



Agenda Cover Memorandum

Meeting Date: January 29, 2013

Item Title: FY14 Water & Sewer Rates

Action Requested:

Approval

For discussion

Feedback requested

For your information

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Background:

Since 2007 the wholesale water rate that the City of Chicago charges the City of Park Ridge has increased a compounded 117%. That compound rate will increase to a 187% increase since 2007 in 2015. Additionally, rising infrastructure costs has necessitated replacing fewer miles of water mains and sewer lines than recommended by industry standards. Finally, the City Council has expressed a desire to replace resident manual read water meters with ones that can be read remotely.

Facing these issues, in 2012 the City Council received a water and sewer rate study that they had commissioned. This study outlined the water and sewer systems' needs and gave the City Council options to address those needs through rate structures extending out five (5) fiscal years. The City Council took the study under advisement, and passed a one (1) year utility billing rate structure scenario for the remainder of fiscal year 2013 (FY13).

It is my recommendation that the following rates be approved for FY14:

Park Ridge Water Rate:	\$ 3.05 / 1,000 gallons
City of Chicago Water Rate:	\$ 3.03 / 1,000 gallons
Water Fixed Charges:	
Under 1" Meter	\$ 9.31
1" Meter	\$ 22.01
1.5" Meter	\$ 43.64
2" Meter	\$ 69.60
3" Meter	\$ 195.09
4" Meter	\$ 433.09
6" Meter	\$ 865.80
Sewer Rate	\$ 1.32 / 1,000 gallons
Sewer Fixed Charge	\$ 3.10

A utility billing rate structure for fiscal year 2014, and possibly beyond, needs to be added to the City Code. The new rates will be presented as an ordinance at the February 11, 2013 Committee of the Whole (COW) for action, with two readings: the first at the February 18 City Council meeting, and the second (final) at the March 4 City Council meeting. Such a timetable would allow the new utility billing rates to be communicated prior to implementation on May 1, 2013, with articles in the Spokesman and information on the web site, allowing residents and businesses to understand the new rate structure. Additionally, reduction of confusion about the new rates reduces Finance Department labor resources dedicated to explain those rates.



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Recommendation:

Provide direction to staff to send a utility billing rate structure for FY14, in ordinance form, to the February 11, 2013 COW.

Budget Implications:

Does Action Require an Expenditure of Funds: Yes No

If Yes, Total Cost:

If Yes, is this a Budgeted Item:

Yes No Requires Budget Transfer

If Budgeted, Budget Code (Fund, Dept, Object)

Attachments:

- Basis For The FY14 Water And Sewer Rate Recommendations
- FY14-FY17 Fixed Water Rate Models Table
- Meter Size by Account Type

Basis For The FY14 Water And Sewer Rate Recommendations

I. Background

The water rates that the City of Park Ridge buys at wholesale have risen dramatically in recent years. Additionally, rising infrastructure costs has necessitated replacing fewer miles of water mains and sewer lines than recommended by industry standards. Finally, the City Council has expressed a desire to replace resident manual read water meters with ones that can be read remotely.

Facing these issues, the City Council commissioned a water and sewer rate study in 2012 from Baxter & Woodman. It was decided that the sewer rate should cover the cost of material leaving the system, as well as the fixed and usage costs, including pipe lining and/or repair, of maintaining a system. The water rates were designed not only to do the same, but to allow for a system to make the meters readable remotely.

As for deciding how many miles of water mains were to be replaced, Baxter & Woodman's Christopher Buckley, P.E. wrote (some of his text was re-ordered and edited down for clarity):

We used an AWWA (American Water Works Association) benchmark of 75 years average life for water mains as a "goal". For a 75 year goal, you would need to invest in 1.84 miles of replacement water main per year or an annual funding target of \$1.7M per year.

That is a goal, of course, and as the water main owner, Park Ridge needed to decide whether that goal was feasible or if a different goal (typically based on input from the Public Works and other engineering studies, i.e. number of main breaks per year, other problems in the system that could be corrected with new mains, etc). This was the case. As I understand it, public works eventually advised that a spending target of \$815,000 and \$1,000,000 per year was recommended to start addressing the water loss, as well a replacement meter program while not overly breaking the "bank".

