



RICK SNYDER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
UPPER PENINSULA DISTRICT OFFICE



DAN WYANT  
DIRECTOR

TO: Water & Wastewater Rate Survey Respondents

FROM: Chuck Thomas, P.G., District Supervisor  
Office of Drinking Water and Municipal Assistance  
Steve Casey, P.E., District Supervisor  
Water Resource Division

DATE: March 15, 2013

SUBJECT: Survey Results

The Michigan Department of Environmental Quality (DEQ) appreciates the response to our recent survey request for customer charges for water and wastewater utility service in Upper Peninsula communities. The rate survey is performed once every 5 years and provides valuable information to both the DEQ and local officials. The results of the 2013 rate survey are enclosed. Since not all communities have water and wastewater services, the rate results are provided in the multiple below-listed formats.

1. Communities offering both water & wastewater sorted alphabetically
2. Communities offering both water & wastewater sorted by total rate
3. All communities with water service sorted by rate
4. All communities with wastewater service sorted by rate

Included in the rate survey results are comparisons to rates of 5 years ago and a comparison to how much of the community median household income (MHI) is used for water and wastewater service. Please note, the 2010 census data MHI is used when it could be found. Where the 2010 census data MHI was not available, the 2000 census data MHI was used.

If an electronic version of the rate survey results, which is in an Excel Workbook format, is desired, please contact us with your email address. Again, thank you for your participation in the 2013 rate survey.

