

TO: City Council for December 2, 2019, Council Meeting

FROM: Mary Steckel, Public Works Director *MS*

DATE: November 25, 2019

THROUGH: Mark W. Shepard, P.E., City Manager *MS*
 Nancy Brewer, Finance Director *NB*

SUBJECT: Utility Rate Annual Review

STRATEGIC OPERATIONAL PLAN PRIORITY: S3A / S3B – Replace water and wastewater pipe lines per Asset Management Plan



Action Requested:

Staff recommends Council adopt a resolution to increase water utility rates by 3%, wastewater utility rates by 3%, and stormwater utility rates by 3% to be effective February 1, 2020.

Discussion:

Staff conducts an annual review of the utility funds to evaluate the rate requirements to support proper operation and stewardship of the City's utility assets to provide reliable service to our customers. The expenditures in these funds are for the treatment of water and wastewater, and the maintenance of the infrastructure in plant, pipe, pump, and urban stream systems. The man-made assets in these systems are valued at over \$850 million.

Water, wastewater, and stormwater utility services are not supported by property taxes. Instead, they generate revenue from user fees. That means these utilities are operated like a business, and the rate structure must support the costs of:

1. Operating the utility. This includes the personnel to operate and maintain the plants and piping system; the chemicals and electricity used in the treatment processes; proactive maintenance on the equipment in the plants, pump stations, and reservoirs, as well as on the vehicles used in those maintenance activities; and the tools needed to perform the tasks required for the day-to-day delivery of the utility services.
2. Capital improvements. These are the large-scale reconstruction and replacements of infrastructure assets as they reach the end of their serviceable life, such as the large pumps that move water through the community or the piping system that conveys the water that is laid out in the Capital Improvement Program (CIP) plan.
3. Debt service. This occurs when the City pays back a bond issued for capital improvements. There are times when capital investment needs can outstrip the utility's ability to "pay-as-you-go", which is the preferred approach outlined in the City's Financial Policies. When this is the case, revenue bonds are sold that must be paid back over a set period, with interest.

Corvallis has a strong track record of providing reliable service to our customers made possible by the proactive approach we take to operations and maintenance of our utility systems. The water and wastewater service we provide is essential for the wellbeing of the community and the environment. Failure in these systems can result in serious effects on human health, and we are committed to preventing that outcome. But to do that does require regular reinvestment in the infrastructure and processes.

Municipal Code Section 3.06.130 Utility Services Rate Setting requires just and equitable charges for water, wastewater and stormwater services that are reviewed annually and set by resolution of Council.

Attachment CC-A shows a 10-year history of utility rate increases and the resulting monthly water, wastewater, and stormwater charge for an average single-family residential customer in Corvallis.

Utility Services Rate Setting Review Process

Operational and asset management requirements are considered in the rate analysis process. Staff conducts a review of each utility fund for the 3-year planning period. Projects and new expenses that are essential to meet the operational needs and regulatory requirements of the utility systems, as well as expenditures necessary for on-going system operations are compiled. Asset management program data and utility master plans are reviewed to identify infrastructure capital needs.

The City's utility assets are generally in good condition. As part of the asset management program, staff assigns a Business Risk Exposure (BRE) score to each asset within the utility system. The BRE score is based on a calculation using data collected on the likelihood of an asset failing as well as the consequence of the asset failure. For example, a 75-year old water main pipe serving the downtown business district would have a higher BRE than a two-year old fire hydrant in a new shopping center. Approximately 86% of water assets, 90% of wastewater assets and 100% of stormwater assets have a low- to medium-risk score confirming the overall reliability of our systems. At the same time, it is important that the City continue investing in addressing the high-risk assets to avoid the interruption of the safe and reliable delivery of the utility services and a build-up of unfunded projects.

An assessment of the ability of each fund to provide the revenues necessary to meet the expected expenditures for the three-year planning period is summarized in the following sections.

Water Fund

The primary revenue source in this fund is from customer utility payments, accounting for 95% of the annual operating revenues. The mild weather last spring contributed to a slight decline in water sales in FY 18-19 (Attachment CC-B). Year-to-date water sales for FY19-20 are tracking closely with projections contributing to stability in revenue.

