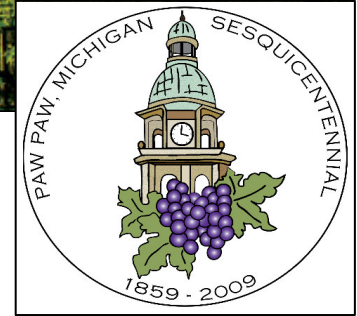


Compiled by
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Water and Sanitary Sewer Rate Comparison

Data Compiled May/June 2009

The attached Rate Comparison spreadsheet presents and compares water/sewer rate information submitted by thirty-one (31) municipalities. The rates have been converted to a monthly basis and expressed in terms of cost per 1,000 gallons to provide a uniform basis for comparison.

The charts included in this survey provide a comparison of the cost of a typical monthly residential water and sewer bills of the participating municipalities. There are different charts reflecting municipalities by total and separate costs. There is a worksheet comparing individual costs to the average costs. Population and taxable values are included for your use and computations.

A disc is included with this mailing. The Excel file should easily load. You may then compile additional data or make calculations related to population, taxable values or other particular interests or needs. Several communities added comments to different pieces of information. These do not show up on the printed forms but are included in the digital copy. A disc has been provided for your reference.

This survey does not take into account a municipality's costs related to the type of treatment required: ground water wells or surface water treatment of drinking water, nor does it take into account types of wastewater treatment facilities; i.e. lagoons or mechanical treatment. All of these factors will typically have a significant impact on costs. These factors, as well as other information affecting costs, are shown in the "Reported Rates" tab of the spreadsheet wherever such information was provided by the reporting municipality.

