

Appendix 1 – Rate Design and Impacts

SHAWSA, MI				
Sewer Department				
Forecasted 2025 with 6.9% Proposed Rate Increase				
			Current Rates	Proposed 2025
	<i>Commodity Rate</i>		\$5.760	\$6.360
	Inside City - Customer Charge			
	5/8"		\$ 41.75	\$ 43.25
	3/4"		41.75	43.25
	1"		55.75	58.00
	1.25"		83.00	86.00
	1.5"		118.00	122.00
	2"		175.00	181.00
	3"		270.00	279.50
	4"		432.00	447.00
	6"		674.00	698.00
	Outside City - Customer Charge			
	5/8"		\$ 31.25	\$ 32.44
	3/4"		31.25	32.44
	1"		41.75	43.50
	1.25"		62.00	64.50
	1.5"		89.00	91.50
	2"		131.00	135.75
	3"		202.00	209.63
	4"		324.00	335.25
	6"		506.00	523.50
	Overall Increase			6.9%



Proposed 2025 Rates go into effect July 1, 2024

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INSIDE CITY					OUTSIDE CITY						
5/8"		Current Rates	Proposed Rates			5/8"		Current Rates	Proposed Rates		
Customer Service Charge	\$	41.75	\$ 43.25			Customer Service Charge	\$	31.25	\$ 32.44		
Commodity Rate		5.76	6.36			Commodity Rate	\$	5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change		Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	
5	\$ 70.55	\$ 75.05	\$ 4.50	6.38%		5	\$ 60.05	\$ 64.24	\$ 4.19	6.97%	
7	82.07	87.77	5.70	6.95%		7	\$ 71.57	\$ 76.96	5.39	7.53%	
9	93.59	100.49	6.90	7.37%		9	\$ 83.09	\$ 89.68	6.59	7.93%	
12	110.87	119.57	8.70	7.85%		12	\$ 100.37	\$ 108.76	8.39	8.36%	
15	128.15	138.65	10.50	8.19%		15	\$ 117.65	\$ 127.84	10.19	8.66%	
3/4"		Current Rates	Proposed Rates			3/4"		Current Rates	Proposed Rates		
Customer Service Charge	\$	41.75	\$ 43.25			Customer Service Charge	\$	31.25	\$ 32.44		
Commodity Rate	\$	5.760	\$ 6.360			Commodity Rate	\$	5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change		Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	
5	\$ 70.55	\$ 75.05	\$ 4.50	6.38%		5	\$ 60.05	\$ 64.24	\$ 4.19	6.97%	
7	82.07	87.77	5.70	6.95%		7	\$ 71.57	\$ 76.96	5.39	7.53%	
9	93.59	100.49	6.90	7.37%		9	\$ 83.09	\$ 89.68	6.59	7.93%	
12	110.87	119.57	8.70	7.85%		12	\$ 100.37	\$ 108.76	8.39	8.36%	
15	128.15	138.65	10.50	8.19%		15	\$ 117.65	\$ 127.84	10.19	8.66%	
1"		Current Rates	Proposed Rates			1"		Current Rates	Proposed Rates		
Customer Service Charge	\$	55.75	\$ 58.00			Customer Service Charge	\$	41.75	\$ 43.50		
Commodity Rate	\$	5.760	\$ 6.360			Commodity Rate	\$	5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change		Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	
5	\$ 84.55	\$ 89.80	\$ 5.25	6.21%		5	\$ 70.55	\$ 75.30	\$ 4.75	6.73%	
10	\$ 113.35	\$ 121.60	8.25	7.28%		10	\$ 99.35	\$ 107.10	7.75	7.80%	
15	\$ 142.15	\$ 153.40	11.25	7.91%		15	\$ 128.15	\$ 138.90	10.75	8.39%	
20	\$ 170.95	\$ 185.20	14.25	8.34%		20	\$ 156.95	\$ 170.70	13.75	8.76%	
25	\$ 199.75	\$ 217.00	17.25	8.64%		25	\$ 185.75	\$ 202.50	16.75	9.02%	
1.5"		Current Rates	Proposed Rates			1.5"		Current Rates	Proposed Rates		
Customer Service Charge	\$	118.00	\$ 122.00			Customer Service Charge	\$	89.00	\$ 91.50		
Commodity Rate	\$	5.760	\$ 6.360			Commodity Rate	\$	5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change		Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	
50	\$ 406.00	\$ 440.00	\$ 34.00	8.37%		50	\$ 377.00	\$ 409.50	\$ 32.50	8.62%	
60	\$ 463.60	\$ 503.60	40.00	8.63%		60	\$ 434.60	\$ 473.10	38.50	8.86%	
70	\$ 521.20	\$ 567.20	46.00	8.83%		70	\$ 492.20	\$ 536.70	44.50	9.04%	
80	\$ 578.80	\$ 630.80	52.00	8.98%		80	\$ 549.80	\$ 600.30	50.50	9.19%	
90	\$ 636.40	\$ 694.40	58.00	9.11%		90	\$ 607.40	\$ 663.90	56.50	9.30%	