For expenditures, asset replacement projects came in less than budgeted by about \$2,820,000, mostly due to the delay in the Marys River water main pipe work. This project has been rescheduled for construction in a future year, likely the summer of 2020. Significant completed projects include a new raw water intake structure in the Rock Creek Reservoir, water main pipe replacement on 34th and 35th Streets, and the addition of a service pump at the Taylor Water Treatment Plant.

The Water Fund is currently in a stable position, showing a positive fund balance for the 3-year planning period. Staff recommends a 3% rate increase for FY19-20 to allow for continued proactive asset maintenance and reliable water production service. For the remainder of the planning period, rate increases are anticipated at 2-3%, however this is expected to change after the Water Master Plan update is completed and we incorporate the recommendations from that document into future financial plans.

Wastewater Fund

The primary revenue source in this fund is from customer utility payments, accounting for 90% of the annual operating revenues. Revenues from treatment of Coffin Butte landfill leachate, which represent 7% of revenues, remained steady in FY18-19, however that could change without much notice as the landfill managers continue to explore other options for leachate treatment that are closer to their site.

For expenditures, asset replacement projects in FY18-19 came in less than budgeted by about \$380,000, primarily due to the decision to postpone the Wastewater Reclamation Plant clarifier project. The Capital Engineering workgroup used appropriations capacity to expand the scope of the wastewater collection pipe replacement project to include a high-risk pipe near the Kings Boulevard street resurfacing project that was identified during the street project preparation work.

The Wastewater Fund is currently in a stable position, showing a positive fund balance for the 3-year planning period. Staff recommends a 3% rate increase for FY19-20, which allows for continued proactive asset maintenance and reliable wastewater treatment service. The annual rate increases recommended for the rest of the planning period are anticipated at 3-4%. It is possible that these proposed increases will change when the EPA and DEQ issue their final rules on the Total Maximum Daily Load (TMDL) temperature regulations.

Stormwater Fund

The primary revenue source in this fund is from customer utility bills, accounting for 98% of the annual operating revenues.

For expenditures, asset replacement projects in FY18-19 came in less than budgeted by approximately \$135,000, without an impact on the work completed. Asset management data indicates that stormwater infrastructure has the lowest number of high-risk assets. This is partially due to the fact that much of the stormwater conveyance system is through natural waterways instead of man-made piping. Staff has focused time this year on including natural feature assets into the asset management system, along with the required investment to maintain the operability of this type of infrastructure.

The Stormwater Fund is in a stable position showing a positive balance for the 3-year planning period. Staff recommends a 3% rate increase for FY19-20, which is lower than the increase projected to be needed in last year's report. This incremental increase will help to build capacity within the fund to fully address the current Stormwater Master Plan project list and natural systems maintenance, along with anticipated new regulations in the DEQ-issued municipal stormwater (MS4) permit. The annual rate increases recommended for the rest of the planning period are anticipated at between 3-5%. Projected rate increases may fluctuate in future years to accommodate the level of effort required to maintain the conveyance system and the additional effort expected to deal with climate change impacts on rainfall patterns.

Combined Utility Rates

Corvallis utility customers benefit from low monthly utility rates, which contribute favorably to the overall livability of our community. Corvallis' combined average single-family residential monthly utility charge is the third lowest of like-sized Oregon cities (Attachment CC-C) and the third lowest of neighboring cities (Attachment CC-D). All municipalities are facing challenges to provide services, meet regulatory requirements, and address aging infrastructure. Comparing rates today with those of last year, the increases for other cities averaged 3.3%.

The recommended rate adjustment for 2019 is a 3% increase for water, a 3% increase for wastewater, and a 3% increase for stormwater. This results in a combined rate increase of 3% or approximately \$2.17 per month for the average single-family residence.

An average residential utility bill is included as Attachment CC-E, showing the rate increases projected for the three-year planning period based on the items discussed in this report. Each year the actual rate adjustment for each utility will be reviewed and refined, and the financial plans updated in light of the most current information available.

