

APPENDIX 1 – Rate Design and Impacts

SHAWSA, MI
Water Department



Forecasted 2025 with 4.5% Proposed Rate Increase

		Current Rates	Proposed 2025
Commodity Rate Inside			
	<i>Rate - 1st 25 CCF</i>	\$3.500	\$3.750
	<i>Rate - 26 to 249 CCF</i>	\$3.500	\$3.750
	<i>Rate - Over 250 CCF</i>	\$3.500	\$3.750
Commodity Rate Outside			
	<i>Rate - 1st 25 CCF</i>	\$3.500	\$3.750
	<i>Rate - 26 to 249 CCF</i>	\$3.500	\$3.750
	<i>Rate - Over 250 CCF</i>	\$3.500	\$3.750
Inside City			
	5/8"	\$ 42.25	\$ 43.50
	3/4"	42.25	43.50
	1"	60.00	62.00
	1.5"	109.00	112.00
	2"	156.50	161.00
	3"	260.00	268.00
	4"	422.00	435.00
	6"	649.00	669.00
	8"	974.00	1,000.00
Outside City			
	5/8"	\$ 38.00	\$ 39.15
	3/4"	38.00	39.15
	1"	54.00	55.80
	1.5"	98.25	100.80
	2"	141.00	144.90
	3"	234.00	241.20
	4"	380.00	391.50
	6"	585.00	602.10
	8"	877.00	900.00
Overall Increase			4.5%

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 Chrg	\$	42.25	\$	43.50		Customer Service Chrg	\$	38.00	\$	39.15					
Rate - 1st 25 CCF		3.50		3.75		Rate - 1st 25 CCF	\$	3.500	\$	3.750					
Rate - 26 to 249 CCF		3.50		3.75		Rate - 26 to 249 CCF	\$	3.500	\$	3.750					
Rate - Over 250 CCF		3.50		3.75		Rate - Over 250 CCF	\$	3.500	\$	3.750					
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						
6	\$	63.25	\$	66.00	\$	2.75	4.35%	6	\$	59.00	\$	61.65	\$	2.65	4.49%
7		66.75		69.75		3.00	4.49%	7		62.50		65.40		2.90	4.64%
9		73.75		77.25		3.50	4.75%	9		69.50		72.90		3.40	4.89%
12		84.25		88.50		4.25	5.04%	12		80.00		84.15		4.15	5.19%
15		94.75		99.75		5.00	5.28%	15		90.50		95.40		4.90	5.41%
3/4"		Current Rates	Proposed Rates			3/4"		Current Rates	Proposed Rates						
Customer Service Chrg	\$	42.25	\$	43.50		Customer Service Chrg	\$	38.00	\$	39.15					
Rate - 1st 25 CCF	\$	3.500	\$	3.750		Rate - 1st 25 CCF	\$	3.500	\$	3.750					
Rate - 26 to 249 CCF	\$	3.500	\$	3.750		Rate - 26 to 249 CCF	\$	3.500	\$	3.750					
Rate - Over 250 CCF	\$	3.500	\$	3.750		Rate - Over 250 CCF	\$	3.500	\$	3.750					
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						
6	\$	63.25	\$	66.00	\$	2.75	4.35%	6	\$	59.00	\$	61.65	\$	2.65	4.49%
7		66.75		69.75		3.00	4.49%	7		62.50		65.40		2.90	4.64%
9		73.75		77.25		3.50	4.75%	9		69.50		72.90		3.40	4.89%
12		84.25		88.50		4.25	5.04%	12		80.00		84.15		4.15	5.19%
15		94.75		99.75		5.00	5.28%	15		90.50		95.40		4.90	5.41%
1"		Current Rates	Proposed Rates			1"		Current Rates	Proposed Rates						
Customer Service Chrg	\$	60.00	\$	62.00		Customer Service Chrg	\$	54.00	\$	55.80					
Rate - 1st 25 CCF	\$	3.500	\$	3.750		Rate - 1st 25 CCF	\$	3.500	\$	3.750					
Rate - 26 to 249 CCF	\$	3.500	\$	3.750		Rate - 26 to 249 CCF	\$	3.500	\$	3.750					
Rate - Over 250 CCF	\$	3.500	\$	3.750		Rate - Over 250 CCF	\$	3.500	\$	3.750					
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						
10	\$	95.00	\$	99.50	\$	4.50	4.74%	10	\$	89.00	\$	93.30	\$	4.30	4.83%
15		112.50		118.25		5.75	5.11%	15		106.50		112.05		5.55	5.21%
20		130.00		137.00		7.00	5.38%	20		124.00		130.80		6.80	5.48%
25		147.50		155.75		8.25	5.59%	25		141.50		149.55		8.05	5.69%
30		165.00		174.50		9.50	5.76%	30		159.00		168.30		9.30	5.85%
1.5"		Current Rates	Proposed Rates			1.5"		Current Rates	Proposed Rates						
Customer Service Chrg	\$	109.00	\$	112.00		Customer Service Chrg	\$	98.25	\$	100.80					
Rate - 1st 25 CCF	\$	3.500	\$	3.750		Rate - 1st 25 CCF	\$	3.500	\$	3.750					
Rate - 26 to 249 CCF	\$	3.500	\$	3.750		Rate - 26 to 249 CCF	\$	3.500	\$	3.750					
Rate - Over 250 CCF	\$	3.500	\$	3.750		Rate - Over 250 CCF	\$	3.500	\$	3.750					
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						
30	\$	214.00	\$	224.50	\$	10.50	4.91%	30	\$	203.25	\$	213.30	\$	10.05	4.94%
35		231.50		243.25		11.75	5.08%	35		220.75		232.05		11.30	5.12%
40		249.00		262.00		13.00	5.22%	40		238.25		250.80		12.55	5.27%
45		266.50		280.75		14.25	5.35%	45		255.75		269.55		13.80	5.40%
50		284.00		299.50		15.50	5.46%	50		273.25		288.30		15.05	5.51%