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2"	Current Rates	Proposed Rates			2"	Current Rates	Proposed Rates		
Customer Service Charge	\$ 175.00	\$ 181.00			Customer Service Charge	\$ 131.00	\$ 135.75		
Commodity Rate	\$ 5.760	\$ 6.360			Commodity Rate	\$ 5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change
60	\$ 520.60	\$ 562.60	\$ 42.00	8.07%	60	\$ 476.60	\$ 517.35	\$ 40.75	8.55%
70	\$ 578.20	\$ 626.20	48.00	8.30%	70	\$ 534.20	\$ 580.95	46.75	8.75%
80	\$ 635.80	\$ 689.80	54.00	8.49%	80	\$ 591.80	\$ 644.55	52.75	8.91%
90	\$ 693.40	\$ 753.40	60.00	8.65%	90	\$ 649.40	\$ 708.15	58.75	9.05%
100	\$ 751.00	\$ 817.00	66.00	8.79%	100	\$ 707.00	\$ 771.75	64.75	9.16%
3"	Current Rates	Proposed Rates			3"	Current Rates	Proposed Rates		
Customer Service Charge	\$ 270.00	\$ 279.50			Customer Service Charge	\$ 202.00	\$ 209.63		
Commodity Rate	\$ 5.760	\$ 6.360			Commodity Rate	\$ 5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change
70	\$ 673.20	\$ 724.70	\$ 51.50	7.65%	70	\$ 605.20	\$ 654.83	\$ 49.63	8.20%
80	\$ 730.80	\$ 788.30	57.50	7.87%	80	\$ 662.80	\$ 718.43	55.63	8.39%
90	\$ 788.40	\$ 851.90	63.50	8.05%	90	\$ 720.40	\$ 782.03	61.63	8.55%
100	\$ 846.00	\$ 915.50	69.50	8.22%	100	\$ 778.00	\$ 845.63	67.63	8.69%
110	\$ 903.60	\$ 979.10	75.50	8.36%	110	\$ 835.60	\$ 909.23	73.63	8.81%
4"	Current Rates	Proposed Rates			4"	Current Rates	Proposed Rates		
Customer Service Charge	\$ 432.00	\$ 447.00			Customer Service Charge	\$ 324.00	\$ 335.25		
Commodity Rate	\$ 5.760	\$ 6.360			Commodity Rate	\$ 5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change
80	\$ 892.80	\$ 955.80	\$ 63.00	7.06%	80	\$ 784.80	\$ 844.05	\$ 59.25	7.55%
90	\$ 950.40	\$ 1,019.40	69.00	7.26%	90	\$ 842.40	\$ 907.65	65.25	7.75%
100	\$ 1,008.00	\$ 1,083.00	75.00	7.44%	100	\$ 900.00	\$ 971.25	71.25	7.92%
110	\$ 1,065.60	\$ 1,146.60	81.00	7.60%	110	\$ 957.60	\$ 1,034.85	77.25	8.07%
120	\$ 1,123.20	\$ 1,210.20	87.00	7.75%	120	\$ 1,015.20	\$ 1,098.45	83.25	8.20%
6"	Current Rates	Proposed Rates			6"	Current Rates	Proposed Rates		
Customer Service Charge	\$ 674.00	\$ 698.00			Customer Service Charge	\$ 506.00	\$ 523.50		
Commodity Rate	\$ 5.760	\$ 6.360			Commodity Rate	\$ 5.760	\$ 6.360		
Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change	Monthly Usage Level in CCF	Current Rates	Proposed Rates	Dollar Impact	Percent Change
90	\$ 1,192.40	\$ 1,270.40	\$ 78.00	6.54%	90	\$ 1,024.40	\$ 1,095.90	\$ 71.50	6.98%
100	\$ 1,250.00	\$ 1,334.00	84.00	6.72%	100	\$ 1,082.00	\$ 1,159.50	77.50	7.16%
110	\$ 1,307.60	\$ 1,397.60	90.00	6.88%	110	\$ 1,139.60	\$ 1,223.10	83.50	7.33%
120	\$ 1,365.20	\$ 1,461.20	96.00	7.03%	120	\$ 1,197.20	\$ 1,286.70	89.50	7.48%
130	\$ 1,422.80	\$ 1,524.80	102.00	7.17%	130	\$ 1,254.80	\$ 1,350.30	95.50	7.61%