A public notice in the *Gazette-Times*, on the cable access government channel and on the City's Web page and social media sites will invite community members to comment on staff's proposal during Community Comments at the City Council meeting when this item is discussed. A copy of this staff report will be available for review on the Web, at the Public Library and at the Public Works Administrative Office.

Budget Impact:

The recommended utility services rate adjustment will impact projected revenue in FY19-20 as follows:

Fund	Proposed Rate Adjustment	Monthly Impact to Homeowner (6 units/month)	Projected Increase in Revenue	Projected Revenue for FY19-20
Water	3%	\$0.80	\$331,900	\$11,198,800
Wastewater	3%	\$1.10	\$318,800	\$10,757,400
Stormwater	3%	\$0.27	\$111,900	\$3,774,300
Combined	3%	\$2.17	\$762,600	\$25,730,500

Attachments:

- CC-A – History of Utility Rate Increases
- CC-B – 10-year History of Water Produced
- CC-C – Comparison of Average Bill with Like-sized Oregon Cities
- CC-D – Comparison of Average Bill with Surrounding Communities
- CC-E – Average Single-Family Residential Utility Bill
- CC-F – Resolution Amending 2019 Utility Services Rates

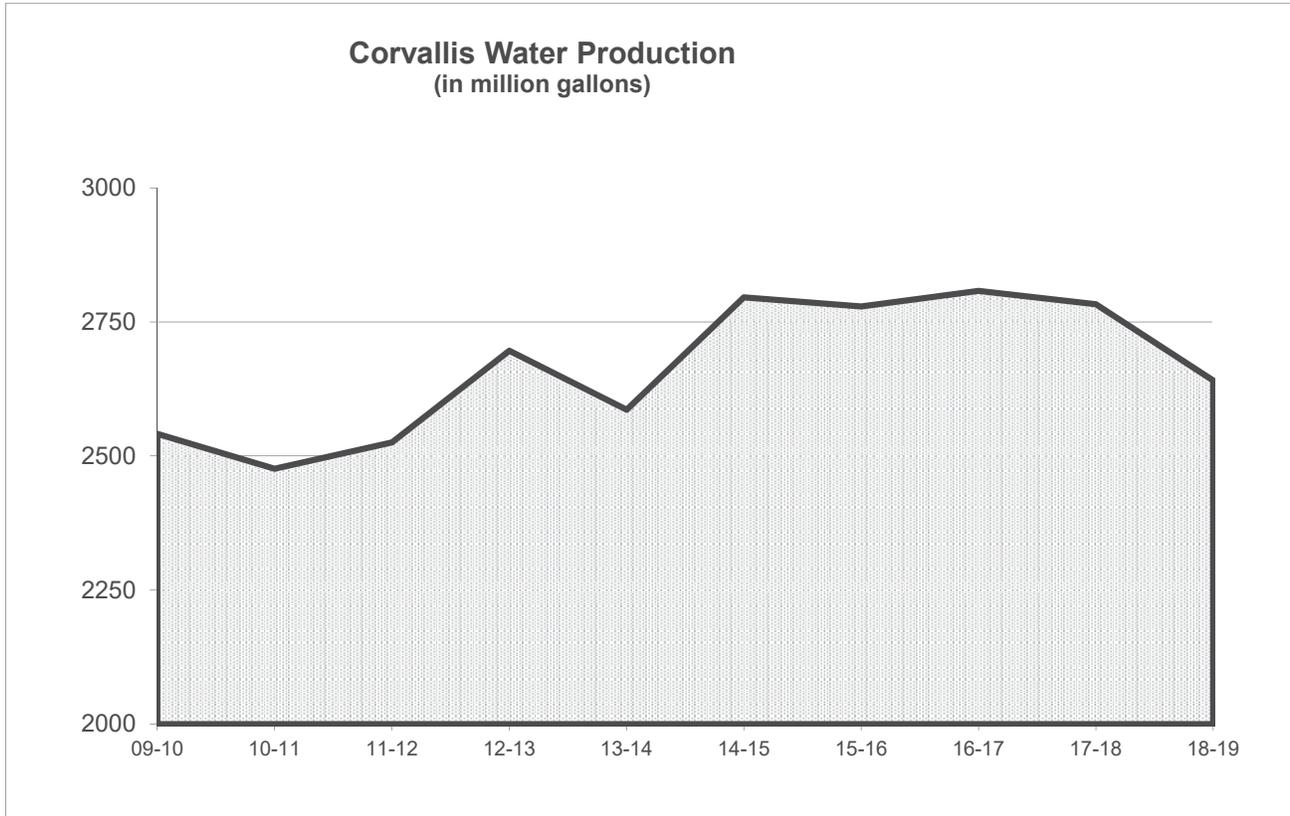
November 2019

City of Corvallis Utility Rate History

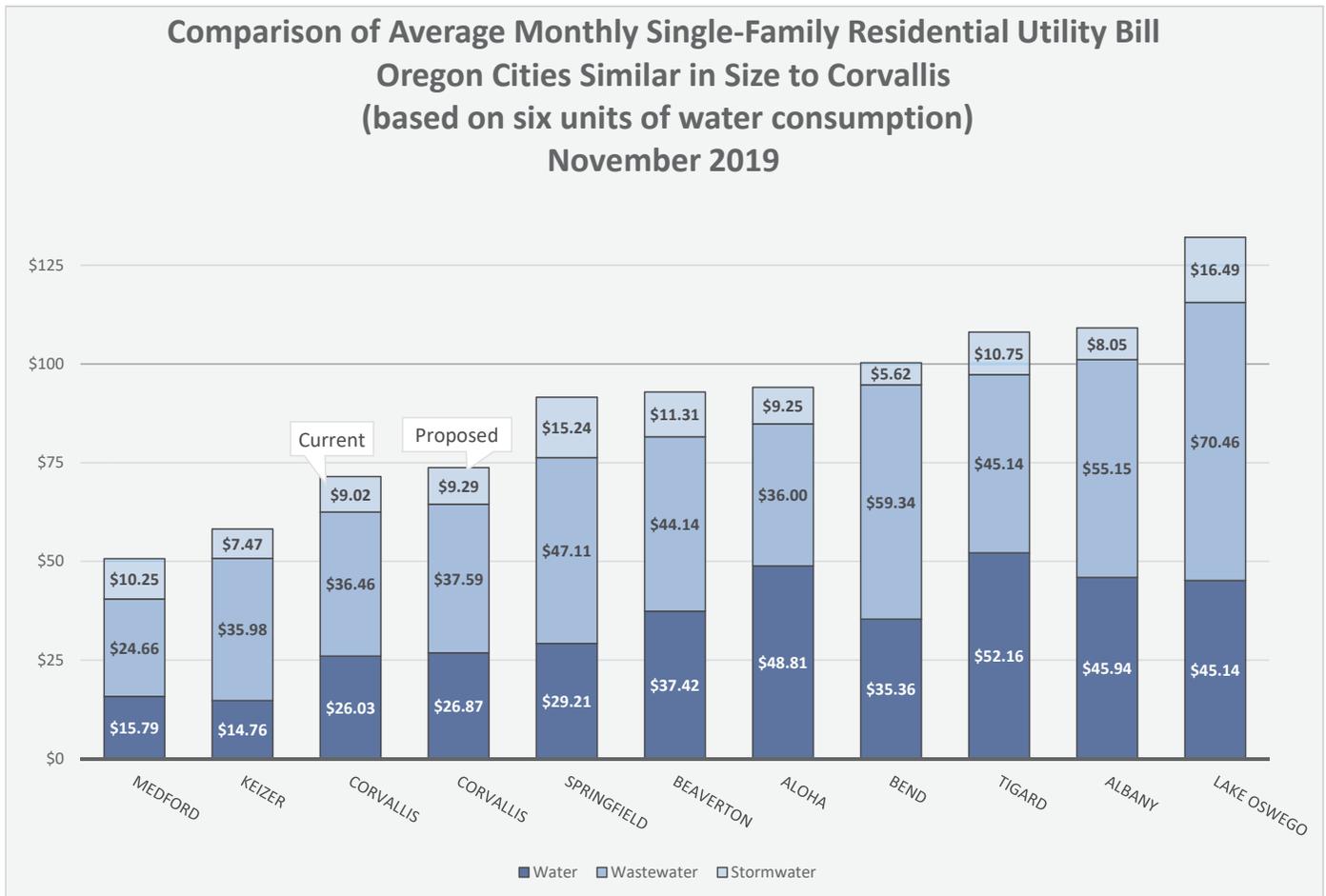
(Monthly charge for single-family residential customer based on average water consumption of 600 cu.ft. [6 units])