This resulting study outlined the water and sewer systems' needs and gave the City Council options to address those needs through rate structures extending out five (5) fiscal years. Many, if not most, municipal elective bodies, given a multi-year study, pass all of the study covered years in one ordinance. This Council passed an ordinance that only covered the remainder of fiscal year 2013 (FY13), with the intent that staff could return and compare the monies collected with the monies expected to be collected for that fiscal year, given the new rate structure.

Unfortunately, that comparison cannot be made for three reasons. First, the study assumed that the ordinance would be in effect for the full fiscal year and the first billing cycle under the new FY13 rates was not due until September 20, 2013. Second, due to a timing issue that was not covered in the new FY13 rates (see IIB1 below for more details), not all wholesale costs of water that flowed through customer valves was captured by the new City of Chicago water rate. Third, Baxter & Woodman's Christopher Buckley, P.E. has advised against using 2012 as a comparison year due to the fact that Cook County was declared a Federal Disaster Area due to the drought, which led to above average water consumption. Therefore, the place to start in deciding the FY14 water and sewer rates is with the water rate study. [The water rate study can be found either at http://www.parkridge.us/living_in_park_ridge/utilities.aspx or by going to the Park Ridge web page, clicking "NEW – Water & Sewer Rates" on the left side of the home page, and then clicking the link in that summary document.]

Please note that the delay in the approval of the FY13 utility billing rates, combined with less than expected demand for the City's revenue bonds in this bond climate, will, most likely, delay passage of the bonds needed to fund the conversion to remote read water meters and/or meter heads.

Finally, before looking at utility billing rates, it is worth remembering that the Water Fund and the Sewer Fund are a proprietary fund type, called an enterprise fund. What this means is that they act, from both an operational and an accounting (i.e. full accrual) point of view, in the same way that a business would run with one exception: they do not try and make a profit. The City Council is entrusted with passing rate structures that meet, but do not exceed, the long-term operational and capital needs of each fund.

II. Recommended Utility Billing Rates

A. Park Ridge Water Rate

The Park Ridge water rate, per 1,000 gallons used, is designed to cover all usage costs not associated with the wholesale purchase of water. Some of these costs include water loss or water main replacement.

The Park Ridge water rate no longer has a tiered rate system. It also is not broken out differently for different types of customers, such as residents, businesses, industry, etc. Every customer pays the same for each gallon used.

The water rate study detailed those costs over a five year time horizon. I recommend no change from the study's \$3.05/1,000 gallon recommendation for the City Council chosen Scenario 2B.

B. City of Chicago Water Rate

Since 2007 the wholesale water rate that the City of Chicago charges the City of Park Ridge has increased a compounded 117%. That compound rate will increase to a 187% increase since 2007 in 2015. The City of Chicago has aging infrastructure, which Mayor Rahm Emanuel has boasted about addressing through increased rates. Given these pronouncements, there are no promises that future rates, starting in 2016, will not have significant additional increases.

Unfortunately, the City of Park Ridge has no ability to negotiate different rates from the City of Chicago (COC). Park Ridge is a price taker. These prices, therefore, must be passed on to the residential and commercial users of the system. The City Council took the recommendation of Baxter & Woodman to break this wholesale rate out of the City of Park Ridge's water rate, so that it increased transparency of where costs went to those customers.

Note that the new COC rate is designed to capture all wholesale water costs that flows through a Park Ridge customer's valve. It does *not* cover all water billed from the City of Chicago. Due to the aging infrastructure in the City of Park Ridge there is a higher than normal amount of loss in the system (leaks and breaks, for example). This loss, by industry standard, is a usage based loss and is, therefore, covered in the City of Park Ridge water rate, shown in IIA. above.

