

**AWC Lakeland Sewer**

PUC 1604.02(a)(2)

**Report of Proposed Rate Changes - Sewer**

Utility AWC Lakeland Sewer Date Filed: 10/30/2020

Tariff No.: Effective Date: 12/1/2020

<u>Rate of Class of Service</u>	<u>Effect of Change</u>	<u>Number of Customers</u>	<u>Authorized Actual Revenue</u>	<u>Proposed Revenue</u>	<u>Proposed Change Amount</u>
Commercial A, FairPoint Communications	568	1	5,960	6,528	568
Commercial B	(369)	2	7,083	6,714	(369)
Residential, Multi-Family	872	1	21,167	22,039	872
Residential, Single Family	\$ 9,502	154	\$ 76,672	86,174	\$ 9,502
Total Sewer	\$ 10,573	158	\$ 110,882	\$ 121,455	\$ 10,573
Surcharge Revenues	(5,039)	-	5,039	-	(5,039)
Total	\$ 5,534	158	\$ 115,921	\$ 121,455	\$ 5,534
Average Single Family			\$ 497.87	\$ 559.57	\$ 61.70
Percent Increase					12.39%

# **AWC Lakeland Sewer**

## **CALCULATION OF CUSTOMER RATES**

### Summary of Proposed Revenue Requirement

Actual Test Year Sewer Revenues	\$ 115,921
Less: Surcharge Revenues	5,039
Adjusted Actual Test Year Sewer Revenues	\$ 110,882
Proposed Increase in Revenue Requirement from Permanent Rates	10,573
Total Proposed Revenue Requirement	\$ 121,455
Total Proposed Increase in the Revenue Requirement	9.54%

Percent of Test Year Revenues per Customer Class:	Number of Customers	Adjusted Test Year Revenues	
Commercial Class A (CA)	1	\$ 5,960	5.38%
Commercial Class B (CB)	2	7,083	6.39%
Residential Multi-Family (RM)	1	21,167	19.09%
Residential Single Family (RS)	154	76,672	69.15%
Total - Pro-forma Test Year	158	\$ 110,882	100.00%

	Calculation of Rates	Annual Revenue per Rate	Annual Revenue per Rate Class
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### **Commercial Class A:**

#### Calculation of Base Charge:

Monthly Base Charge - Present Tariff	\$ 411.96		
1 + Percent Increase	x 1.0954		
Proposed Commercial Class A Quarterly Base Charge (Rounded)	\$ 451.24		
Number of Customers	x 1		
Annual Billing Periods	x 12	\$4,539.84	

#### Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 121,455		
Commercial Class A Percentage of Pro-forma Test Year Revenues	x 5.38%		
Commercial Class A Proposed Revenues	\$ 6,528.31		
Less: Commercial Class A Proposed Revenues from Base Charge	4,539.84		
Commercial Class A Proposed Revenues from Consumption Charge	\$ 1,988.47		
Commercial Class A Test Year Consumption (CCF)	+ 84.55		
Proposed Commercial Class A Consumption Charge	\$ 23.52		
Commercial Class A Annual Consumption (CCF)	x 84.55	\$1,988.47	\$6,528.31

### **Commercial Class B:**

#### Calculation of Base Charge:

Monthly Base Charge - Present Tariff	\$ 137.49		
1 + Percent Increase	x 1.0954		
Proposed Commercial Class B Quarterly Base Charge (Rounded)	\$ 150.60		
Number of Customers	x 1		
Annual Billing Periods	x 12	\$1,807.20	

#### Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 121,455		
Commercial Class B Percentage of Pro-forma Test Year Revenues	x 6.39%		
Commercial Class B Proposed Revenues	\$ 6,714.00		
Less: Commercial Class B Proposed Revenues from Base Charge	1,807.20		
Commercial Class B Proposed Revenues from Consumption Charge	\$ 4,906.80		
Commercial Class B Test Year Consumption (CCF)	+ 565.31		
Proposed Commercial Class B Consumption Charge	\$ 8,679.8		
Commercial Class B Annual Consumption (CCF)	x 565.31	\$4,906.80	\$6,714.00