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2"					2"				
	Current Rates	Proposed Rates				Current Rates	Proposed Rates		
Customer Service Charge	\$ 156.50	\$ 161.00			Customer Service Charge	\$ 141.00	\$ 144.90		
Rate - 1st 25 CCF	\$ 3.500	\$ 3.750			Rate - 1st 25 CCF	\$ 3.500	\$ 3.750		
Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750			Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750		
Rate - Over 250 CCF	\$ 3.500	\$ 3.750			Rate - Over 250 CCF	\$ 3.500	\$ 3.750		
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	\$ 331.50	\$ 348.50	\$ 17.00	5.13%	50	\$ 316.00	\$ 332.40	\$ 16.40	5.19%
60	\$ 366.50	\$ 386.00	19.50	5.32%	60	\$ 351.00	\$ 369.90	18.90	5.38%
70	\$ 401.50	\$ 423.50	22.00	5.48%	70	\$ 386.00	\$ 407.40	21.40	5.54%
80	\$ 436.50	\$ 461.00	24.50	5.61%	80	\$ 421.00	\$ 444.90	23.90	5.68%
90	\$ 471.50	\$ 498.50	27.00	5.73%	90	\$ 456.00	\$ 482.40	26.40	5.79%
3"					3"				
	Current Rates	Proposed Rates				Current Rates	Proposed Rates		
Customer Service Charge	\$ 260.00	\$ 268.00			Customer Service Charge	\$ 234.00	\$ 241.20		
Rate - 1st 25 CCF	\$ 3.500	\$ 3.750			Rate - 1st 25 CCF	\$ 3.500	\$ 3.750		
Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750			Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750		
Rate - Over 250 CCF	\$ 3.500	\$ 3.750			Rate - Over 250 CCF	\$ 3.500	\$ 3.750		
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	\$ 575.00	\$ 605.50	\$ 30.50	5.30%	90	\$ 549.00	\$ 578.70	\$ 29.70	5.41%
120	\$ 680.00	\$ 718.00	38.00	5.59%	120	\$ 654.00	\$ 691.20	37.20	5.69%
140	\$ 750.00	\$ 793.00	43.00	5.73%	140	\$ 724.00	\$ 766.20	42.20	5.83%
160	\$ 820.00	\$ 868.00	48.00	5.85%	160	\$ 794.00	\$ 841.20	47.20	5.94%
180	\$ 890.00	\$ 943.00	53.00	5.96%	180	\$ 864.00	\$ 916.20	52.20	6.04%
4"					4"				
	Current Rates	Proposed Rates				Current Rates	Proposed Rates		
Customer Service Charge	\$ 422.00	\$ 435.00			Customer Service Charge	\$ 380.00	\$ 391.50		
Rate - 1st 25 CCF	\$ 3.500	\$ 3.750			Rate - 1st 25 CCF	\$ 3.500	\$ 3.750		
Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750			Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750		
Rate - Over 250 CCF	\$ 3.500	\$ 3.750			Rate - Over 250 CCF	\$ 3.500	\$ 3.750		
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