SYSTEM	WATER - 2013			WASTEWATER - 2013			2013 TOTAL WATER & SEWER	MHI 2010 CENSUS	% MHI WATER	%MHI SEWER	% MHI TOTAL	2008 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL							
<b>COMMUNITIES WITH BOTH WATER &amp; WASTEWATER</b>													
Manistique - Twp Customers **	\$10.95	\$31.43	\$86.18	\$13.31	\$19.87	\$86.42	\$172.60	40,000	2.59%	2.59%	5.18%	\$150.28	14.9%
Houghton County Airport	\$16.90	\$33.80	\$84.50	\$12.89	X	\$64.45	\$148.95	Z				\$80.88	84.2%
Sault Ste Marie - Twp Cust **	\$15.44	\$1.27	\$78.48	\$13.33	\$2.80	\$69.44	\$147.92	42,917	2.19%	1.94%	4.14%	\$116.90	26.5%
Ironwood Twp ** (5)	\$8.25	\$43.25	\$76.25	\$7.39	\$36.97	\$60.62	\$136.87	36,053	2.54%	2.02%	4.56%	\$109.10	25.5%
St Ignace - Moran Twp Cust**	\$7.14	\$34.38	\$70.08	\$6.41	\$30.72	\$62.77	\$132.85	40,208	2.09%	1.87%	3.96%	N	
Hurley, WI	\$8.50	\$11.00	\$53.50	\$9.38	\$28.77	\$75.67	\$129.17	28,971	2.22%	3.13%	5.35%	\$86.52	49.3%
Carp Lake Twp (4)	\$15.00	\$22.00	\$97.00	\$7.50	\$30.00	\$30.00	\$127.00	30,781	2.24%	2.37%	4.61%	N	
Ontonagon	\$10.00	\$22.00	\$72.00	\$6.00	\$21.00	\$51.00	\$123.00	32,950	2.62%	1.86%	4.48%	\$121.25	1.4%
Wakefield Twp ** (5)	\$7.25	\$61.25	\$90.25	X	\$31.50	\$31.50	\$121.75	31,875	3.40%	1.19%	4.58%	\$61.50	98.0%
Manistique	\$7.30	\$20.95	\$57.45	\$8.87	\$16.56	\$60.91	\$118.36	29,375	2.35%	2.49%	4.84%	\$93.40	26.7%
Marquette Twp **	\$6.73	\$16.50	\$50.15	\$10.52	\$14.25	\$66.85	\$117.00	42,385	1.42%	1.89%	3.31%	\$105.70	10.7%
Portage Twp - Dakota Heights **	\$6.00	\$16.00	\$46.00	\$7.50	\$30.50	\$68.00	\$114.00	33,080	1.67%	2.47%	4.14%	N	
Negaunee	\$9.07	\$17.28	\$53.56	\$5.73	\$30.40	\$53.32	\$106.88	43,915	1.46%	1.46%	2.92%	\$83.86	27.5%
Ironwood	\$6.12	\$14.39	\$45.00	\$7.39	\$36.97	\$60.62	\$105.62	29,693	1.82%	2.45%	4.27%	\$71.12	48.5%
L'Anse	\$7.90	\$32.00	\$43.85	\$6.07	\$30.00	\$60.35	\$104.20	40,603	1.30%	1.78%	3.08%	\$85.56	21.8%
Carp Lake Twp - White Pine (4)	\$10.00	\$22.00	\$72.00	\$7.50	\$30.00	\$30.00	\$102.00	30,781	1.58%	2.28%	3.86%	\$102.00	0.0%
St Ignace - Twp Customers **	\$4.91	\$16.00	\$40.55	\$6.38	\$26.58	\$58.48	\$99.03	35,461	1.37%	1.98%	3.35%	\$66.50	48.9%
Portage Twp **	\$4.00	\$19.00	\$39.00	\$7.50	\$26.00	\$59.75	\$98.75	33,080	1.41%	2.17%	3.58%	\$79.50	24.2%
Munising	\$4.68	\$12.90	\$36.30	\$11.44	\$4.32	\$61.52	\$97.82	34,650	1.26%	2.13%	3.39%	\$72.83	34.3%