### **Residential Multi-Family:**

#### Calculation of Base Charge:

Monthly Base Charge for Residential Single-Family - Present Tariff (32-units)	\$950.72		
1 + Percent Increase	x 1.0954		
Proposed Residential Multi-Family Quarterly Base Charge (Rounded)	\$1,041.37		
Number of Customers	x 1		
Annual Billing Periods	x 12	\$12,496.49	

Proposed Residential Multi-Family Monthly Base Charge per unit (Rounded)

\$32.54

#### Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 121,455.00		
Less: Combined Proposed Commercial Class A & B Revenue	(13,242.31)		
Less: Combined Proposed Residential Multi- & Single- Family Revenues from Base Charge	(\$72,880.00)		
Combined Proposed Residential Multi- & Single- Family Revenues from Consumption Charge	\$ 35,332.69		
Combined Residential Multi- & Single- Family Annual Consumption (CCF)	+ 6,280.34		
Proposed Residential Multi- & Single- Family Consumption Charge	\$ 5.63		
Residential Multi-Family Annual Consumption (CCF)	x 1,696.15	\$9,542.40	\$22,038.90

### **Residential Single-Family:**

#### Calculation of Base Charge:

Monthly Base Charge - Present Tariff	\$ 29.71		
1 + Percent Increase	x 1.0998		
Proposed Residential Single-Family Monthly Base Charge (Rounded)	\$ 32.68		
Number of Customers	x 154		
Annual Billing Periods	x 12	\$60,383.51	

#### Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 121,455		
Less: Combined Proposed Commercial Class A & B Revenue	(13,242.31)		
Less: Combined Proposed Residential Multi- & Single- Family Revenues from Base Charge	(72,880.00)		
Combined Proposed Residential Multi- & Single- Family Revenues from Consumption Charge	\$ 35,332.69		
Combined Residential Multi- & Single- Family Annual Consumption (CCF)	+ 6,280.34		
Proposed Residential Multi- & Single- Family Consumption Charge	\$ 5.63		
Residential Single-Family Annual Consumption (CCF)	x 4,584.19	\$ 25,790.29	\$86,173.79

Total Proposed Revenue Requirement -Sewer Division

\$121,455.00

## Report of Proposed Rate Changes - Water

Utility

AWC Lakeland Water

Date Filed: 10/30/2020

Tariff No.:

Effective Date: 12/1/2020

Rate of Class of Service	Effect of Change	Number of Customers	Authorized Present Revenue	Proposed Revenue	Proposed Change Amount
Commercial A, Consolidated Communications	\$ (78)	1	\$ 6,548	\$ 6,470	\$ (78)
Commercial B	(157)	4	13,212	13,055	(157)
Residential, Multi-Family	(765)	1	22,966	22,201	(765)
Residential, Single Family	(485)	154	\$ 83,179	82,694	(485)
Total Water	\$ (485)	160	\$ 125,905	\$ 124,413	\$ (1,485)
Reg Rev Adj - Excess Inc Taxes	-	0	(6,765)	(6,765)	-
Misc Service Revenues			125	125	-
Surcharge			3,472		(3,472)
Total	\$ (485)	160	\$ 122,737	\$ 117,773	\$ (4,957)
Average Single Family			\$ 540.12	\$ 536.97	\$ (3.15)
Percent Increase					-1.179%

AWC Lakeland Water  
Calculation of Water Rates

Summary of Proposed Revenue Requirement:

	Present	Proposed
Adjusted Test Year Water Sales for Belmont Water	\$ 125,905	\$ 124,413
Other Operating Revenues	(3,168)	(6,640)
Total Annualized Operating Revenues - Belmont Water	\$ 122,737	\$ 117,773
Less: Other Operating Revenues	\$ 3,168	\$ 6,640
Proposed Increase (Decrease) in Revenue Requirement from Permanent Rates		
Proposed Step Increase in Revenue Requirement		
Total Proposed Revenue Requirement	\$ 125,905	\$ 124,413
Total Proposed Increase in the Revenue Requirement		-1.185%

Percent of Pro-forma Test Year Revenues per Customer Class:

	Number of Customers	Pro-forma Test Year Revenues	Percentage of Revenues	Number of Customers	Pro-forma Test Year Revenues	Percentage of Revenues
Commercial Class A (MCA)	1	\$ 6,548	5.20%	1	6,470	5.20%
Commercial Class B (MCB)	4	13,212	10.49%	4	13,055	10.49%
Residential Multi-Family (MRM)	1	22,966	18.24%	1	22,694	18.24%
Residential Single Family (MRS)	154	83,179	66.06%	154	82,193	66.06%
	160	\$ 125,905	100.00%	160	\$ 124,413	100.00%

	Calculation of Rates	Annual Revenue per Rate	Annual Revenue per Rate Class	Calculation of Rates	Annual Revenue per Rate	Annual Revenue per Rate Class
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Commercial Class A:

Calculation of Base Charge:

Monthly Base Charge - Present Tariff	\$ 436.00			\$ 436.00		
1 + Percent Increase	x 1.0000			x 0.98815		
Proposed Commercial Class A Quarterly Base Charge (Rounded)	\$ 436.00			\$ 431.00		
Number of Customers	x 1			x 1		
Annual Billing Months	x 12	\$ 5,232.00		x 12	\$ 5,172.00	

Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 125,905			\$ 124,413		
Commercial Class A Percentage of Pro-forma Test Year Revenues	5.20%			5.20%		
Commercial Class A Proposed Revenues	\$ 6,548			\$ 6,470		
Less: Commercial Class A Proposed Revenues from Base Charge	(5,232)			(5,172)		
Commercial Class A Proposed Revenues from Consumption Charge	\$ 1,316			\$ 1,298		
Commercial Class A Test Year Consumption (CCF)	+ 84.55			+ 84.55		
Proposed Commercial Class A Consumption Charge	\$ 15,564.8			\$ 15,358.7		
Commercial Class A Annual Consumption (CCF)	x 84.55	\$ 1,316.00	\$ 6,548.00	x 84.55	\$ 1,298.40	\$ 6,470.40

Commercial Class B:

Calculation of Base Charge:

Quarterly Base Charge - Present Tariff	\$ 145.66			\$ 145.66		
1 + Percent Increase	x 1.0000			x 0.98815		
Proposed Commercial Class B Quarterly Base Charge (Rounded)	\$ 145.66			\$ 144.00		
Number of Customers	x 4			x 4		
Annual Billing Quarters	x 12	\$ 6,991.68		x 12	\$ 6,912.00	

Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 125,905			\$ 124,413		
Commercial Class B Percentage of Pro-forma Test Year Revenues	10.49%			10.49%		
Commercial Class B Proposed Revenues	\$ 13,212			\$ 13,055		
Less: Commercial Class B Proposed Revenues from Base Charge	(6,992)			(6,912)		
Commercial Class B Proposed Revenues from Consumption Charge	\$ 6,220			\$ 6,143		
Commercial Class B Test Year Consumption (CCF)	+ 863.81			+ 863.81		
Proposed Commercial Class B Consumption Charge	\$ 7,201.0			\$ 7,112.0		
Commercial Class B Annual Consumption (CCF)	x 864	\$ 6,220.32	\$ 13,212.00	x 863.81	\$ 6,143.44	\$ 13,055.44

Residential Multi-Family:

Calculation of Base Charge:

Quarterly Base Charge for Residential Single-Family - Present Tariff	\$ 28.00			\$ 28.00		
1 + Percent Increase	x 1.0000			x 0.98815		
Proposed Quarterly Base Charge per Unit (Rounded)	\$ 28.00			\$ 28.00		
Number of Units	x 32			x 32		
Proposed Residential Multi-Family Quarterly Base Charge (Rounded)	\$ 896.00			\$ 896.00		
Number of Customers	x 1			x 1		
Annual Billing Monthly	x 12	\$ 10,752.00		x 12	\$ 10,752.00	

Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 125,905			\$ 124,413		
Less: Combined Proposed Commercial Class A & B Revenue	(19,760)			(19,526)		
Less: Combined Proposed Residential Multi- & Single- Family Revenues from Base Charge	(62,496)			(62,496)		
Combined Proposed Residential Multi- & Single- Family Revenues from Consumption Charge	\$ 43,649			\$ 42,391		
Combined Residential Multi- & Single- Family Annual Consumption (CCF)	+ 6,280.34			+ 6,280.34		
Proposed Residential Multi- & Single- Family Consumption Charge	\$ 6,950.1			\$ 6,749.8		
Residential Multi-Family Annual Consumption (CCF)	x 1,696.15	\$ 11,788.41	\$ 22,540.41	x 1,696.15	\$ 11,448.71	\$ 22,200.71

Residential Single-Family:

Calculation of Base Charge:

Quarterly Base Charge - Present Tariff	\$ 28.00			\$ 28.00		
1 + Percent Increase	x 1.0000			x 0.9881		
Proposed Residential Single-Family Quarterly Base Charge (Rounded)	\$ 28.00			\$ 28.00		
Number of Customers	x 154			x 154		
Annual Billing Quarters	x 12	\$ 51,744.00		x 12	\$ 51,744.00	

Calculation of Consumption Charge:

Total Proposed Revenue Requirement	\$ 125,905			\$ 124,413		
Less: Combined Proposed Commercial Class A & B Revenue	(19,760)			(19,526)		
Less: Combined Proposed Residential Multi- & Single- Family Revenues from Base Charge	(62,496)			(62,496)		
Combined Proposed Residential Multi- & Single- Family Revenues from Consumption Charge	\$ 43,649			\$ 42,391		
Combined Residential Multi- & Single- Family Annual Consumption (CCF)	+ 6,284.34			+ 6,284.34		
Proposed Residential Multi- & Single- Family Consumption Charge	\$ 6,845.7			\$ 6,745.5		
Residential Single-Family Annual Consumption (CCF)	x 4,588.19	\$ 31,868.09	\$ 83,612.09	x 4,588.19	\$ 30,949.74	\$ 82,893.74

Total Proposed Revenue Requirement - Water Division

\$ 125,912.50 \$ 124,420.29

**Report of Proposed Revenue Changes**

Utility                      Abenaki Bow

Date Filed:                      10/30/2020

Tariff No.:

Effective Date:                      12/1/2020

<u>Rate of Class of Service</u>	<u>Effect of Change</u>	<u>Number of Customers</u>	<u>Authorized Present Revenue</u>	<u>Proposed Revenue</u>	<u>Proposed Change Amount</u>
Residential	\$ 74,430	95	\$ 82,136	\$ 156,566	\$ 74,430
Reg Rev Adj - Excess Inc Tax	-		(2,642)	(2,642)	-
Misc. Service Revenues	-	-	20	20	-
Surcharge	(2,697)		2,697		(2,697)
Total Other Revenue	\$ (2,697)		\$ 75	\$ (2,622)	\$ (2,697)
Total	\$ 71,733	95	\$ 82,211	\$ 153,944	\$ 71,733
Average per Customer			\$ 864.59	\$ 1,648.06	\$ 783.47
Percent Increase					90.62%

## AWC White Rock Water

### Calculation of Rates

#### Calculation of Rates

Test Year Water Sales (Report of Proposed Revenue Changes; Column F)	\$	82,136		
Proposed Increase in Revenue Requirement from Permanent Rates (Column H)		74,430		
Proposed Step Increase in Revenue Requirement				
Total Proposed Revenue Requirement	\$	<u>156,566</u>		
Current Fixed Charge per Quarter (per Tariff)	\$	16.50	per Customer per Quarter	\$ 16.50
Increase in Fixed Charge per Quarter		<u>15.01</u>		x <u>1.9098</u>
Proposed Fixed Charge per Quarter	\$	<u>31.51</u>	per Customer per Quarter	<u>\$ 31.51</u>
Billing Periods per Year	x	<u>12</u>		
Proposed Fixed Charge per Year	\$	378.15		
Number of Customers	x	<u>95</u>		
Total Annual Revenue Derived from Fixed Charge		<u>\$35,923.95</u>		
Total Annual Revenue Derived from Consumption Charge	\$ 156,566	-	\$35,923.95	=
		\$120,642.05		
CF Consumption for the test year	+	<u>4,733.64</u>	100 CF	
Proposed Consumption Charge (per CF)	\$	<u>25.4861</u>	per 100 CF	