Water and Sewer Comparison Data for 31 Michigan Communities; 2009

Community	Bangor	Birch Run	Bronson	Buchanan	Cass City	Clinton	Corunna
County	Van Buren	Saginaw	Branch	Berrien	Tuscola	Lenawee	Shiawassee
Population (2000 Census & Reported Estimates)	1,837	1,653	2,421	4,669	2,643	2,293	3,381
Current Taxable Value of Municipality (\$M)	< \$50 M	\$50-\$99 M	DNA	\$50-\$99 M	<\$50 M	\$50-\$99 M	\$50-\$99 M
DNA = Did Not Answer							
Water Utility Information							
Own Water System or Part of Authority	Own	Own	Own	Own	Own	Own	No
Billing Period	Monthly	Quarterly	Bi-Monthly	Monthly	Monthly	Monthly	Monthly
Late Fee - Delinquent Fee	10%	10%	10%	10%	10%	10%	10%
How Long Delinquent before fee	1 month	1 month	1 month	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	\$ 30.00	\$ 25.00	\$ 30.00	\$ 80.50	\$ 25.00	\$ 75.00	\$ 35.00
How Long Delinquent before Shut-Off	2 months	1 month	2 months	1 month	3 months	2 months	2 months
NSF Fee	\$ 25.00	\$ 25.00	DNA	\$ 25.00	\$ 25.00	\$ 30.00	\$ 30.00
RTS Fee applied to Vacant Lots	No	No	DNA	No	No	No	Yes
RTS Fee applied to Vacant Buildings	Yes	Yes	DNA	Yes	Yes	DNA	Yes
Current Water Rates:				See Note			
Minimum Bill (Converted to monthly basis):							
Line Fee - Ready to Serve (Monthly):							
Base RTS Rates		\$ 14.83					\$ 7.75
5/8" Line	\$ 9.00	\$ 14.83		\$ 7.62			
3/4" Line		\$ 40.42	\$ 11.90	\$ 7.62			
1" Line	\$ 23.00	\$ 57.48	\$ 29.75	\$ 7.62			
1 1/2" Line		\$ 104.40	\$ 59.50	\$ 38.09			
2" Line	\$ 60.00	\$ 147.05	\$ 95.20	\$ 60.94			
3" Line		\$ 211.02	\$ 178.50	\$ 121.88			
4" Line	\$ 175.00	275.00	\$ 297.50	\$ 190.44			
6" Line		402.95	\$ 595.00	\$ 380.88			
8" Line		\$ 530.90		\$ 609.41			
NO RTS Fee					No RTS Fee	No RTS Fee	
Commodity Rate:							
Included with minimum bill:	-	-	-	-	1,667	-	1,000
Per 1,000 gallons	\$ 2.89	\$ 4.00	\$ 1.56	\$ 2.88	\$ 17.25	\$ 1.38	\$ 2.50
Per 100 cubic feet	\$ 2.16	\$ 2.99	\$ 1.17	\$ 2.15	\$ 12.90	\$ 1.03	\$ 1.87
Per cubic meter	\$ 0.76	\$ 1.06	\$ 0.41	\$ 0.76	\$ 4.56	\$ 0.36	\$ 0.66
Other charges (Monthly):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3.00	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 26.32	\$ 38.83	\$ 21.26	\$ 24.90	\$ 74.74	\$ 11.28	\$ 20.25
Unmetered Commodity Flat Rate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Utility Information							
Own Water System or Part of Authority	Own	Own	DNA	Own	Own	Own	No
Billing Period	Monthly	Quarterly	Bi-monthly	Monthly	Monthly	Monthly	Monthly
Late Fee - Delinquent Fee	10%	10%	10%	10%	10%	10%	10%
How Long Delinquent before fee	1 month	1 month	1 month	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	\$ 30.00	\$ 25.00	\$ 30.00	\$ 80.50	with water	\$ 75.00	None
How Long Delinquent before Shut-Off	2 months	1 month	2 months	1 month	3 months	2 months	2 months
NSF Fee	\$ 25.00	\$ 25.00	DNA	\$ 25.00	\$ 25.00	\$ 30.00	\$ 30.00
RTS Fee applied to Vacant Lots	No	No	DNA	No	No	No	Yes
RTS Fee applied to Vacant Buildings	Yes	Yes	DNA	Yes	Yes	No	Yes
Current Sewer Rates:							
Minimum Bill (Converted to monthly basis):							
Residential	\$ -	\$ 16.23	\$ -				
Commercial	\$ -	\$ 18.97	\$ -				
Line Fee - Ready to Serve (Monthly):							
Base Rate (Residential)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7.75
5/8" Line				\$ 7.62			
3/4" Line			\$ 23.25	\$ 7.62			
1" Line			\$ 58.13	\$ 7.62			
1 1/2" Line			\$ 116.25	\$ 38.09			
2" Line			\$ 186.00	\$ 60.94			
3" Line			\$ 348.75	\$ 121.88			
4" Line			\$ 581.25	\$ 190.44			
6" Line			\$ 1,162.50	\$ 380.88			
8" Line				\$ 609.41			
NO RTS FEE	No RTS Fee				No RTS Fee	No RTS Fee	
Commodity Rate: Residential							
Included with minimum bill:	-	-	-	-	3,300	-	1,000
Per 1,000 gallons	\$ 7.39	\$ 4.44	\$ 1.43	\$ 5.16	\$ 25.75	\$ 6.75	\$ 2.75
Per 100 cubic feet	\$ 5.53	\$ 3.32	\$ 1.07	\$ 3.86	\$ 19.26	\$ 5.05	\$ 2.06
Per cubic meter	\$ 1.95	\$ 1.17	\$ 0.38	\$ 1.36	\$ 6.80	\$ 1.78	\$ 0.73
Other charges (Monthly):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6.00	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 44.36	\$ 42.87	\$ 31.83	\$ 38.58	\$ 69.53	\$ 46.50	\$ 21.50
Unmetered Commodity Flat Rate	\$ -	\$ 17.32	\$ -	\$ -	\$ 38.63	\$ -	\$ 35.00
Total Average Residential Customer for both Water and Sanitary Sewer							
	\$ 70.68	\$ 81.70	\$ 53.09	\$ 63.48	\$ 144.27	\$ 57.78	\$ 41.75
This survey does not take into account a municipality's costs related to the type of treatment required: ground water wells or surface water treatment of drinking water, nor does it take into account types of wastewater treatment facilities; i.e. lagoons or mechanical treatment. All of these factors will typically have an impact on costs.							