Adams Twp - Baltic **	\$4.50	\$17.00	\$30.50	\$5.25	\$53.00	\$60.88	\$91.38	28,776	1.27%	2.54%	3.81%	\$48.50	88.4%
Grant Twp	\$5.50	X	\$27.50	\$7.50	\$26.00	\$63.50	\$91.00	46,250	0.71%	1.65%	2.36%	\$84.25	8.0%
Baraga Township **	\$7.10	\$30.50	\$30.50	\$6.76	\$26.00	\$59.80	\$90.30	32,639	1.12%	2.20%	3.32%	N	
Richmond Twp	\$2.00	\$25.00	\$35.00	\$4.00	\$35.00	\$55.00	\$90.00	34,583	1.21%	1.91%	3.12%	\$60.00	50.0%
Norway - Twp Customers **	\$3.50	\$18.75	\$36.25	\$6.75	\$18.75	\$52.50	\$88.75	40,000	1.09%	1.58%	2.66%	\$85.00	4.4%
St. Ignace - City	\$4.91	\$16.00	\$40.55	\$5.78	\$19.25	\$48.15	\$88.70	36,510	1.33%	1.58%	2.92%	\$57.00	55.6%
Baraga	\$7.10	\$28.00	\$28.00	\$6.76	\$26.00	\$59.80	\$87.80	28,424	1.18%	2.52%	3.71%	\$71.30	23.1%
Calumet Twp (Village) (1), (3)	\$7.71	\$26.84	\$49.94	\$5.65	\$10.00	\$37.75	\$87.69	18,750	0.00%	0.00%	0.00%	\$71.42	22.8%
Laurium (1), (3)	\$7.71	\$26.81	\$49.94	\$5.65	\$10.00	\$37.75	\$87.69	33,083	1.81%	1.37%	3.18%	\$71.42	22.8%
Stephenson - Twp Customers **	\$5.00	\$25.50	\$35.50	\$3.38	\$45.00	\$51.76	\$87.26	33,000	1.88%	1.29%	3.17%	\$81.31	7.3%
Sault Ste Marie - City Customers	\$7.73	\$1.27	\$39.90	\$8.72	\$2.80	\$46.38	\$86.28	35,323	1.36%	1.58%	2.93%	\$69.61	23.9%
Ishpeming	\$8.95	\$17.90	\$44.75	\$8.20	\$16.40	\$41.00	\$85.75	39,065	1.37%	1.26%	2.63%	\$66.15	29.6%
Adams Twp - Trimountain **	\$4.50	\$17.00	\$30.50	\$5.25	\$47.00	\$54.88	\$85.38	28,776	1.27%	2.29%	3.56%	\$48.50	76.0%
Mackinac Island	\$3.64	\$9.94	\$28.14	\$7.21	\$17.93	\$53.98	\$82.12	48,594	0.69%	1.33%	2.03%	\$74.60	10.1%
K I Sawyer	\$5.40	\$5.40	\$27.00	\$11.00	\$11.00	\$55.00	\$82.00	29,202	1.11%	2.26%	3.37%	\$68.75	19.3%
Hubbell (1), (2)	\$7.71	\$26.81	\$49.94	\$6.34	\$25.36	\$31.70	\$81.64	35,542	1.69%	1.07%	2.76%	\$70.57	15.7%
Menominee - Twp Customers **	\$5.21	\$8.70	\$34.75	\$5.40	\$19.50	\$46.50	\$81.25	41,435	1.01%	1.35%	2.35%	\$74.25	9.4%
Norway - City	\$3.50	\$15.00	\$32.50	\$6.75	\$15.00	\$48.75	\$81.25	36,006	1.08%	1.62%	2.71%	\$81.25	0.0%
Franklin Twp **	\$4.00	\$16.00	\$16.00	\$6.80	\$30.50	\$84.50	\$80.50	31,176	0.62%	2.48%	3.10%	N	
Allouez Twp ** (1)	\$7.71	\$26.81	\$49.94	\$4.00	\$10.40	\$30.40	\$80.34	26,500	0.00%	1.38%	1.38%	\$67.57	18.9%
Copper City	\$10.00	\$14.00	\$64.00	X	\$16.00	\$16.00	\$80.00	24,904	3.08%	0.77%	3.85%	\$59.25	35.0%