**Report of Proposed Rate Changes**

Utility                      Abenaki Gilford Village

Date Filed:                      10/30/2020

Tariff No.:

Effective Date:                      12/1/2020

<u>Rate of Class of Service</u>	<u>Effect of Change</u>	<u>Number of Customers</u>	<u>Authorized Present Revenue</u>	<u>Proposed Revenue</u>	<u>Proposed Change Amount</u>
Residential	\$ 40,830	39	\$ 28,833	\$ 69,663	\$ 40,830
Misc. Service Revenues	-	-			-
Total	\$ 40,830	39	\$ 28,833	\$ 69,663	\$ 40,830
Average per Customer	\$ 1,046.92		\$ 739.31	\$ 1,786.23	\$ 1,046.92
Percent Increase					<u>141.61%</u>

## AWC Tioga Gilford Village Water

### Calculation of Rates

Adjusted Test Year Water Sales (Sch 1; Column D)	\$	28,833			
Proposed Increase in Revenue Requirement from Permanent Rates (Sch 1; Column E)		40,830			
Proposed Step Increase in Revenue Requirement					
Total Proposed Revenue Requirement	\$	<u>69,663</u>			
Current Fixed Charge per Quarter (per Tariff)	\$	35.97	per Unit per Quarter	\$	35.97
Increase in Fixed Charge per Quarter		<u>50.94</u>		x	<u>2.4161</u>
Proposed Fixed Charge per Quarter	\$	86.91	per Customer per Quarter		<u>\$ 86.91</u>
Billing Periods per Year	x	<u>4</u>			
Proposed Fixed Charge per Year	\$	347.63			
Number of Customers	x	<u>106</u>			
Total Annual Revenue Derived from Fixed Charge	\$	<u>36,849</u>			
Total Annual Revenue Derived from Consumption Charge	\$	69,663	-	\$	36,849 =
				\$	32,814
CF Consumption for the test year			+	<u>315,115</u>	CF
Proposed Consumption Charge (per CF)	\$	<u>0.10</u>	per CF		



**Report of Proposed Rate Changes**

Utility Abenaki Belmont

Date Filed: 10/30/2020

Tariff No.:

Effective Date: 12/1/2020

<u>Rate of Class of Service</u>	<u>Effect of Change</u>	<u>Number of Customers</u>	<u>Authorized Present Revenue</u>	<u>Proposed Revenue</u>	<u>Proposed Change Amount</u>
Residential	\$ 62,110	22	\$ 18,346	\$ 80,456	\$ 62,110
Misc. Service Revenues	-	-			-
Total	\$ 62,110	22	\$ 18,346	\$ 80,456	\$ 62,110
Average per Customer	\$ 2,823.18		\$ 833.91	\$ 3,657.09	\$ 2,823.18
Percent Increase					338.55%

AWC Tioga Belmont Water

Calculation of Rates

Adjusted Test Year Water Sales (Sch 1; Column D)	\$	18,346		
Proposed Increase in Revenue Requirement from Permanent Rates (Sch 1; Column E)		62,110		
Proposed Step Increase in Revenue Requirement (Att A; Sch 4)				
Total Proposed Revenue Requirement	\$	<u>80,456</u>		
Current Fixed Charge per Quarter (per Tariff)	\$	60.00	per Customer per Quarter	\$ 60.00
Increase in Fixed Charge per Quarter		143.13		x 3.3855
Proposed Fixed Charge per Quarter	\$	<u>203.13</u>	per Customer per Quarter	<u>\$ 203.13</u>
Billing Periods per Year	x	4		
Proposed Fixed Charge per Year	\$	<u>812.52</u>		
Number of Customers	x	22		
Total Annual Revenue Derived from Fixed Charge	\$	<u>17,875.44</u>		
Total Annual Revenue Derived from Consumption Charge	\$	80,456	-	\$ 17,875.44 = \$ 62,580.56
CF Consumption for the test year	÷	<u>109,671</u>	CF	
Proposed Consumption Charge (per CF)	\$	<u>0.5706</u>	per CF	