Water and Sewer Comparison Data for 31 Michigan Communities; 2009

Community	Dexter	Dundee	East Tawas	<i>East Tawas</i>	Essexville	Ewart	Ferrysburg
County	Washtenaw	Monroe	Iosco		Bay	Osceola	Ottawa
Population (2000 Census & Reported Estimates)	3,500	4,000	2,951		3,866	1,738	3,040
Current Taxable Value of Municipality (\$M)	\$200-\$249 M	\$250 M +	\$50-\$99 M		\$50-\$99 M	\$50-\$99 M	\$150-\$199 M
DNA = Did Not Answer							
Water Utility Information							
Own Water System or Part of Authority	Yes	Yes	Authority		No	Yes	Authority
Billing Period	Bi-Monthly	Quarterly	Monthly		Quarterly	Quarterly	Quarterly
Late Fee - Delinquent Fee	5%	10%	10%		10%	9%	6%
How Long Delinquent before fee	1 month	1 month	1 month		1 month	1 month	1 month
Shut-Off / Turn-On Fee	\$ 35.00	\$ 25.00	\$ 20.00		\$ 50.00	\$ 25.00	\$ 45.00
How Long Delinquent before Shut-Off	> 3 Months	2 months	3 months		2 months	2 months	3 months
NSF Fee	\$ 25.00	\$ 25.00	\$ 25.00		\$ 25.00	\$ 25.00	\$ 20.00
RTS Fee applied to Vacant Lots	No	DNA	Yes		No	No	No
RTS Fee applied to Vacant Buildings	Yes	DNA	Yes		Yes	Yes	No
Current Water Rates:							
Minimum Bill (Converted to monthly basis):				Property	Non Property		
Line Fee - Ready to Serve (Monthly):				Taxpayer	Taxpayer		
Base RTS Rates	\$ 6.14					\$ -	\$ -
5/8" Line		\$ 2.67	\$ 10.00	\$ 16.26	\$ 2.50		
3/4" Line		\$ 2.67	\$ 10.00	\$ 16.26	\$ 2.50		\$ 8.96
1" Line		\$ 6.67	\$ 10.27	\$ 21.35	\$ 3.33		\$ 15.94
1 1/2" Line		\$ 26.67	\$ 11.49	\$ 33.69	\$ 5.17		\$ 35.83
2" Line		\$ 43.33	\$ 12.50	\$ 53.20	\$ 7.67		\$ 63.68
3" Line		\$ 66.67	\$ 13.85	\$ 125.72	\$ 13.33		\$ 143.31
4" Line		\$ 100.00	\$ 15.54	\$ 141.63	\$ 19.50		\$ 254.73
6" Line		\$ 216.67	\$ 18.24	\$ 228.26	\$ 19.50		\$ 609.05
8" Line		\$ 300.00			\$ 19.50		
NO RTS Fee						No RTS Fee	
Commodity Rate:							
Included with minimum bill:		10,000			-		-
Per 1,000 gallons	\$ 2.77	\$ 3.54	\$ 3.00	\$ 4.40	\$ 5.01	\$ 1.46	\$ 2.76
Per 100 cubic feet	\$ 2.07	\$ 2.65	\$ 2.24	\$ 3.29	\$ 3.75	\$ 1.09	\$ 2.07
Per cubic meter	\$ 0.73	\$ 0.94	\$ 0.79	\$ 1.16	\$ 1.32	\$ 0.39	\$ 0.73
Other charges (Monthly):	\$ -	\$ 2.64	\$ -	\$ -	\$ -	\$ -	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 22.76	\$ 26.55	\$ 28.00	\$ 42.66	\$ 32.58	\$ 8.76	\$ 25.54