*Peatland on page two.*

Note that the survey assumed 5,000 gallons/month, then ranked the results from highest to lowest.

SYSTEM	WATER - 2013			WASTEWATER - 2013			2013 TOTAL WATER & SEWER	MHI 2010 CENSUS	% MHI WATER	%MHI SEWER	% MHI TOTAL	2008 TOTAL WATER & SEWER	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL							
Bessemer	\$4.15	\$17.90	\$38.65	\$4.65	\$16.75	\$40.00	\$78.65	28,412	1.63%	1.69%	3.32%	\$76.05	3.4%
Hancock	\$6.85	\$7.62	\$41.87	\$6.35	\$5.00	\$36.75	\$78.62	33,030	1.52%	1.34%	2.86%	\$55.70	41.1%
Portage Twp - Naumkeg Shores **	\$4.00	\$13.00	\$33.00	\$9.00	X	\$45.00	\$78.00	33,080	1.20%	1.63%	2.83%	\$72.00	8.3%
Chatham	\$5.00	\$18.00	\$43.00	X	\$34.00	\$34.00	\$77.00	33,917	1.88%	0.85%	2.72%	\$52.25	47.4%
Crystal Falls	\$8.00	\$37.00	\$53.00	\$3.62	\$24.00	\$24.00	\$77.00	35,134	1.81%	0.82%	2.63%	\$64.00	20.3%
Lake Linden - Schoolcraft Twp **	\$5.34	\$23.43	\$39.45	\$6.00	\$18.68	\$37.00	\$76.45	27,440	1.73%	1.62%	3.34%	\$64.40	18.7%
Escanaba - Wells Township **	\$5.36	\$23.70	\$50.50	\$2.52	\$12.00	\$24.60	\$75.10	48,065	1.26%	0.61%	1.87%	N	
DeTour	\$2.50	\$35.00	\$47.50	X	\$25.35	\$25.35	\$72.85	33,571	1.70%	0.91%	2.60%	\$52.35	39.2%
Osceola Township - Tamarack **	\$7.00	X	\$35.00	\$6.34	\$18.68	\$37.70	\$72.70	39,250	1.07%	1.15%	2.22%	N	
Ahmeek	\$7.60	\$20.50	\$43.30	\$2.75	\$7.30	\$28.35	\$71.65	33,125	1.57%	1.03%	2.60%	\$66.05	8.5%
Iron River, Stambaugh, & Min Hills	\$6.62	\$26.50	\$33.12	\$7.30	\$31.00	\$38.30	\$71.42	26,306	1.51%	1.75%	3.26%	\$67.62	5.6%
Forsyth Twp	X	\$37.00	\$37.00	X	\$33.95	\$33.95	\$70.95	47,639	0.93%	0.86%	1.79%	\$67.57	5.0%
McMillan Twp (Ewen)	\$5.55	\$28.50	\$28.50	\$5.00	\$41.50	\$41.50	\$70.00	30,448	1.12%	1.64%	2.76%	\$74.75	-6.4%
Alpha	\$1.00	\$28.00	\$29.00	\$1.00	\$39.00	\$40.00	\$69.00	25,417	1.37%	1.37%	2.74%	\$42.00	64.3%
Lake Linden - Village	\$4.30	\$18.88	\$31.78	\$6.34	\$18.68	\$37.00	\$68.78	33,063	1.15%	1.34%	2.50%	\$58.50	17.6%
Marquette	\$5.43	\$5.76	\$27.14	\$8.30	\$5.00	\$41.51	\$68.65	36,797	0.89%	1.35%	2.24%	\$48.35	42.0%
Wakefield				\$2.00	\$26.93	\$36.93	\$68.43	33,250	1.14%	1.33%	2.47%	\$66.73	2.5%
Marenisco Township				X	\$33.00	\$33.00	\$68.00	27,500	1.53%	1.44%	2.97%	N	
Houghton	\$4.47	\$1.85	\$24.18	\$8.74	X	\$43.72	\$67.90	21,993	1.32%	2.39%	3.70%	\$54.50	24.6%
Gladstone	\$4.45	\$10.00	\$32.25	\$5.40	\$8.50	\$35.50	\$67.75	41,458	0.93%	1.03%	1.96%	\$51.00	32.8%
Waterson Township	X	\$39.00	\$39.00	X	\$28.00	\$28.00	\$67.00	32,614	1.43%	1.03%	2.47%	N	
Newberry	\$3.00	\$20.00	\$35.00	\$4.30	\$8.47	\$29.97	\$64.97	36,993	1.14%	0.97%	2.11%	\$62.47	4.0%
Adams Twp - Painesdale **	\$4.50	\$17.00	\$30.50	\$3.00	\$29.00	\$33.50	\$64.00	28,776	1.27%	1.40%	2.67%	\$62.00	3.2%
Powell Twp	X	\$35.00	\$35.00	X	\$29.00	\$29.00	\$64.00	63,750	0.66%	0.55%	1.20%	\$54.00	18.5%
Iron River Twp **	\$5.00	\$30.00	\$35.00	X	\$28.70	\$28.70	\$63.70	32,024	1.31%	1.08%	2.39%	\$50.00	27.4%
Chassell Twp	\$6.25	\$25.00	\$31.25	\$6.25	\$25.00	\$31.25	\$62.50	43,182	0.68%	1.02%	1.70%	\$61.50	1.6%
Adams Twp - Atlan			\$30.50	\$6.30	\$22.00	\$31.45	\$61.95	37,669	0.97%	1.00%	1.97%	\$59.95	3.3%
South Range			\$24.45	\$7.30	\$14.90	\$36.80	\$61.25	33,542	0.87%	1.32%	2.19%	\$53.25	15.0%
Superior Twp **			\$35.98	\$1.94	\$14.34	\$24.04	\$60.02	39,375	1.10%	0.73%	1.83%	\$53.91	11.3%
Caspian	\$3.00	\$25.31	\$25.31	\$2.44	\$31.44	\$33.88	\$59.19	25,066	1.13%	1.65%	2.78%	\$45.19	31.0%
Stephenson - City	\$3.33	\$17.00	\$23.66	\$2.25	\$30.00	\$34.50	\$58.16	33,571	1.23%	0.85%	2.08%	\$54.22	7.3%
Powers Spaulding	\$7.00	X	\$35.00	X	\$22.00	\$22.00	\$57.00	24,904	1.69%	1.06%	2.75%	\$56.50	0.9%
Gaastra	\$3.60	\$29.07	\$29.07	\$5.90	\$25.00	\$25.00	\$54.07	26,136	1.33%	1.15%	2.48%	\$51.70	4.6%
Stambaugh Twp **	\$3.00	\$13.34	\$23.34	\$3.30	\$30.00	\$30.00	\$53.34	37,656	0.74%	0.96%	1.70%	\$50.00	6.7%
Seney Twp **						\$5.00	\$53.00	30,625	0.71%	1.37%	2.08%	\$50.00	6.0%
Sherman Twp - Gay **						\$5.00	\$50.00	27,000	1.11%	1.11%	2.22%	\$36.00	38.9%
Rockland Twp **						\$5.00	\$48.00	32,250	1.23%	0.56%	1.79%	\$45.00	6.7%
Republic Twp	X	\$25.50	\$25.50	X	\$22.05	\$22.05	\$47.55	25,766	1.19%	1.03%	2.21%	N	
Bergland Twp	\$5.30	\$24.00	\$29.30	X	\$18.00	\$18.00	\$47.30	32,031	1.10%	0.67%	1.77%	\$46.77	1.1%
Pentland Twp **	\$2.05	\$17.25	\$19.30	\$2.50	\$21.50	\$27.00	\$46.30	35,990	0.64%	0.90%	1.54%	\$41.00	12.3%

