

CITY OF HARPER WOODS
TABLE 1
EXISTING AND PROPOSED WATER & SEWER RATE COMPARISON
2016 BUDGET YEAR

RATE CATEGORY	EXISTING RATE	PROPOSED RATE	PERCENT CHANGE
Meter Charge (Quarterly) -Per Equivalent Meter			
Water Meter Charge Total	\$21.3000	\$23.7600	
Sewer Meter Charge Total	\$37.5600	\$41.9100	
Meter Charge (Quarterly) -Per Meter			
Refuse User Fee	\$5.0000	\$5.0000	
Total Meter Charge	\$63.86	\$70.67	10.7%
Debt Service Charge (Quarterly) -Per Equivalent Meter			
Total Meter Charge	\$8.40	\$7.50	-10.7%
Commodity Charge - Sewer -Per MCF			
Total Commodity Sewer	\$20.50	\$22.88	11.6%
Commodity Charge - Water -Per MCF			
Total Commodity Water	\$17.30	\$19.31	11.6%
Combined Water & Sewer Comm. Charge	\$37.80	\$42.19	11.6%
Grand Total (Including 2.0 MCF/quarter Use)	\$147.86	\$162.55	9.9%
Industrial Waste Control Charges	Per GLWA Adopted Rates		

CITY OF HARPER WOODS

TABLE 3

**Quarterly Rate Comparisons At Various Water Consumption Volumes
2016 BUDGET YEAR**

<i>Proposed Charge</i>					<i>Existing Charge</i>			
<i>MCF Used</i>	<i>Meter</i>	<i>Debt Service</i>	<i>Refuse User Fee</i>	<i>Commodity</i>	<i>Total</i>	<i>Total</i>	<i>Net Increase</i>	<i>Percent Change</i>
Water System								
0.0	\$23.76	\$0.00	\$0.00	\$0.00	\$23.76	\$21.30	\$2.46	11.5%
1.0	\$23.76	\$0.00	\$0.00	\$19.31	\$43.07	\$38.60	\$4.47	11.6%
2.0	\$23.76	\$0.00	\$0.00	\$38.62	\$62.38	\$55.90	\$6.48	11.6%
4.0	\$23.76	\$0.00	\$0.00	\$77.24	\$101.00	\$90.50	\$10.50	11.6%
8.0	\$23.76	\$0.00	\$0.00	\$154.48	\$178.24	\$159.70	\$18.54	11.6%
Sewer System								
0.0	\$41.91	\$7.50	\$5.00	\$0.00	\$54.41	\$50.96	\$3.45	6.8%
1.0	\$41.91	\$7.50	\$5.00	\$22.88	\$77.29	\$71.46	\$5.83	8.2%
2.0	\$41.91	\$7.50	\$5.00	\$45.76	\$100.17	\$91.96	\$8.21	8.9%
4.0	\$41.91	\$7.50	\$5.00	\$91.52	\$145.93	\$132.96	\$12.97	9.8%
8.0	\$41.91	\$7.50	\$5.00	\$183.04	\$237.45	\$214.96	\$22.49	10.5%
Water & Sewer Combined Billing								
0.0	\$65.67	\$7.50	\$5.00	\$0.00	\$78.17	\$72.26	\$5.91	8.2%
1.0	\$65.67	\$7.50	\$5.00	\$42.19	\$120.36	\$110.06	\$10.30	9.4%
2.0	\$65.67	\$7.50	\$5.00	\$84.38	\$162.55	\$147.86	\$14.69	9.9%
4.0	\$65.67	\$7.50	\$5.00	\$168.76	\$246.93	\$223.46	\$23.47	10.5%
8.0	\$65.67	\$7.50	\$5.00	\$337.52	\$415.69	\$374.66	\$41.03	11.0%

Residential Monthly Water and Sewer Rate Comparison

Table 11

Using 0.67 MCF (5,000 gallons) per Month

Community	Effective Date	Water Cost	Sewer Cost	Total Cost	Price/Gallon
Harper Woods¹	Jul-16	\$ 20.80	\$ 31.73	\$ 52.53	1.05 ¢
Eastpointe ²	Jan-16	\$ 23.77	\$ 44.85	\$ 68.61	1.38 ¢
Grosse Pointe Woods ¹	Jul-16	\$ 34.97	\$ 37.68	\$ 72.65	1.46 ¢
St. Clair Shores ¹	Jul-16	\$ 32.49	\$ 43.13	\$ 75.62	1.52 ¢

¹ Costs Based on Proposed Rates

² Costs Based on Existing Rates