shutting off or turning on of water service or other special services not provided for elsewhere in the schedules or the rules and regulations except for water service repairs requested by the Utility. In the case where the shutting off is requested because there is no operable shut off valve serving the dwelling, an isolation valve must be installed.

11. CHARGE FOR NON-NEGOTIABLE CHEQUES

The Utility may charge a \$20.00 administration fee plus any additional bank charges for cheques that, due to non-negotiability, have been rejected by the Utility's bank.

12. CHARGE FOR MISSED APPOINTMENT BY CUSTOMERS

Where an appointment has been made by a customer to have a water service hooked up or a meter inspected, or water turned on to a property, or other visits to the property for the inception or maintenance of water service to the property, and the customer fails to keep the appointment or the plumbing is not completed to allow for installation of a water meter and the Utility's staff have to return to the property, there may be a charge of \$50.00 for each visit if, in the judgment of the Utility, it is required.

13. RATE FOR BULK WATER

Bulk water will be provided to licensed water haulers at designated locations at a cost of \$8.59 per cubic meter or part thereof with a minimum charge of \$50.00. Such charge shall be rendered for each loading.

**SCHEDULE "C"**  
**REGION OF QUEENS WATER UTILITY**

**SCHEDULE OF RATES FOR WATER AND WATER SERVICES**

(Effective for water supplied on and after 1 April 2027)

**RATES**

The rates set out below are the rates approved by the Board for water and water services when payment is made within 30 days from the date rendered as shown on the bill.

When payment is made after 30 days from the date rendered as shown on the bill, the rates will include interest charges of 1.0 % per month, or part thereof.

Each bill shall show the amount payable within 30 days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the Region of Queens Water Utility.

1. **RATES:**

<b>(a) <u>Base Charges</u></b>		<b><u>Quarterly</u></b>
Unmetered		213.26
	(assuming 174 cubic meters per year)	
Size of Meter		
5/8"		83.75
3/4"		124.70
1"		206.59
1.5"		411.32
2"		657.01
3"		1,312.16
4"		2,049.20
6"		4,096.55

<b>(b)</b>	<b>Consumption Rate (per cubic metre)</b>	
	Consumption Rate    \$    2.98	per cubic metre

**(c) Minimum Bill**

The minimum bill shall be the Base Charge.

2. PUBLIC FIRE PROTECTION RATE

The Region of Queens shall pay to the Region of Queens Water Utility on or before October 1, 2027 a total of \$503,625.

For subsequent years, the annual public fire protection rate shall be based on the above or:

- (a) the sum of 46.5% of Transmission and Distribution, Taxes and Depreciation expenses of the Utility, and 46.5% of the sum of the (Non-Operating Expenditures less the Non-Operating Revenue less Other Operating Revenue of the immediately preceding year), plus
- (b) 10 % of all other expenses, whichever is the greater.

3. RATES FOR SPRINKLER SERVICE

Each building having a sprinkler system installed shall pay annually for the service as follows:

Each building serviced by a sprinkler service pipe of 6" or less in diameter	\$200.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	\$250.00

4. WATER FOR BUILDINGS OR WORKS UNDER CONSTRUCTION

The Utility may furnish water to any person requiring a supply thereof for the construction of a building or other works. This person shall deposit with the Utility such sum as may be determined by the Utility as is sufficient to defray the cost of making the necessary connection to any water service or main together with the cost of the meter to be installed to measure the water consumed. Upon completion of the work and the return of the meter to the Utility, a refund will be made after deducting the cost, if any, of repairing the water service box, the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

5. PRIVATE HYDRANT CONNECTION RATES

Per hydrant per year \$200.00.

6. RATES FOR WATER SUPPLIED FROM FIRE HYDRANTS

Whenever the use of any fire hydrant is desired for supplying water for any purpose, excepting those of the Fire Department for fire use, the Utility may grant a permit containing such terms and conditions as it may provide, including arrangements regarding supervision of the opening and closing of the hydrant, and a service charge for commercial consumers of \$70.00 for connection and disconnection and a consumption charge for the amount of water used, as estimated by the water Utility, at meter consumption rates.