Year	Water		Wastewater		Stormwater		Combined Bill	
	Dollar Amount	Percentage Increase						
2009-10	\$19.89	8%	\$27.52	4%	\$5.48	10%	\$52.89	2.7%
2010-11	\$20.63	3.7%	\$28.07	2%	\$5.48	0%	\$54.18	2.4%
2011-12	\$21.60	4.3%	\$28.93	3%	\$5.48	0%	\$56.01	3.3%
2012-13	\$22.04	2%	\$29.78	3%	\$5.86	7%	\$57.68	3%
2013-14	\$22.04	0%	\$30.97	4%	\$6.27	7%	\$59.28	3%
2013-14 **	\$25.00	13.4%	\$33.68	8.7%	\$6.27	0%	\$64.95	9.5%
2014-15	\$25.00	0%	\$33.68	0%	\$6.27	0%	\$64.95	0%
2015-16	\$25.00	0%	\$34.86	3.5%	\$6.90	10%	\$66.76	2.8%
2016-17	\$25.27	1%	\$35.23	1.0%	\$7.59	10%	\$68.09	1.9%
2017-18	\$25.54	1%	\$35.59	2.5%	\$8.35	10%	\$69.48	2.0%
2018-19	\$26.03	2%	\$36.46	2.5%	\$9.02	8%	\$71.51	2.7%

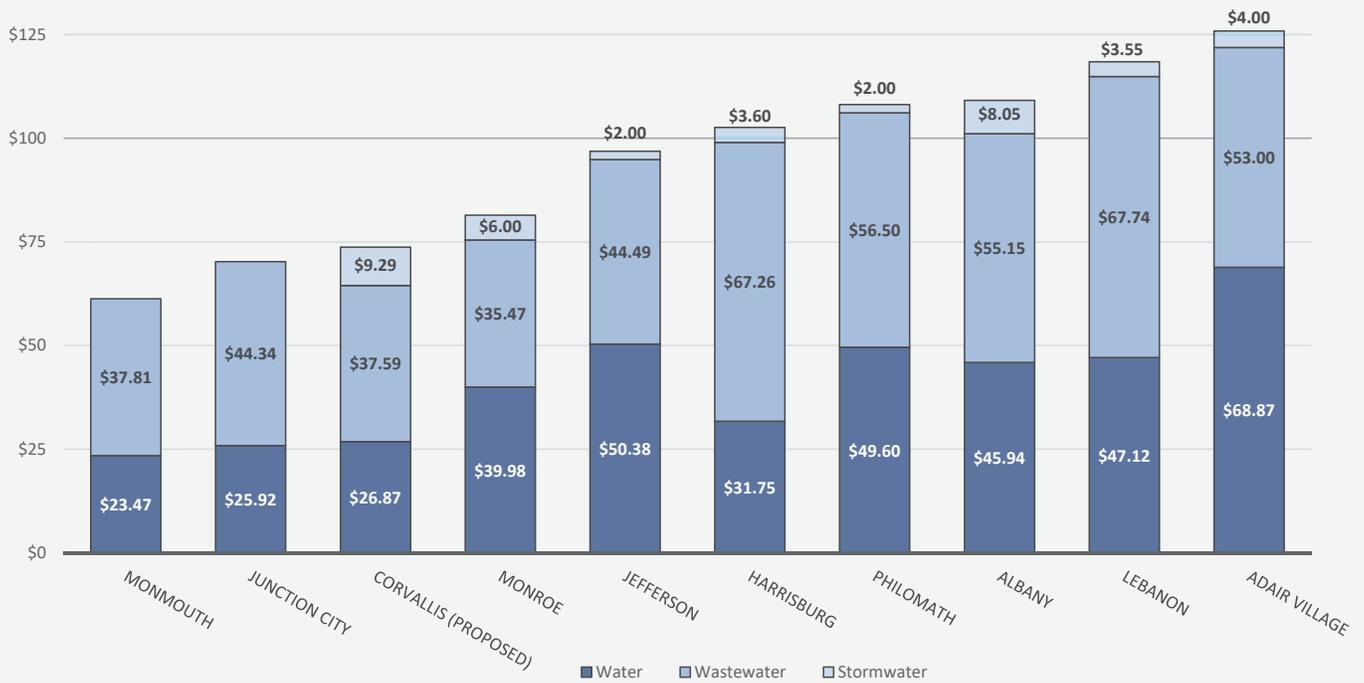
** Utility Service Rate Structure change effective July 1, 2014