Unmetered Commodity Flat Rate	\$ -	\$ 11.80	\$ -	\$ -	\$ -	\$ -	\$ 10.00
Sewer Utility Information							
Own Water System or Part of Authority	Own	Own	Authority		Own	Own	Authority
Billing Period	Bi-Monthly	Quarterly	Monthly		Quarterly	Quarterly	Quarterly
Late Fee - Delinquent Fee	5%	10%	10%		10%	DNA	6%
How Long Delinquent before fee	1 month	1 month	1 month		1 month	DNA	3 months
Shut-Off / Turn-On Fee	\$ 35.00	\$ 25.00	\$ 20.00		\$ 50.00	DNA	No Shut-off
How Long Delinquent before Shut-Off	> 3 Months	2 months	3 months		2 months	DNA	3 months
NSF Fee	\$ 25.00	\$ 25.00	\$ 25.00		\$ 25.00	\$ 25.00	\$ 20.00
RTS Fee applied to Vacant Lots	No	DNA	Yes		No	No	No
RTS Fee applied to Vacant Buildings	Yes	DNA	Yes		No	Yes	No
Current Sewer Rates:							
Minimum Bill (Converted to monthly basis):							
Residential						\$ 11.92	\$ -
Commercial							
Line Fee - Ready to Serve (Monthly):							
Base Rate (Residential)	\$ 5.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5/8" Line			\$ 10.00				
3/4" Line			\$ 10.00				\$ 4.47
1" Line			\$ 16.67				\$ 7.96
1 1/2" Line			\$ 36.67				\$ 17.88
2" Line			\$ 65.00				\$ 31.78
3" Line			\$ 146.67				\$ 71.52
4" Line			\$ 260.00				\$ 127.13
6" Line							\$ 303.96
8" Line							
NO RTS FEE		No RTS Fee			No RTS Fee		
Commodity Rate: Residential							
Included with minimum bill:					-	-	-
Per 1,000 gallons	\$ 6.54	\$ 4.20	\$ 2.20		\$ 7.02	\$ 1.42	\$ 2.42
Per 100 cubic feet	\$ 4.89	\$ 3.14	\$ 1.65		\$ 5.25	\$ 1.06	\$ 1.81
Per cubic meter	\$ 1.73	\$ 1.11	\$ 0.58		\$ 1.85	\$ 0.38	\$ 0.64
Other charges (Monthly):	\$ -	\$ 0.38	\$ -	\$ -	\$ -	\$ 1.44	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 44.55	\$ 25.58	\$ 23.20		\$ 42.11	\$ 21.88	\$ 19.01
Unmetered Commodity Flat Rate	\$ -	\$ -	\$ 20.12	\$ -	\$ -	\$ 11.92	\$ 21.33
Total Average Residential Customer for both Water and Sanitary Sewer							
	\$ 67.31	\$ 52.13	\$ 51.20		\$ 74.69	\$ 30.64	\$ 44.55
This survey does not take into account a municipality's costs related to the type of treatment required: ground water wells or surface water treatment of drinking water, nor does it take into account types of wastewater treatment facilities; i.e. lagoons or mechanical treatment. All of these factors will typically have an impact on costs.							