C

7. CHARGES FOR RE-ESTABLISHING WATER SERVICE

When water service has been suspended for any violation of the Rules and Regulations of the Utility, such water service shall not be re-established until a reconnection charge of \$60.00 has been paid to the Utility. If reconnection is outside of regular working hours, the charge is \$200.00.

8. ACCOUNT CREATION FEE

The Utility shall charge a \$60.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

9. DISCONNECTION FEE

Whenever a customer requests the water be turned off from any premises for an extended period of time, a charge of \$60.00 shall be made for turning off the water, and no additional charge shall be made for turning it on again when this is requested unless such request is after regular working hours of the Utility when a fee of \$200.00 shall apply.

10. SPECIAL SERVICE CHARGE:

A special service charge of \$60.00 (\$200.00 if such work is performed after regular working hours) shall be made to each customer receiving a necessary or requested service, such as the shutting off or turning on of water service or other special services not provided for elsewhere in the schedules or the rules and regulations except for water service repairs requested by the Utility. In the case where the shutting off is requested because there is no operable shut off valve serving the dwelling, an isolation valve must be installed.

11. CHARGE FOR NON-NEGOTIABLE CHEQUES

The Utility may charge a \$20.00 administration fee plus any additional bank charges for cheques that, due to non-negotiability, have been rejected by the Utility's bank.

12. CHARGE FOR MISSED APPOINTMENT BY CUSTOMERS

Where an appointment has been made by a customer to have a water service hooked up or a meter inspected, or water turned on to a property, or other visits to the property for the inception or maintenance of water service to the property, and the customer fails to keep the appointment or the plumbing is not completed to allow for installation of a water meter and the Utility's staff have to return to the property, there may be a charge of \$50.00 for each visit if, in the judgment of the Utility, it is required.

13. RATE FOR BULK WATER

Bulk water will be provided to licensed water haulers at designated locations at a cost of \$8.87 per cubic meter or part thereof with a minimum charge of \$50.00. Such charge shall be rendered for each loading.

C

**SCHEDULE D**  
**RULES AND REGULATIONS**

REGION OF QUEENS MUNICIPALITY WATER UTILITY

SCHEDULE OF RULES AND REGULATIONS  
GOVERNING THE SUPPLY OF WATER AND WATER SERVICES  
(Effective 1 October 2025)

In these Rules and regulations, unless the context otherwise requires, the expression:

**“Region”** means Region of Queens Municipality;

**“Utility”** means Region of Queens Municipality Water Utility;

**“Customer”** means a person, a property owner, firm or corporation who, or which, contracts to be supplied with water at a specific location or locations;

**“Domestic Service”** means the type of service supplied to the owner or their authorized agent for the distinct purpose of a dwelling house, rooming house, apartment, flat, etc.;

**“Commercial Service”** means any service other than a domestic service as herein defined;

**“Metered Rate Service”** means that type of service charged for at metered rates. Metered rate service is required for all new services.

- 1) **LIABILITY FOR PAYMENT OF WATER BILL:** An agreement/contract is deemed to exist between a customer and the Utility for the supply of water service at such rates and in accordance with these Regulations by virtue of:
  - a) the customer applying for and receiving approval for water service;
  - b) the customer consuming or paying for water service from the date that the customer who is a party to an agreement pursuant to clause (a) (the customer of record) moves out of the premises, in which case the customer of record shall remain jointly and severally liable for the water service account up to the date the Utility is notified that the customer of record wishes to terminate the supply of water service.

A property owner who rents or leases a property or self-contained unit to a tenant or lessee shall be required to open an account for the provision of water at the property rented or leased.