180	\$ 1,052.00	\$ 1,110.00	\$ 58.00	5.51%	180	\$ 1,010.00	\$ 1,066.50	\$ 56.50	5.59%
200	\$ 1,122.00	\$ 1,185.00	63.00	5.61%	200	\$ 1,080.00	\$ 1,141.50	61.50	5.69%
220	\$ 1,192.00	\$ 1,260.00	68.00	5.70%	220	\$ 1,150.00	\$ 1,216.50	66.50	5.78%
240	\$ 1,262.00	\$ 1,335.00	73.00	5.78%	240	\$ 1,220.00	\$ 1,291.50	71.50	5.86%
260	\$ 1,332.00	\$ 1,410.00	78.00	5.86%	260	\$ 1,290.00	\$ 1,366.50	76.50	5.93%
6"					6"				
	Current Rates	Proposed Rates				Current Rates	Proposed Rates		
Customer Service Charge	\$ 649.00	\$ 669.00			Customer Service Charge	\$ 585.00	\$ 602.10		
Rate - 1st 25 CCF	\$ 3.500	\$ 3.750			Rate - 1st 25 CCF	\$ 3.500	\$ 3.750		
Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750			Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750		
Rate - Over 250 CCF	\$ 3.500	\$ 3.750			Rate - Over 250 CCF	\$ 3.500	\$ 3.750		
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
200	\$ 1,349.00	\$ 1,419.00	\$ 70.00	5.19%	200	\$ 1,285.00	\$ 1,352.10	\$ 67.10	5.22%
220	\$ 1,419.00	\$ 1,494.00	75.00	5.29%	220	\$ 1,355.00	\$ 1,427.10	72.10	5.32%
240	\$ 1,489.00	\$ 1,569.00	80.00	5.37%	240	\$ 1,425.00	\$ 1,502.10	77.10	5.41%
260	\$ 1,559.00	\$ 1,644.00	85.00	5.45%	260	\$ 1,495.00	\$ 1,577.10	82.10	5.49%
280	\$ 1,629.00	\$ 1,719.00	90.00	5.52%	280	\$ 1,565.00	\$ 1,652.10	87.10	5.57%
8"					8"				
	Current Rates	Proposed Rates				Current Rates	Proposed Rates		
Customer Service Charge	\$ 974.00	\$ 1,000.00			Customer Service Charge	\$ 877.00	\$ 900.00		
Rate - 1st 25 CCF	\$ 3.500	\$ 3.750			Rate - 1st 25 CCF	\$ 3.500	\$ 3.750		
Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750			Rate - 26 to 249 CCF	\$ 3.500	\$ 3.750		
Rate - Over 250 CCF	\$ 3.500	\$ 3.750			Rate - Over 250 CCF	\$ 3.500	\$ 3.750		
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
300	\$ 2,024.00	\$ 2,125.00	\$ 101.00	4.99%	300	\$ 1,927.00	\$ 2,025.00	\$ 98.00	5.09%
400	\$ 2,374.00	\$ 2,500.00	126.00	5.31%	400	\$ 2,277.00	\$ 2,400.00	123.00	5.40%
500	\$ 2,724.00	\$ 2,875.00	151.00	5.54%	500	\$ 2,627.00	\$ 2,775.00	148.00	5.63%
1000	\$ 4,474.00	\$ 4,750.00	276.00	6.17%	1000	\$ 4,377.00	\$ 4,650.00	273.00	6.24%
2100	\$ 8,324.00	\$ 8,875.00	551.00	6.62%	2100	\$ 8,227.00	\$ 8,775.00	548.00	6.66%