Water and Sewer Comparison Data for 31 Michigan Communities; 2009

Community	Fowlerville	Hartford	Howard City	Jonesville	Kalkaska	L'Anse	Leslie
County	Livingston	Van Buren	Montcalm	Hillsdale	Kalkaska	Baraga	Ingham
Population (2000 Census & Reported Estimates)	2,972	2,476	1,765	2,337	2,562	2,107	2,044
Current Taxable Value of Municipality (\$M)	\$100-\$149 M	< \$50 M	< \$50 M	< \$50 M	\$50-\$99 M	<\$50 M	< \$50 M
DNA = Did Not Answer							
Water Utility Information							
Own Water System or Part of Authority	Yes	Yes	Yes	Yes	Own	Own	Own
Billing Period	Quarterly	Monthly	Monthly	Monthly	Monthly	Monthly	Quarterly
Late Fee - Delinquent Fee	\$4.63/\$10	15%	10%	10%	10%	5%	20%
How Long Delinquent before fee	Varies	1 month	1 month	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	\$ 25.00	\$ 30.00	\$ 30.00	\$ 25.00	\$ 50.00	\$ 100.00	\$ 35.00
How Long Delinquent before Shut-Off	> 3 months	2 months	1 month	1 month	3 months	2 months	1 month
NSF Fee	DNA	\$ 25.00	\$ 25.00	\$ 35.00	\$ 25.00	\$ 25.00	\$ 35.00
RTS Fee applied to Vacant Lots	DNA	No	No	No	No	Yes	No
RTS Fee applied to Vacant Buildings	DNA	Yes	No	Yes	No	Yes	Yes
Current Water Rates:							
Minimum Bill (Converted to monthly basis):						\$ 25.00	\$ 27.56
Line Fee - Ready to Serve (Monthly):							
Base RTS Rates	\$ 2.00	\$ 5.66			\$ 11.50	\$ 15.00	
5/8" Line				\$ 10.62			
3/4" Line			\$ 11.25	\$ 10.62			
1" Line			\$ 28.13	\$ 26.55			
1 1/2" Line			\$ 45.00	\$ 53.10			
2" Line			\$ 90.00	\$ 84.96			
3" Line			\$ 123.75	\$ 169.92			
4" Line			\$ 157.56	\$ 265.00			
6" Line							
8" Line							
NO RTS Fee							No RTS Fee
Commodity Rate:							
Included with minimum bill:	-	-	-	2,000	1,000	3,670	-
Per 1,000 gallons	\$ 3.84	\$ 2.20	\$ 2.10	\$ 1.73	\$ 1.20	\$ 7.90	\$ -
Per 100 cubic feet	\$ 2.87	\$ 1.65	\$ 1.57	\$ 1.29	\$ 0.90	\$ 5.91	\$ -
Per cubic meter	\$ 1.01	\$ 0.58	\$ 0.55	\$ 0.46	\$ 0.32	\$ 2.09	\$ -
Other charges (Monthly):	\$ -	\$ 3.00	\$ -	\$ -	\$ -	\$ -	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 25.04	\$ 21.86	\$ 23.85	\$ 17.54	\$ 17.50	\$ 33.41	\$ 27.56
Unmetered Commodity Flat Rate	\$ 16.67	\$ -	\$ -	\$ -	\$ 100.00		\$ 27.56
Sewer Utility Information							
Own Water System or Part of Authority	Own	Own	Own	Own	Own	Own	Own
Billing Period	Quarterly	Monthly	Monthly	Monthly	Monthly	Monthly	Quarterly
Late Fee - Delinquent Fee	\$10.32	15%	10%	10%	10%	5%	20%
How Long Delinquent before fee	1 month	1 month	1 month	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	DNA	\$ 30.00	\$ 30.00	\$ 25.00	Taxes	DNA	\$ 35.00
How Long Delinquent before Shut-Off	DNA	> 3 months	1 month	1 Month	Taxes	DNA	1 month
NSF Fee	DNA	\$ 25.00	\$ 25.00	\$ 35.00	\$ 25.00	\$ 25.00	\$ 35.00
RTS Fee applied to Vacant Lots	No	No	Yes	No	Yes	Yes	No
RTS Fee applied to Vacant Buildings	Yes	Yes	DNA	Yes	Yes	Yes	\$ 5.00
Current Sewer Rates:							
Minimum Bill (Converted to monthly basis):					\$ 23.50	\$ 30.00	\$ 24.44
Residential			\$ 11.00				
Commercial							
Line Fee - Ready to Serve (Monthly):							
Base Rate (Residential)	\$ -	\$ 4.59	\$ -	\$ -	\$ -	\$ 30.00	\$ -
5/8" Line			\$ 17.60	\$ 25.31		\$ 30.00	
3/4" Line				\$ 25.31		\$ 30.00	
1" Line			\$ 44.00	\$ 58.31		\$ 75.00	
1 1/2" Line			\$ 70.40	\$ 113.29		\$ 150.00	
2" Line			\$ 140.80	\$ 179.29		\$ 240.00	
3" Line			\$ 198.60	\$ 355.31		\$ 450.00	
4" Line			\$ 246.40	\$ 553.31		\$ 840.00	
6" Line							
8" Line							
NO RTS FEE	No RTS Fee						No RTS Fee
Commodity Rate: Residential							
Included with minimum bill:	-	-	-	2,000	-	-	-
Per 1,000 gallons	\$ 7.81	\$ 4.40	\$ 3.20	\$ 7.80	\$ 1.70	\$ 6.07	\$ -
Per 100 cubic feet	\$ 5.84	\$ 3.29	\$ 2.39	\$ 5.83	\$ 1.27	\$ 4.54	\$ -
Per cubic meter	\$ 2.06	\$ 1.16	\$ 0.85	\$ 2.06	\$ 0.45	\$ 1.60	\$ -
Other charges (Monthly):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 46.86	\$ 30.99	\$ 47.80	\$ 31.20	\$ 33.70	\$ 66.42	\$ 24.44
Unmetered Commodity Flat Rate	\$ 39.05	\$ 27.88	\$ 30.40	\$ -	\$ 23.50		\$ 24.44
Total Average Residential Customer for both Water and Sanitary Sewer							
	\$ 71.90	\$ 52.85	\$ 71.65	\$ 48.74	\$ 51.20	\$ 99.83	\$ 52.00
This survey does not take into account a municipality's costs related to the type of treatment required: ground water wells or surface water treatment of drinking water, nor does it take into account types of wastewater treatment facilities; i.e. lagoons or mechanical treatment. All of these factors will typically have an impact on costs.							