1. Timing – The Issue

COC increases wholesale water rates at the beginning of each calendar year. For budgeting purposes the City of Park Ridge's Finance Department can best determine its costs and, therefore, the billing structure to meet those costs, on its fiscal year. The City is on a May 1 – April 30 fiscal year. The water rate study did not directly address this problem. It is possible that the study assumed that the City would either change the date that water rate increases

happen to a calendar year, or that it was assumed that the COC water rate would increase at the beginning of the calendar year and the other rates would increase at the start of the fiscal year. The Council chose neither possibly assumed option.

This led to a problem: the City of Chicago water rate was designed to pay for all water that flows through Park Ridge users' water meters, but it was not doing so. For the first four months of the calendar year the wholesale rate was higher than what was being captured, which leads to an annual inherent deficit.

2. Timing – The Fix

Because the City of Chicago has announced their rates through 2015, it is fairly easy to pass a water rate for a fiscal year which weights the remaining eight (8) months of the year (or 2/3 of a year) at the current City of Chicago wholesale rate and the first four (4) months the calendar year (or 1/3 of a year) at the next year's City of Chicago wholesale rate.

Doing so can be seen in the following table:

<u>Increase Date</u>	<u>Calendar Yr.</u>	<u>Fiscal Yr.</u>
1/1/2012	\$ 2.51	
5/1/2012		\$ 2.64
1/1/2013	\$ 2.89	
5/1/2013		\$ 3.03
1/1/2014	\$ 3.32	
5/1/2014		\$ 3.49
1/1/2015	\$ 3.82	

Because FY13's COC rate of \$2.51 (seen in the table above at the top row of the Calendar Year column) did not cover the entire wholesale water fees that it was intended to, moving to this year's \$3.03 rate (in the Fiscal Year column on the 5/1/2013 row), represents a one-time increase of 20.72%, which is in excess of this year's COC rate increase of 15%. However, this will correctly align wholesale costs and, therefore, \$3.03 per 1,000 gallons of water usage is what I recommend for this year's City of Chicago water rate.

C. Water Fixed Charges

There are a number of fixed costs in running a water utility. These items were laid out in the study and include such items as administrative salaries and benefits, data processing for billing, billing postage, water quality testing, and water surveys. The water fixed charges are designed to cover those costs.

After the City Council received the water rate study last year they chose Scenario 2B. Scenario 2B allowed for the upgrade of the valves to remote read versions, but did so gradually through the use of the City's ability to go to the bond market for the money (which can spread the payments out longer than if they were purchased with cash). Unfortunately, because of the bond market conditions and the current fund balance/Uptown TIF/bond rating situation, it does not appear that the City can bond for this in calendar year 2013.

While remaining cost neutral, the City Council decided to modify the Scenario 2B's water fixed charge breakdown between valve sizes. Specifically, it divided the all valve sizes under 2" into three categories: under 1", 1", and 1.5". This modification distributed more of the cost to larger valves than in the rate study. However, this modification was only modeled out for FY13, as opposed to the water rate study's modeling through FY17. This means that there is no model to fall back upon.

I have created three and will present three models. I will recommend one of them.

1. The Water Fixed Charge Goal

The rate study suggested, as part of Scenario 2B, increases based upon valve size, each of four (4) years past FY13. These increases ranged from a 1.2% increase (4" valve in FY16) to a 2.7% increase (3" valve in FY14), but averaged about 2.0%. Because the study modeled the increases based upon the rate of increase in the Water Fund's projected costs, I, therefore, assumed that a 2% annual total increase should be the goal of the models for water fixed charge.

Because all of the rest of the rate structure is modeled through FY17, I created these models through FY17 as well. This allows the Council to pass a multi-year utility billing rate ordinance, if desired. It also allows utility billing customers to have an idea of possible future rates.

2. The Models

The first model, shown second on the accompanying table, gives a 2.0% increase across the board. The annual increase ranges from \$1.08 to \$103.86 per customer.

The second model, shown first on the accompanying table, finds a constant rate across all customers, to achieve the same 2.0% total rate increase. For FY14 this is a 37 per bill (18.5 cents per month) increase, or \$2.22 per year.

The third model, shown last on the accompanying table, imposes a 5.0% increase on all valves under 1" and freezes all valves 1" and larger at the FY13 rate. Surprisingly, this also produces a 2.0% total water fixed rate revenue increase. The FY14 rate increase on those with meters under 1" is 45 cents per bill (22.5 cents per month), or \$2.70 per year.