- c) Any person, business or corporation that receives water service without the consent of the Utility, shall be liable for the cost of such water service which cost shall be determined in the sole discretion of the Utility based upon its reasonable estimate of the amount of water

utilized.

- d) Where service is supplied to a condominium unit, the Condominium Corporation in which the unit is situated shall be deemed to be the customer of record and shall be liable for payment of the service bill for the condominium unit.
- 2) **DEPOSITS:** When required, an applicant for service shall deposit with the Utility a sum equal to the previous year's average bill for the meter size for such service for a period of three months, or such lesser amount as the Utility may demand (a minimum of \$150.00). This deposit shall be held by the Utility as collateral security for the payment of the customer's bills, but is not to be considered as a payment on account thereof. When the customer ceases to use the service and discharges all their liability to the Utility in respect of such service, the deposit shall be returned to him with interest based on the bank's simple interest per annum, not compounded.
- 3) **REFUSAL OF SERVICE:** Service may be refused or suspended to any customer who has failed to discharge all of their liabilities to the Utility.
- 4) **BILLING:** If an agreement/contract is entered into or terminated at any time other than a regular billing date, the amount to be charged to the customer shall be the pro rata proportion to the next billing date, of the regular service charge for the billing period, plus the consumption charge, if any.
- The Utility charges the base rate for the entire year for seasonal customers. The quarterly base rate charge will apply for each quarter regardless of water turn-offs.
- 5) **PAYMENT OF BILLS:** Bills shall be rendered to each customer at intervals of approximately three months (quarterly). All bills are due and payable when rendered. Bills not paid within thirty days after the billing date shall be subject to the interest charge as set out in the Schedule of Rates and Charges.
- 6) **ESTIMATED READINGS FOR BILLING PURPOSES - METERED CUSTOMERS:** If the Utility is unable to obtain a meter reading for billing purposes, after exercising due diligence in the usual practice of meter reading, the bill for that service shall be estimated in accordance with the best data available, subject, however, to the provision that in no circumstance will an estimated reading be used for more than two (2) consecutive billing periods. If an estimated bill is rendered for two (2) consecutive billing periods, the Utility shall notify the customer by regular mail that arrangements must be made for the Utility to obtain a reading and failing such arrangements, the Utility may suspend service until such arrangements are made. When such meter reading has been obtained the previous estimated bill or bills shall be adjusted accordingly.
- 7) **ADJUSTMENT OF BILLS:**
- (a) Where meters exist - If the seal of a meter is broken or if a meter does not register correctly, the bill for that water service shall be estimated in accordance with the

best data available. Any customer desiring to question a water bill must do so in writing within 30 days of the bill being rendered.

- (b) Customers Under billed - Should it be necessary for the Utility to make a billing adjustment as a result of a customer being under billed for any reason, such adjustment shall be retroactive for a maximum of four billing periods or one year, whichever is the longest. Notwithstanding the above, in the event that a billing adjustment is the result of the customer's illegal connection to the water system or willful interference or damage of metering equipment (where they exist), the billing adjustment in such circumstances will not be limited to one year or four billing periods, but rather the customer shall be responsible for all payments of such accounts from the date such illegal connection or interference to meter equipment took place.
  - (c) Customer Over billed - Notwithstanding 8(a) above, should it become necessary for the Utility to make a billing adjustment as a result of a customer being over billed for any reason, such adjustment will be estimated by the Utility, and the Utility will be responsible for payment of the over billed amount with interest calculated on the basis of current simple interest paid by the bank respecting the period during which the customer was incorrectly billed by the Utility, such period not to exceed five years.
- 8) **SUSPENSION OF SERVICE FOR NON PAYMENT BILLS:** The Utility shall have the right to enter onto customers' premises within reasonable hours to suspend service to customers whose bills remain unpaid for more than forty calendar days after the date rendered. The customer shall pay the reconnection fee as set out in the Schedule of Rates and Charges for Re-establishing Water Service after each suspension. Service suspension can be delayed if approved payment arrangements have been made and the customer is in compliance with arrangements.
- 9) **METER READING:** In the case of Metered Service Customers who are billed quarterly, meters shall be read in at least two of the four quarters, normally, the second and fourth, and, subject to Regulation 7, each billing for these quarters shall be based upon the meter reading with adjustment for any earlier estimated reading. The Utility may, at its option, estimate the readings in the alternate quarters based on the actual consumption from the previous quarter. In the case of Metered Service Customers who are billed bi-monthly, meters shall be read bi-monthly.
- 10) **WATER TO BE SUPPLIED BY METER:** Except where water is used for construction purposes from a hydrant under the supervision of the Utility and except as in these regulations otherwise provided, all services other than those used exclusively for fire protection shall be metered. Any building occupied by more than one tenant may have a separate meter with appropriate isolation valves for each tenant. With the Utility's approval, such a building may be serviced by one meter, provided the landlord is the customer. The Utility shall determine the size and type of meter to be installed in each case. All meters shall be the property of the Utility.