Water and Sewer Comparison Data for 31 Michigan Communities; 2009

Community	Morenci	New Buffalo	Otsego	Paw Paw	Quincy	Reed City	Scottville
County	Lenawee	Berrien	Allegan	Van Buren	Branch	Osceloa	Mason
Population (2000 Census & Reported Estimates)	2,398	2,200	3,933	3,363	1,701	2,430	1,266
Current Taxable Value of Municipality (\$M)	DNA	< \$50 M	\$100-\$149 M	\$50-\$99 M	< \$50 M	\$50-\$99 M	< \$50 M
DNA = Did Not Answer							
Water Utility Information							
Own Water System or Part of Authority	Own	Own	Yes	Yes	Yes	Yes	Yes
Billing Period	Quarterly	Bi-Monthly	Quarterly	Monthly	Monthly	Monthly	Monthly
Late Fee - Delinquent Fee	DNA	None	10%	5%	4%	10%	10%
How Long Delinquent before fee	DNA	2 months	1 month	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	DNA	\$ 10.00	\$ 10.00	\$ 50.00	\$ 40.00	\$ 10.00	\$ 40.00
How Long Delinquent before Shut-Off	DNA	3 months	DNA	1 month	2 months	3 months	1 month
NSF Fee	DNA	\$ 25.00	\$ 25.00	\$ 25.00	\$ 30.00	\$ 25.00	\$ 20.00
RTS Fee applied to Vacant Lots	DNA	DNA	No	No	No	No	No
RTS Fee applied to Vacant Buildings	DNA	DNA	Yes	No	Yes	Yes	DNA
Current Water Rates:							
Minimum Bill (Converted to monthly basis):							
Line Fee - Ready to Serve (Monthly):							
Base RTS Rates		\$ 11.00	\$ 3.57		\$ 20.00		
5/8" Line		\$ 11.00	\$ 3.57	\$ 13.65	\$ 20.00	\$ 5.40	\$ 10.03
3/4" Line	\$ 7.62		\$ 3.57	\$ 13.65	\$ 20.00	\$ 5.40	\$ 10.03
1" Line	\$ 11.44	\$ 28.25	\$ 8.96	\$ 23.21	\$ 50.00	\$ 9.72	\$ 17.06
1 1/2" Line	\$ 19.06	\$ 59.50	\$ 17.85	\$ 38.22	\$ 100.00	\$ 21.60	\$ 37.12
2" Line	\$ 38.12	\$ 97.00	\$ 28.56	\$ 57.33	\$ 160.00	\$ 38.88	\$ 67.23
3" Line	\$ 76.23	\$ 219.50	\$ 57.12	\$ 116.03	\$ 300.00	\$ 86.40	\$ 150.51
4" Line	\$ 152.47	\$ 389.50	\$ 89.17	\$ 202.02	\$ 500.00	\$ 155.52	\$ 267.90
6" Line	\$ 266.82	\$ 854.50	\$ 187.50	\$ 491.40	\$ 100.00	\$ 345.60	
8" Line		\$ 1,539.00	\$ 285.60	\$ 887.25		\$ 615.60	
NO RTS Fee							
Commodity Rate:							
Included with minimum bill:							
Per 1,000 gallons	\$ 1.76	\$ 2.50	\$ 1.21	\$ 1.49	\$ 1.70	\$ 1.92	\$ 2.18
Per 100 cubic feet	\$ 1.32	\$ 1.87	\$ 0.91	\$ 1.11	\$ 1.27	\$ 1.44	\$ 1.63
Per cubic meter	\$ 0.46	\$ 0.66	\$ 0.32	\$ 0.39	\$ 0.45	\$ 0.51	\$ 0.58
Other charges (Monthly):	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 18.18	\$ 26.00	\$ 10.83	\$ 22.59	\$ 30.20	\$ 16.92	\$ 23.11
Unmetered Commodity Flat Rate	\$ 22.87	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Utility Information							