3. The Recommended Model & Rate

As mentioned above, many, if not most, of the charges covered by a fixed rate are independent of the size of the customer. Therefore, it seems reasonable to have all customers share the increase in those costs evenly. This is what leads to my recommendation of the second model, **i.e. an increase of \$0.37 per bill for all utility billing customers.**

D. Sewer Rate

The sewer rate is designed to cover all usage costs, including the replacement or lining of sewer lines. These costs are detailed in the study. Given the scenario chosen by the City Council, I recommend the study's FY14 **rate of \$1.32/1,000 gallons of water.**

E. Sewer Fixed Charge

The sewer fixed charge covers the fixed costs of the sewer system, similarly to the water fixed charges described above. These are described in detail in the study. Given the scenario chosen by the City Council, **I recommend the study's \$3.10 rate.**

F. 3 Year Rate Comparison

Park Ridge Water Rates	FY12	FY13	FY14
Minimum Bill	\$ 30.20	N/A	N/A
Tier 1 Rate	\$ 4.67	\$ 2.85	\$ 3.05
Tier 2 Rate	\$ 5.21	N/A	N/A
Chicago Water Rate	N/A	\$ 2.51	\$ 3.02
Water Fixed Charges:			
5/8" Meter	N/A	\$ 8.94	\$ 9.31
3/4" Meter	N/A	\$ 8.94	\$ 9.31
1" Meter	N/A	\$ 21.64	\$ 22.01
1 1/2" Meter	N/A	\$ 43.27	\$ 43.64
2" Meter	N/A	\$ 69.23	\$ 69.60
3" Meter	N/A	\$ 194.72	\$ 195.09
4" Meter	N/A	\$ 432.72	\$ 433.09
6" Meter	N/A	\$ 865.43	\$ 865.80
Sewer Rate	\$ 1.22	\$ 1.27	\$ 1.32
Sewer Fixed Charge	N/A	\$ 2.98	\$ 3.10

III. Timetable

A utility billing rate structure for fiscal year 2014, and possibly beyond, needs to be added to the City Code. The new rates will be presented as an ordinance at the February 11, 2013 Committee of the Whole (COW) for action, with two readings: the first at the February 18 City Council meeting, and the second (final) at the March 4 City Council meeting. Such a timetable would allow the new utility billing rates to be communicated prior to implementation on May 1, 2013, with articles in the Spokesman and information on the web site, allowing residents and businesses to understand the new rate structure. Additionally, reduction of confusion about the new rates reduces Finance Department labor resources dedicated to explain those rates.

Valve Size	# of Valves	FY13 Fixed Water Rate	Revenue
5/8"	9,612	\$8.94	\$85,931.28
3/4"	644	\$8.94	\$5,757.36
1.0"	919	\$21.64	\$19,887.16
1.5"	1,085	\$43.27	\$46,947.95
2.0"	218	\$69.23	\$15,092.14
3.0"	88	\$194.72	\$17,135.36
4.0"	70	\$432.72	\$30,290.40
6.0"	11	\$865.43	<u>\$9,519.73</u>
Total Fixed Rate Revenue:			\$230,561.38

The 2012 Baxter & Woodman, Inc. water rate study set fixed water rates for FY13 and then increased them for the next 4 fiscal years. The water rate study increased water fixed rates around 2% across all years and valve size. Ordinance 2012-36 which set Article 11 (Public Services), Chapter 1 (Water and Sewer Systems, Section 9 (Rates and Fees), has no increases built into it. This document is designed to give the City Council options to keep up with those increases.