- 11) **INSTALLATION AND REMOVAL OF METERS:** Meters shall be installed and removed only by employees of the Utility or duly authorized representatives of the Utility and no other person shall install, alter, change or remove a meter without the written permission of the Utility. The plumbing and connections shall be properly prepared to receive the installation of such meters to the approval of and without expense to the Utility.
- 12) **METER READERS:** Each meter reader shall be provided with an official identification, which shall be exhibited on request.
- 13) **REMOTE REGISTERING WATER METERS:** When a remote registering water meter is installed on a customer's premises under a general outside register installation program of the Utility, then the cost of the meter and its installation shall be paid by the Utility. The meter shall become the property of the Utility which shall become responsible for its operation, maintenance and replacement. Any damage to the meter caused by the negligence or wrongful acts or omissions by the customer, their agents or members of their family, shall be paid for by the customer, and the failure by the customer to make the payment shall entitle the Utility, after making a forty day written demand for the payment, to disconnect the water service to the customer.
- 14) **DAMAGE TO WATER METERS:** Each customer shall be responsible for the meter installed on their service and shall protect it. The customer shall be liable for any damage to the meter resulting from carelessness, hot water or steam, or the action of frost or from any other cause not the fault of the Utility or its employees. The cost to the Utility occasioned by such damage to the meter shall be paid by the customer. If after the rendering of a bill by the Utility to the customer for such cost the same is not paid within 40 days from the date rendered, the supply of water to the customer concerned may be suspended until all charges are paid.
- 15) **METER TESTING.** On the request to have their meter tested, the Utility may charge the sum of \$100.00 to defray, in part, the cost of making the test for meters up to 1 inch in size. In the case of meters 1-1/2 inches and larger, the actual cost of the test will be paid by the customer. If the test shows that the meter is over registering by more than one and one half percent (1 ½%) for positive displacement meters and three percent (3%) for turbine or compound meters, the sum so deposited will be refunded to the customer.
- 16) **PLUMBING TO BE SATISFACTORY:** All plumbing, pipes and fittings, fixtures, and other devices for conveying, distributing, controlling, or utilizing water which are used by a customer and are not the property of the Utility, shall be installed in the manner provided by the Regulations of and be approved by the proper official of the Region and/or the operators of the Utility. The water shall not be turned on (except for construction or testing purposes) until the applicant for service has satisfied the Utility that these requirements have been met. The supply of water may be discontinued to any customer at any time if, in the opinion of the proper official of the Region and/or the operator of the Utility, the plumbing, pipes, fittings, fixtures, or other devices as hereinbefore mentioned, or any of

them, fail to comply with the above requirements, or if any part of the water system of such customer or the meter is in any way unsuitable, dirty, unsanitary or inaccessible place. Service shall not be re-established until such condition is corrected to the satisfaction of the Utility.