Own Water System or Part of Authority	Own	No	Yes	Yes	Yes	Yes	Yes
Billing Period	Quarterly	Bi-Monthly	Quarterly	Monthly	Monthly	Monthly	Monthly
Late Fee - Delinquent Fee	DNA	None	10%	5%	4%	10%	10%
How Long Delinquent before fee	DNA	2 months	1 month	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	DNA	\$ 10.00	\$ 10.00	\$ 50.00	\$ 30.00	\$ 10.00	\$ 40.00
How Long Delinquent before Shut-Off	DNA	3 months	3 months	1 month	2 months	3 months	1 month
NSF Fee	DNA	\$ 25.00	\$ 25.00	\$ 25.00	\$ 30.00	\$ 25.00	\$ 20.00
RTS Fee applied to Vacant Lots	DNA	DNA	No	No	No	No	No
RTS Fee applied to Vacant Buildings	DNA	DNA	Yes	No	No	Yes	DNA
Current Sewer Rates:							
Minimum Bill (Converted to monthly basis):							
Residential		\$ 18.80					
Commercial							
Line Fee - Ready to Serve (Monthly):							
Base Rate (Residential)	\$ 3.83	\$ 18.80	\$ 8.45	\$ -	\$ 10.00	\$ -	\$ -
5/8" Line		\$ 18.80	\$ 8.45	\$ 9.20	\$ 10.00	\$ 2.00	\$ 21.28
3/4" Line			\$ 8.45	\$ 9.20	\$ 10.00	\$ 2.00	\$ 31.93
1" Line		\$ 18.80	\$ 21.12	\$ 14.17	\$ 25.00	\$ 3.60	\$ 44.35
1 1/2" Line		\$ 18.80	\$ 42.23	\$ 26.04	\$ 50.00	\$ 8.00	\$ 97.56
2" Line		\$ 18.80	\$ 67.57	\$ 47.84	\$ 80.00	\$ 14.40	\$ 168.51
3" Line		\$ 18.80	\$ 135.15	\$ 105.16	\$ 150.00	\$ 32.00	\$ 368.95
4" Line		\$ 18.80	\$ 211.17	\$ 187.04	\$ 250.00	\$ 57.60	\$ 652.75
6" Line		\$ 18.80	\$ 422.33	\$ 412.25	\$ 500.00	\$ 128.00	
8" Line			\$ 675.73			\$ 354.00	
NO RTS FEE							
Commodity Rate: Residential							
Included with minimum bill:							
Per 1,000 gallons	\$ 2.47	\$ 3.76	\$ 4.45	\$ 2.07	\$ 2.30	\$ 4.42	\$ 5.25
Per 100 cubic feet	\$ 1.85	\$ 2.81	\$ 3.33	\$ 1.55	\$ 1.72	\$ 3.31	\$ 3.93
Per cubic meter	\$ 0.65	\$ 0.99	\$ 1.18	\$ 0.55	\$ 0.61	\$ 1.17	\$ 1.39
Other charges (Monthly):	\$ 4.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 23.63	\$ 41.36	\$ 35.15	\$ 21.62	\$ 23.80	\$ 28.52	\$ 52.78
Unmetered Commodity Flat Rate	\$ -	\$ -	\$ 75.60	\$ -	\$ 15.00	\$ -	\$ -
Total Average Residential Customer for both Water and Sanitary Sewer							
	\$ 41.81	\$ 67.36	\$ 45.98	\$ 44.21	\$ 54.00	\$ 45.44	\$ 75.89
This survey does not take into account a municipality's costs related to the type of treatment required: ground water wells or surface water treatment of drinking water, nor does it take into account types of wastewater treatment facilities; i.e. lagoons or mechanical treatment. All of these factors will typically have an impact on costs.							