Newberry ranked #62 (\$64.97).

Our new rates (\$55.56) bump Gaastra out of #73.

Our rates at the time of this survey (\$46.30) put us at #80 (out of 87)

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SYSTEM	WATER - 2013			WASTEWATER - 2013			2013 TOTAL WATER & SEWER	MHI 2010 CENSUS	% MHI WATER	%MHI SEWER	% MHI TOTAL	2008	% Rate Increase in 5 years
	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL	COST/ 1,000 GAL	MONTHLY CHARGE	5,000 GAL TOTAL						TOTAL WATER & SEWER	
Menominee - City	\$2.25	\$4.75	\$19.00	\$2.95	\$10.66	\$25.41	\$44.41	41,480	0.55%	0.74%	1.28%	\$40.52	9.6%
Interior Twp (Trout Crk)	\$3.20	\$29.50	\$32.70	\$3.20	\$8.50	\$11.70	\$44.40	32,503	1.21%	0.43%	1.64%	\$43.40	2.3%
Escanaba	\$2.68	\$11.85	\$25.25	\$2.52	\$6.00	\$18.60	\$43.85	29,130	1.04%	0.77%	1.81%	\$30.89	42.0%
Iron Mountain	\$2.86	\$10.00	\$24.30	\$2.41	\$7.00	\$19.05	\$43.35	41,204	0.71%	0.55%	1.26%	\$40.74	6.4%
Ishpeming Twp	\$2.00	\$8.00	\$12.00	X	\$26.40	\$26.40	\$38.40	44,576	0.32%	0.71%	1.03%	\$26.93	42.6%
Kingsford	\$2.17	X	\$10.85	\$3.10	X	\$15.50	\$26.35	33,973	0.38%	0.55%	0.93%	\$24.25	8.7%
Kinross Twp **	\$1.60	\$5.77	\$5.77	\$4.81	\$17.33	\$17.33	\$23.10	36,525	0.19%	0.57%	0.76%	\$19.95	15.8%

Notes: (1) Water rates from MAWC

(2) Wastewater rates from Torch Lake SA

(3) Wastewater rates from North Houghton Co. Sewer Auth

(4) Water rates from Ontonagon

(5) Water rates from GRWA

MHI = Median Household Income from U.S. Census data

\*\* Means MHI based on 2000 census data

X Means no value included in rate ordinance

Z Means no MHI census data available for utility

N Means no 2008 total cost value available for comparison