- 17) **DANGEROUS CONNECTIONS**: No connection shall be permitted to any installation; equipment or source in such a manner as may allow any contamination to pass from such installation, equipment or source into the Utility's water supply system. If any such connection exists the Utility may discontinue the supply of water to such customer.
- 18) **PROHIBITED DEVICES**: Service may be refused or suspended by the Utility to any customer who installs or uses any device or appurtenance, as, for example, booster pumps, quick-opening or quick-closing valves, flushometers, water operated pumps or siphons, standpipes, or large outlets, which may occasion sudden large demands of short or long duration, thereby requiring oversize meters and pipe lines, or affect the stability or regulation of water pressure in the Utility's system. Permission to install or use any such device or appurtenance must be obtained from the Utility, which permission shall specify what special arrangements, such as elevated storage tanks, surge tanks or equalizing tanks, etc., must be provided by the customer.
- 19) **IMPROPER USE OR WASTE OF WATER**: No customer shall permit the improper use or waste of water, such as providing water to more than one single family dwelling and /or apartment building from a single service, nor shall they sell or give water to any person except upon such conditions and for such purposes as may be approved in writing by the Utility.
- 20) **SERVICE PIPES**: Upon receipt of an application for service to any premises located on any portion of a street through which portion a main water pipe is laid and which premises are not already provided with water service, the Utility shall install a service pipe which it considers to be of suitable size and capacity from the water main to the street line. No pipe smaller than 1" in (25 mm) diameter shall be laid for any service.

The necessary excavation for the laying of the service pipe, backfilling and replacement of the street and sidewalk surfaces from the water main in the street to the street line, including supplying and laying a service pipe and fittings between the main pipe and the street line shall be the responsibility of the Utility and all such work shall be performed without cost to the applicant. A service box (standpipe) and curb stop valve shall be installed at the property line by the Utility.

The necessary excavation for the laying of the service pipe, backfilling and surface restoration from the street line to the premises including supplying and laying of the service pipe and fittings shall be the responsibility of the Applicant for water services and all such work shall be performed without cost to the Utility.

For water service pipes larger than 1", the cost shall be borne by the customer, less the cost of the  $\frac{3}{4}$ " service pipe and trench from the main in the street to the street line.

Should any person make application for more than one service to their premises, the decision as to the necessity of the additional service shall be made by the Utility, and if the additional service is installed, the total cost thereof from the main to the customer's premises shall be paid by such applicant.

All services must be installed in accordance with the rules and regulations of the Municipality and to the satisfaction of the Utility. The excavation may be the same excavation as is used for the sewer service pipe or, if minimum horizontal and vertical separation between the water and sewer pipes cannot be obtained, a separate excavation for the water service pipe shall be required.

When a service has been installed without objection from the customer as to the location of the same, any subsequent removal of or alteration to the position of the pipe shall be made except at the expense of the customer requesting such removal or alteration.

- 21) **REPAIRS TO SERVICES:** If a leak or other trouble occurs it shall be repaired as soon as possible. If the leak or trouble occurs in a service line providing non-fire protection water supplies between the main and the street line it shall be repaired by the Utility at its expense. If the leak or trouble occurs elsewhere in a service line providing non-fire protection water supplies, it shall be repaired by the customer at their expense.

If the leak or trouble occurs in a service line which provides private fire protection services (sprinkler or hydrant) it shall be repaired by the customer at their expense.

The Utility may make such repairs for any customer provided the customer agrees to pay the cost of same. When required, each customer desiring the Utility to do such work shall deposit with the Utility a sum equal to the estimated cost of the work.

If a leak occurs on the customer's portion of their service pipe and, after being notified of same, they refuse or unduly delay to have repairs made, the Utility may discontinue the supply of water to such service pipe if, in its opinion, such action is necessary in order to prevent wastage of water. The Utility shall notify the customer affected of its intention to discontinue such supply.