Water and Sewer Comparison Data for 31 Michigan Communities; 2009

Community	Vicksburg	Whitehall	William-ston	Zeeland
County	Kalamazoo	Muskegon	Ingham	Ottawa
Population (2000 Census & Reported Estimates)	2,320	2,884	3,441	5,805
Current Taxable Value of Municipality (\$M)	DNA	\$100-\$149 M	\$100-\$149 M	\$150-\$199 M
DNA = Did Not Answer				
<u>Water Utility Information</u>				
Own Water System or Part of Authority	Yes	Yes	Yes	Yes
Billing Period	Monthly	Quarterly	Bi-monthly	Monthly
Late Fee - Delinquent Fee	10%	10%	5%	1.5%
How Long Delinquent before fee	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	\$ 25.00	\$ 10.00	\$ 100.00	\$ 25.00
How Long Delinquent before Shut-Off	> 3 months	2 months	1 month	1 month
NSF Fee	\$ 25.00	\$ 25.00	\$ 27.50	\$ 15.00
RTS Fee applied to Vacant Lots	DNA	No	Yes	No
RTS Fee applied to Vacant Buildings	DNA	DNA	DNA	Yes
<u>Current Water Rates:</u>				
Minimum Bill (Converted to monthly basis):				
Line Fee - <i>Ready to Serve</i> (Monthly):				
Base RTS Rates				
5/8" Line			\$ 19.51	\$ 5.00
3/4" Line	\$ 1.45		\$ 19.51	\$ 7.25
1" Line	\$ 3.60		\$ 19.51	\$ 12.75
1 1/2" Line			\$ 37.09	\$ 29.00
2" Line	\$ 17.95		\$ 58.28	\$ 51.00
3" Line	\$ 17.95		\$ 107.50	\$ 115.00
4" Line	\$ 17.95		\$ 183.35	\$ 205.00
6" Line	\$ 17.95			\$ 460.00
8" Line				
NO RTS Fee		No RTS Fee		
Commodity Rate:				
Included with minimum bill:				
Per 1,000 gallons	\$ 2.25	\$ 1.79	\$ 2.60	\$ 1.65
Per 100 cubic feet	\$ 1.68	\$ 1.34	\$ 1.94	\$ 1.23
Per cubic meter	\$ 0.59	\$ 0.47	\$ 0.69	\$ 0.44
Other charges (Monthly):	\$ 5.95	\$ 0.84		\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 20.90	\$ 11.58	\$ 35.11	\$ 14.90
Unmetered Commodity Flat Rate	\$ -	\$ -	\$ -	See note
<u>Sewer Utility Information</u>				
Own Water System or Part of Authority	No	Yes	Yes	Yes
Billing Period	Monthly	Quarterly	Bi-monthly	Monthly
Late Fee - Delinquent Fee	10%	10%	5%	1.5%
How Long Delinquent before fee	1 month	1 month	1 month	1 month
Shut-Off / Turn-On Fee	None	None	DNA	\$ 25.00
How Long Delinquent before Shut-Off	> 3 months	2 months	1 month	2 months
NSF Fee	\$ 25.00	\$ 25.00	\$ 27.50	\$ 15.00
RTS Fee applied to Vacant Lots	DNA	No	Yes	No
RTS Fee applied to Vacant Buildings	DNA	No	DNA	Yes
<u>Current Sewer Rates:</u>				
Minimum Bill (Converted to monthly basis):				
Residential				
Commercial				
Line Fee - <i>Ready to Serve</i> (Monthly):				
Base Rate (Residential)	\$ -	\$ -	\$ -	\$ -
5/8" Line			\$ 18.50	\$ 7.70
3/4" Line	\$ 2.60		\$ 18.50	\$ 10.09
1" Line	\$ 6.55		\$ 18.50	\$ 16.17
1 1/2" Line			\$ 36.33	\$ 33.54
2" Line	\$ 32.55		\$ 59.73	\$ 57.87
3" Line	\$ 32.55		\$ 103.69	\$ 127.37
4" Line	\$ 32.55		\$ 174.20	\$ 224.67
6" Line	\$ 32.55			\$ 502.66
8" Line				
NO RTS FEE		No RTS Fee		
Commodity Rate: Residential				
Included with minimum bill:				
Per 1,000 gallons	\$ 3.60	\$ 2.56	\$ 5.11	\$ 2.72
Per 100 cubic feet	\$ 2.69	\$ 1.92	\$ 3.82	\$ 2.03
Per cubic meter	\$ 0.95	\$ 0.68	\$ 1.35	\$ 0.72
Other charges (Monthly):	\$ 6.95	\$ 0.36		\$ -
Average Residential Cost/Month (6,000 gal.)	\$ 31.15	\$ 15.72	\$ 49.16	\$ 24.02
Unmetered Commodity Flat Rate	\$ 19.70	\$ 15.40	\$ 66.10	\$ 28.32
<u>Total Average Residential Customer for both Water and Sanitary Sewer</u>				
	\$ 52.05	\$ 27.30	\$ 84.27	\$ 38.92
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