Valve Size	Constant Dollar Increase					Constant Dollar Increase					Constant Dollar Increase					Constant Dollar Increase											
	FY14 Fixed Water Rate	FY14 Per Bill	FY14 Annual Increase	FY14 Fixed Water Rate Revenue	FY14 % Increase	FY15 Fixed Water Rate	FY15 Per Bill	FY15 Annual Increase	FY15 Fixed Water Rate Revenue	FY15 % Increase	FY16 Fixed Water Rate	FY16 Per Bill	FY16 Annual Increase	FY16 Fixed Water Rate Revenue	FY16 % Increase	FY17 Fixed Water Rate	FY17 Per Bill	FY17 Annual Increase	FY17 Fixed Water Rate Revenue	FY17 % Increase							
5/8"	\$9.31	\$0.37	\$2.22	\$89,487.72	4.1%	\$9.68	\$0.37	\$2.22	\$93,044.16	4.0%	\$10.06	\$0.38	\$2.28	\$96,696.72	3.9%	\$10.45	\$0.39	\$2.34	\$100,445.40	3.9%							
3/4"	\$9.31	\$0.37	\$2.22	\$5,995.64	4.1%	\$9.68	\$0.37	\$2.22	\$6,233.92	4.0%	\$10.06	\$0.38	\$2.28	\$6,478.64	3.9%	\$10.45	\$0.39	\$2.34	\$6,729.80	3.9%							
1.0"	\$22.01	\$0.37	\$2.22	\$20,227.19	1.7%	\$22.38	\$0.37	\$2.22	\$20,567.22	1.7%	\$22.76	\$0.38	\$2.28	\$20,916.44	1.7%	\$23.15	\$0.39	\$2.34	\$21,274.85	1.7%							
1.5"	\$43.64	\$0.37	\$2.22	\$47,349.40	0.9%	\$44.01	\$0.37	\$2.22	\$47,750.85	0.8%	\$44.39	\$0.38	\$2.28	\$48,163.15	0.9%	\$44.78	\$0.39	\$2.34	\$48,586.30	0.9%							
2.0"	\$69.60	\$0.37	\$2.22	\$15,172.80	0.5%	\$69.97	\$0.37	\$2.22	\$15,253.46	0.5%	\$70.35	\$0.38	\$2.28	\$15,336.30	0.5%	\$70.74	\$0.39	\$2.34	\$15,421.32	0.6%							
3.0"	\$195.09	\$0.37	\$2.22	\$17,167.92	0.2%	\$195.46	\$0.37	\$2.22	\$17,200.48	0.2%	\$195.84	\$0.38	\$2.28	\$17,233.92	0.2%	\$196.23	\$0.39	\$2.34	\$17,268.24	0.2%							
4.0"	\$433.09	\$0.37	\$2.22	\$30,316.30	0.1%	\$433.46	\$0.37	\$2.22	\$30,342.20	0.1%	\$433.84	\$0.38	\$2.28	\$30,368.80	0.1%	\$434.23	\$0.39	\$2.34	\$30,396.10	0.1%							
6.0"	\$865.80	\$0.37	\$2.22	<u>\$9,523.80</u>	0.0%	\$866.17	\$0.37	\$2.22	<u>\$9,527.87</u>	0.0%	\$866.55	\$0.38	\$2.28	<u>\$9,532.05</u>	0.0%	\$866.94	\$0.39	\$2.34	<u>\$9,536.34</u>	0.0%							
Total Fixed Rate Revenue:					\$235,240.77	2.0%	Total Fixed Rate Revenue:					\$239,920.16	2.0%	Total Fixed Rate Revenue:					\$244,726.02	2.0%	Total Fixed Rate Revenue:					\$249,658.35	2.0%