- 22) **SPRINKLER SERVICE MAINS AND HYDRANT SYSTEM:** The customer shall be responsible for the cost of installing and maintaining a sprinkler service pipe from the main in the street to the building. It shall include a proper size control valve so that the service may be shut off if necessary. If requested by the applicant, a domestic service pipe may be connected to the sprinkler service pipe, but only if it is connected outside the building foundation wall and is provided with an approved shutoff valve located outside the building to permit control of the domestic service pipe without the necessity to enter the building. Before any domestic service pipe is connected to a sprinkler service pipe, the applicant must obtain approval from the appropriate authority and provide the Utility with a certified copy of such approval. The Utility shall supervise the installation of same. When the private fire protection system includes private hydrants, these hydrants must be flushed during

the Utility's regular flushing periods, under the supervision of the Utility's personnel. These hydrants shall be maintained in a manner, or on a regular basis as approved by the Utility. Fire protection lines within buildings shall be so installed that all pipes will be open and readily accessible for inspection at any time and no connection other than for fire protection shall be made thereto.

The location and spacing of hydrants in new construction shall be installed in accordance with the Region of Queens Water Utility requirements.

- 23) **UNAUTHORIZED EXTENSIONS, ADDITIONS OR CONNECTIONS:** No person shall, without the written consent of the Utility, make or cause to be made any connections to any pipe or main or any part of the water system or in any way obtain or use water therefrom in any manner other than as set out in these Regulations. Any unauthorized connection shall be subject to removal by the Utility. The cost of the removal including labour and materials and an estimate of the water used together with a \$200 service charge shall be paid by those who made the unauthorized connection.
- 24) **ACCESS TO CUSTOMER'S PREMISES:** Representatives of the Utility shall have right of access to all parts of a customer's property or premises at all reasonable hours for the purpose of inspecting any water pipes or fittings, or appliances, or discontinuing service, or for the purpose of installing, removing, repairing, reading or inspecting meters. The Utility shall have the right to suspend service to any customer who refuses such access.
- 25) **LOCATION OF METERS:** The Utility shall have the right to refuse service to, or suspend the service of, any customer who does not provide a place which, in the opinion of the Utility, is suitable for the meter. It should be in the building served, at or near the point of entry of the service pipe, in a place where it can be easily read and exchanged and where it will not be exposed to freezing temperatures.

Where the premises of a customer are of such a nature that a meter cannot be properly installed in a building or if the building is not sufficiently frost-proof as to guarantee the safety of the meter, the Utility may order the construction of a suitable frost-proof box in which the meter can be installed. Service to such premises may be refused or suspended until such a frost-proof box approved by the Utility is installed.

**CROSS CONNECTION CONTROL & BACKFLOW PREVENTION:**

(a) No owner, consumer, customer or other person hereinafter collectively referred to in this rule and regulation as "person" shall connect, cause to be connected, or allow to remain connected to the water system, or plumbing installation, without the express written consent of the Utility, any piping fixtures, fittings container or appliance in a manner which, under any circumstances, may allow water, wastewater, or any other liquid, chemical or substance, to ingress or egress the water system.

(b) Where, in the opinion of the Utility, there may be a risk of contamination to the potable water system, notwithstanding the provisions of subparagraph (a), the Utility may require

the customer, at the customer's sole cost and expense, to install at any point on the customer's water service connection or water service pipe, one or more backflow prevention (BFP) devices, which devices shall be of a quality and type approved by the Utility.

(c) All BFP devices shall be maintained in good working order. Such devices must be inspected and tested by a certified tester, approved by the Utility, at the expense of the customer. Such inspections shall take place upon installation, and thereafter annually, or more often if required by the Utility. The customer shall submit a report in a form approved by the Utility on any or all tests performed on a BFP device within 30 days of a test. A record card shall be displayed on or adjacent to the BFP device on which the tester shall record the name and address of the owner of the device; the location, type, manufacturer, serial number and size of the device; and the test date, the tester's initials, the tester's name, the name of their employer, and the tester's license number.