Valve Size	2.00% Increase Across The Board					2.00% Increase Across The Board					2.00% Increase Across The Board					2.00% Increase Across The Board											
	FY14 Fixed Water Rate	FY14 Per Bill	FY14 Annual Increase	FY14 Fixed Water Rate Revenue	FY14 % Increase	FY15 Fixed Water Rate	FY15 Per Bill	FY15 Annual Increase	FY15 Fixed Water Rate Revenue	FY15 % Increase	FY16 Fixed Water Rate	FY16 Per Bill	FY16 Annual Increase	FY16 Fixed Water Rate Revenue	FY16 % Increase	FY17 Fixed Water Rate	FY17 Per Bill	FY17 Annual Increase	FY17 Fixed Water Rate Revenue	FY17 % Increase							
5/8"	\$9.12	\$0.18	\$1.08	\$87,661.44	2.0%	\$9.30	\$0.18	\$1.08	\$89,391.60	2.0%	\$9.49	\$0.19	\$1.14	\$91,217.88	2.0%	\$9.68	\$0.19	\$1.14	\$93,044.16	2.0%							
3/4"	\$9.12	\$0.18	\$1.08	\$5,873.28	2.0%	\$9.30	\$0.18	\$1.08	\$5,989.20	2.0%	\$9.49	\$0.19	\$1.14	\$6,111.56	2.0%	\$9.68	\$0.19	\$1.14	\$6,233.92	2.0%							
1.0"	\$22.07	\$0.43	\$2.58	\$20,282.33	2.0%	\$22.51	\$0.44	\$2.64	\$20,686.69	2.0%	\$22.96	\$0.45	\$2.70	\$21,100.24	2.0%	\$23.42	\$0.46	\$2.76	\$21,522.98	2.0%							
1.5"	\$44.14	\$0.87	\$5.22	\$47,891.90	2.0%	\$45.02	\$0.88	\$5.28	\$48,846.70	2.0%	\$45.92	\$0.90	\$5.40	\$49,823.20	2.0%	\$46.84	\$0.92	\$5.52	\$50,821.40	2.0%							
2.0"	\$70.61	\$1.38	\$8.28	\$15,392.98	2.0%	\$72.02	\$1.41	\$8.46	\$15,700.36	2.0%	\$73.46	\$1.44	\$8.64	\$16,014.28	2.0%	\$74.93	\$1.47	\$8.82	\$16,334.74	2.0%							
3.0"	\$198.61	\$3.89	\$23.34	\$17,477.68	2.0%	\$202.58	\$3.97	\$23.82	\$17,827.04	2.0%	\$206.63	\$4.05	\$24.30	\$18,183.44	2.0%	\$210.76	\$4.13	\$24.78	\$18,546.88	2.0%							
4.0"	\$441.37	\$8.65	\$51.90	\$30,895.90	2.0%	\$450.20	\$8.83	\$52.98	\$31,514.00	2.0%	\$459.20	\$9.00	\$54.00	\$32,144.00	2.0%	\$468.38	\$9.18	\$55.08	\$32,786.60	2.0%							
6.0"	\$882.74	\$17.31	\$103.86	<u>\$9,710.14</u>	2.0%	\$900.39	\$17.65	\$105.90	<u>\$9,904.29</u>	2.0%	\$918.40	\$18.01	\$108.06	<u>\$10,102.40</u>	2.0%	\$936.77	\$18.37	\$110.22	<u>\$10,304.47</u>	2.0%							
Total Fixed Rate Revenue:					\$235,185.65	2.0%	Total Fixed Rate Revenue:					\$239,859.88	2.0%	Total Fixed Rate Revenue:					\$244,697.00	2.0%	Total Fixed Rate Revenue:					\$249,595.15	2.0%