(d) The Utility shall maintain a program for the issuance, renewal and cancellation of Cross Connection Control Tester's Licenses. The Utility's program shall establish minimum standards, minimum insurance requirements, fees and administrative procedures.

(e) Installation, maintenance, field-testing and selection of all BFP devices shall fully conform to the latest revision of CSA B64.10 and CSA B64 series.

(f) In the event of any breach, contravention or non-compliance by a person of any of the provision and regulations in a sub-paragraphs (a),(b),(c) or (d) the Utility may:

(i) suspend water service to such person, or

(ii) give notice to the person to correct the breach, contravention or non-compliance within 96 hours, or a specified lesser period. If the person fails to comply with such notice, the Utility may immediately thereafter suspend water service to such person.

26) **ALTERNATE WATER SUPPLY PROHIBITED:** Connection of any customer's installation served by the Utility to any other source of water supply is prohibited. Failure to comply with this regulation shall entitle the Utility to suspend the service.

27) **DEPOSITS IN ADVANCE:** Whenever a customer requests the Utility to do work for which the customer is required to pay and the Utility agrees to do the work, the customer shall deposit with the Utility, before the work is started, a sum of money equal to the Utility's estimate of the probable cost of said work or execute an agreement to pay the actual cost. When the actual cost is determined, an adjustment in the payment shall be made. Water service shall not be established by the Utility until all charges are paid in full. Installations shall be made in accordance with the Region of Queens Water Utility specifications and be subject to inspection by the Utility's Staff prior to water service being made available.

- 28) **SEASON FOR LAYING PIPES:** The Utility shall not be required to lay any pipe at any season of the year or at any time which, in its opinion, is not suitable.
- 29) **PRIVATE FIRE PROTECTION:** Fire protection lines within buildings shall be installed so that all pipes will be open and readily accessible for inspection at any time, and no connection for any purpose other than fire protection shall be made thereto. Unless approved by the Utility in writing, no fire protection line shall be connected in any way to a metered service. Responsibility for the installation, maintenance of any and all privately owned fire protections systems, including fire protection lines, sprinkler systems and hydrants shall be the responsibility of the owner.

Customers of the Utility wishing to perform testing of components related to fire protection or flow measurement as part of a development investigation or other reason whereby such flow measurement will result in flows above the normal operating range are required to seek permission from the Utility seven (7) days in advance of such testing. To avoid potential disruptions in flow patterns testing of this nature will only be allowed between 10 pm and 6 am excluding holidays and weekends unless unusual circumstances can be demonstrated by the proponent. The operation of a Utility owned hydrant is only to be done by Utility staff. The cost of providing Utility staff for this purpose will be invoiced to the proponent at

- 30) **RESELLING OF WATER:** It is prohibited for a customer of the Utility to resell water to others, without the express written consent of the Utility. In the event that a customer is reselling water to others, without prior approval by the Utility, the Utility may suspend service to the premises or the customer until such time as the activity ceases or approval to resell is granted.
- 31) **LIABILITY OF UTILITY:** The Utility shall not be deemed to guarantee an uninterrupted supply or a sufficient or uniform pressure and shall not be liable for any damage or injury caused or done by reason of the interruption of supply, variation of pressure or on account of the turning off or turning on of the water for any purpose.
- 32) **INTERFERENCE WITH UTILITY PROPERTY:** No person, unless authorized by the Utility in writing, shall draw water from, open, close, cut, break, or in any way injure or interfere with any fire hydrant, water main, water pipe, or any property of the Utility or obstruct the free access to any hydrant, stop cock, meter, building, etc., provided, however, that nothing in this paragraph contained shall be deemed to prevent an officer or member of the Fire Department engaged in the work of such Department, from using any hydrant or other source of water supply designated by the Utility for fire protection purposes.
- 33) **SUSPENDING SERVICE FOR VIOLATION:** Whenever, in the opinion of the Utility, violation of any of these Rules and Regulations is existing or has occurred, the Utility may cause the water service to be suspended from the premises where such violation has occurred or is existing and may keep the same so suspended until satisfied that the cause for such action has been removed.

- 34) **THEFT OF SERVICE:** The Utility may impose penalties in addition to charges for Service approved by these Regulations for each unauthorized Water Service Connection, as follows:
- |   |          |
|---|----------|
| (a) First incident                                | \$300.00 |
| (b) Second incident, and each incident thereafter | \$750.00 |
- 35) **RESUMPTION OF SERVICE:** In all cases where water service has been suspended for violation of any of these rules, service shall not be restored until the cause for violation has been removed.
- 36) **PRESSURE REDUCING VALVES:** Where, in the opinion of the Utility, it is necessary for proper water service, a customer shall install on the service pipe, between the meter and the shut off valve on the customer's side of the meter, a pressure reducing valve of a type satisfactory to the Utility. The customer shall be responsible for the cost of installing and maintaining the pressure reducing valve at all time.
- 37) **PRESSURE RELIEF VALVES:** Whenever a pressure reducing valve has been installed by a customer in accordance with Regulation 36, the customer shall, for their own safety and protection, install on their hot water boiler and any other hot water heating device connected to the building's plumbing system, a pressure relief valve of an approved type, as well as an approved temperature limiting device. It shall be the customer's responsibility to maintain and keep in service the pressure relief valve at all times.
- 38) **WATER CONSERVATION DIRECTIVES:** The Utility may issue conservation of water directives to its customers, if in the opinion of the Utility, such directives are required to permit the Utility to provide reliable continuous water service to all customers served by the Utility. During such times as these directives are in force, customers who do not comply with the directives may have their water service suspended until such time as they agree to comply with the directive or upon suspension of the water conservation directive, whichever occurs first. Such customers shall be required to pay the Charge for Re-establishing Water Service as laid out in the approved Schedule of Rates for the Utility.
- 39) **REQUESTS FOR EXTENSIONS OF SERVICE:** The Utility has no obligation to extend water service into areas with no water service. Requests for such extensions will be reviewed by the Utility on a case by case basis.
- 40) **WORK ON WATER UTILITY INFRASTRUCTURE:** The Utility reserves the right to perform all work with its own forces, on existing Utility infrastructure or infrastructure that will be turned over to the Utility. This includes, but is not limited to, new construction of water mains and/or building services and any repairs to existing infrastructure of the Utility. Any work permitted to be undertaken by outside contractors will be under such terms and conditions and to standards as prescribed by the Utility. This regulation shall not apply to land developments involving construction of new streets and services where the developer has entered a servicing agreement with the Region of Queens.

- 41) **CURB STOP/CONTROL VALVE SERVICE BOX:** The curb stop/control valve service box housing the customers control valve shall be exposed for access by the Utility at all times. The Utility requires all curb stop/control valve service boxes and/or valves to be fully exposed and adjusted to final landscape grade before the installation of a customer's water meter. Any adjustment of the service box or valve box is the responsibility of the customer.

The customer shall ensure the curb stop/control valve service box and/or the valve box is exposed at all times. In the event that the curb stop/control valve service box is buried, paved over, back-filled or damaged as a result of carelessness, willful obstruction or any other occurrence that, in the opinion of the Utility, results in the requirement for the Utility to expose, re-expose, adjust or repair the curb stop /control valve service box, it shall be at the customer's expense. The Utility may undertake such activities as it deems necessary to gain access to the premises curb stop/control valve service box without expense to the Utility. When such action is undertaken, the reinstatement of the road, right-of-way, driveway, sidewalk, curb or landscape will be charged back to the customer if such activity is undertaken by the Utility.