Valve Size	5% Increase For Valves < 1" & \$0.00 Increase For Larger Valves					5% Increase For Valves < 1" & \$0.00 Increase For Larger Valves					5% Increase For Valves < 1" & \$0.00 Increase For Larger Valves					5% Increase For Valves < 1" & \$0.00 Increase For Larger Valves											
	FY14 Fixed Water Rate	FY14 Per Bill	FY14 Annual Increase	FY14 Fixed Water Rate Revenue	FY14 % Increase	FY15 Fixed Water Rate	FY15 Per Bill	FY15 Annual Increase	FY15 Fixed Water Rate Revenue	FY15 % Increase	FY16 Fixed Water Rate	FY16 Per Bill	FY16 Annual Increase	FY16 Fixed Water Rate Revenue	FY16 % Increase	FY17 Fixed Water Rate	FY17 Per Bill	FY17 Annual Increase	FY17 Fixed Water Rate Revenue	FY17 % Increase							
5/8"	\$9.39	\$0.45	\$2.70	\$90,256.68	5.0%	\$9.86	\$0.47	\$2.82	\$94,774.32	5.0%	\$10.35	\$0.49	\$2.94	\$99,484.20	5.0%	\$10.87	\$0.52	\$3.12	\$104,482.44	5.0%							
3/4"	\$9.39	\$0.45	\$2.70	\$6,047.16	5.0%	\$9.86	\$0.47	\$2.82	\$6,349.84	5.0%	\$10.35	\$0.49	\$2.94	\$6,665.40	5.0%	\$10.87	\$0.52	\$3.12	\$7,000.28	5.0%							
1.0"	\$21.64	\$0.00	\$0.00	\$19,887.16	0.0%	\$21.64	\$0.00	\$0.00	\$19,887.16	0.0%	\$21.64	\$0.00	\$0.00	\$19,887.16	0.0%	\$21.64	\$0.00	\$0.00	\$19,887.16	0.0%							
1.5"	\$43.27	\$0.00	\$0.00	\$46,947.95	0.0%	\$43.27	\$0.00	\$0.00	\$46,947.95	0.0%	\$43.27	\$0.00	\$0.00	\$46,947.95	0.0%	\$43.27	\$0.00	\$0.00	\$46,947.95	0.0%							
2.0"	\$69.23	\$0.00	\$0.00	\$15,092.14	0.0%	\$69.23	\$0.00	\$0.00	\$15,092.14	0.0%	\$69.23	\$0.00	\$0.00	\$15,092.14	0.0%	\$69.23	\$0.00	\$0.00	\$15,092.14	0.0%							
3.0"	\$194.72	\$0.00	\$0.00	\$17,135.36	0.0%	\$194.72	\$0.00	\$0.00	\$17,135.36	0.0%	\$194.72	\$0.00	\$0.00	\$17,135.36	0.0%	\$194.72	\$0.00	\$0.00	\$17,135.36	0.0%							
4.0"	\$432.72	\$0.00	\$0.00	\$30,290.40	0.0%	\$432.72	\$0.00	\$0.00	\$30,290.40	0.0%	\$432.72	\$0.00	\$0.00	\$30,290.40	0.0%	\$432.72	\$0.00	\$0.00	\$30,290.40	0.0%							
6.0"	\$865.43	\$0.00	\$0.00	<u>\$9,519.73</u>	0.0%	\$865.43	\$0.00	\$0.00	<u>\$9,519.73</u>	0.0%	\$865.43	\$0.00	\$0.00	<u>\$9,519.73</u>	0.0%	\$865.43	\$0.00	\$0.00	<u>\$9,519.73</u>	0.0%							
Total Fixed Rate Revenue:					\$235,176.58	2.0%	Total Fixed Rate Revenue:					\$239,996.90	2.0%	Total Fixed Rate Revenue:					\$245,022.34	2.1%	Total Fixed Rate Revenue:					\$250,355.46	2.2%

Count of Accounts	Meter Size	Customer Type
48	1	Commercial
47	1 1/2	Commercial
76	2	Commercial
16	3	Commercial
16	4	Commercial
31	3/4	Commercial
199	5/8	Commercial
1	1 1/2	Hospital
7	2	Hospital
3	3	Hospital
4	4	Hospital
2	6	Hospital
2	3/4	Hospital
9	1 1/2	Multi Commercial
4	2	Multi Commercial
1	3	Multi Commercial
4	5/8	Multi Commercial
39	1	Multi Residential
54	1 1/2	Multi Residential
31	2	Multi Residential
31	3	Multi Residential
13	4	Multi Residential
28	3/4	Multi Residential
107	5/8	Multi Residential
2		Multi Residential
3	4	Nursing Home
1	5/8	Nursing Home
5	1	Park District
3	1 1/2	Park District
9	2	Park District
16	3	Park District
16	4	Park District
2	3/4	Park District
1	5/8	Park District
1		Park District
826	1	Residential
971	1 1/2	Residential
79	2	Residential
16	3	Residential
14	4	Residential
581	3/4	Residential
9300	5/8	Residential
23		Residential
1	1	School
12	2	School
5	3	School
4	4	School
9	6	School
1		School

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