Comparison of Average Monthly Single-Family Residential Utility Bill Oregon Cities Similar in Size to Corvallis (based on six units of water consumption) November 2019



Comparison of Average Monthly Single-Family Residential Utility Bill Oregon Cities Surrounding Corvallis (based on six units of water consumption) November 2019



November 2019

Average Single-Family Residential Monthly Utility Bill
(based on water consumption of 600 cu.ft. [6 units])

Schedule of Projected Increases

Utility	Last Rate Increase	Current Charge (Nov 19)	Proposed 19-20	Projected Rate Increases		
				20-21	21-22	22-23
Water	2/1/2019	\$26.03	3.0% \$26.83	3.0% \$27.37	2.0% \$27.91	2.0% \$28.47
Wastewater	2/1/2019	\$36.46	3.0% \$37.56	4.0% \$38.69	3.0% \$40.24	3.0% \$41.45
Stormwater	2/1/2019	\$9.02	3.0% \$9.29	3.0% \$9.57	5.0% \$10.05	5.0% \$10.55
Total % Increase			3.0%	2.6%	3.4%	2.9%
Total Bill		\$71.51	\$73.68	\$75.63	\$78.20	\$80.47

RESOLUTION 2019-_____

A RESOLUTION TO AMEND 2019 UTILITY SERVICES RATES

Minutes of the December 2, 2019, Corvallis City Council meeting, continued.

A resolution submitted by Councilor _____.

WHEREAS, the methodology for establishing utility services rates is established in Municipal Code Chapter 3.06; and

WHEREAS, Municipal Code Chapter 3.06, requires the utility services rates be established by resolution of the City Council; and

WHEREAS, Municipal Code Chapter 3.06, directs an annual rate review by City Council; and

WHEREAS, Municipal Code Chapter 3.06, requires just and equitable charges for water, wastewater, and stormwater services to be reviewed annually and revised periodically to reflect actual operation and maintenance costs, including replacement and extension of the various collection, distribution, and treatment systems; and

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF CORVALLIS RESOLVES that the Utility Services Rates are determined as follows:

1) Rates for single family customers:								
Meter Size	Base Rate	hcf	Water Consumption Rates per hcf			Wastewater Consumption Rate per hcf		Stormwater Rate
			1 st Level	2 nd Level	3 rd Level	Base Rate	All Usage	
3/4"	\$ 16.12	0-7	\$ 1.78	\$ 2.05	\$ 2.16	\$ 19.20	\$ 3.06	\$ 9.29
		8-13	\$ 2.31	\$ 2.58	\$ 2.69			
		≥14	\$ 2.83	\$ 3.10	\$ 3.21			
1.0"	\$ 24.79	0-7	\$ 1.78	\$ 2.05	\$ 2.16	\$ 19.20	\$ 3.06	\$ 9.29
		8-13	\$ 2.31	\$ 2.58	\$ 2.69			
		≥14	\$ 2.83	\$ 3.10	\$ 3.21			
1.5"	\$ 30.58	0-7	\$ 1.78	\$ 2.05	\$ 2.16	\$ 19.20	\$ 3.06	\$ 9.29
		8-13	\$ 2.31	\$ 2.58	\$ 2.69			
		≥14	\$ 2.83	\$ 3.10	\$ 3.21			

2) Rates for irrigation meters:

Meter Size	Base Rate	hcf	Water Consumption Rates per hcf		
			1 st Level	2 nd Level	3 rd Level
3/4"	\$ 14.03	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
1.0"	\$ 21.43	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
1.5"	\$ 26.38	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
2.0"	\$ 50.77	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
3.0"	\$ 174.52	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
4.0"	\$ 297.99	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
6.0"	\$ 495.53	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
8.0"	\$ 791.85	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50
10.0"	\$1,137.56	0-7	\$ 2.36	\$ 2.78	\$ 3.09
		8-13	\$ 3.06	\$ 3.48	\$ 3.79
		≥14	\$ 3.77	\$ 4.19	\$ 4.50

3) Rates for Multi-Family:

Meter Size	Base Rate	hcf	Water Consumption Rates per hcf			Wastewater Consumption Rate per hcf		Stormwater Rate
			1 st Level	2 nd Level	3 rd Level	Base Rate	All Usage	Per ESU
3/4"	\$ 23.93	0-7	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		8-13	\$ 1.41	\$ 1.68	\$ 1.79			
		≥14	\$ 1.53	\$ 1.80	\$ 1.91			
1.0"	\$ 37.29	0-18	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		19-33	\$ 1.41	\$ 1.68	\$ 1.79			
		≥34	\$ 1.53	\$ 1.80	\$ 1.91			
1.5"	\$ 46.19	0-35	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		36-65	\$ 1.41	\$ 1.68	\$ 1.79			
		≥66	\$ 1.53	\$ 1.80	\$ 1.91			

2.0"	\$ 90.69	0-56	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		57-104	\$ 1.41	\$ 1.68	\$ 1.79			
		≥105	\$ 1.53	\$ 1.80	\$ 1.91			
3.0"	\$ 313.20	0-112	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		113-208	\$ 1.41	\$ 1.68	\$ 1.79			
		≥209	\$ 1.53	\$ 1.80	\$ 1.91			
4.0"	\$ 535.72	0-175	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		176-325	\$ 1.41	\$ 1.68	\$ 1.79			
		≥326	\$ 1.53	\$ 1.80	\$ 1.91			
6.0"	\$ 891.75	0-350	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		351-650	\$ 1.41	\$ 1.68	\$ 1.79			
		≥651	\$ 1.53	\$ 1.80	\$ 1.91			
8.0"	\$1,425.80	0-560	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		561-1040	\$ 1.41	\$ 1.68	\$ 1.79			
		≥1041	\$ 1.53	\$ 1.80	\$ 1.91			
10.0"	\$2,048.85	0-805	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	\$ 3.06	\$ 9.29
		806-1495	\$ 1.41	\$ 1.68	\$ 1.79			
		≥1496	\$ 1.53	\$ 1.80	\$ 1.91			

4) Rates for group residential/fraternity/sorority:
(D=Domestic; M=Medium; H=High; VH=Very High)

Meter Size	Base Rate	hcf	Water Consumption Rates per hcf			Wastewater Consumption Rates per hcf		Stormwater Rate
			1 st Level	2 nd Level	3 rd Level	Base Rate	All Usage	
3/4"	\$ 23.93	0-7	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		8-13	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥14	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17 VH - \$7.13	
1.0"	\$ 37.29	0-18	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		19-33	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥34	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17 VH - \$7.13	
1.5"	\$ 46.19	0-35	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		36-65	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥66	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17 VH - \$7.13	
2.0"	\$ 90.69	0-56	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		57-104	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥105	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17 VH - \$7.13	
3.0"	\$ 313.20	0-112	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		113-208	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥209	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17 VH - \$7.13	

4.0"	\$ 535.72	0-175	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		176-325	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥326	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17	
							VH - \$7.13	
6.0"	\$ 891.75	0-350	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		351-650	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥651	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17	
							VH - \$7.13	
8.0"	\$1,425.80	0-560	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		561-1040	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥1041	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17	
							VH - \$7.13	
10.0"	\$2,048.85	0-805	\$ 1.28	\$ 1.55	\$ 1.66	\$ 19.20	D - \$3.06	\$ 9.29
		806-1495	\$ 1.41	\$ 1.68	\$ 1.79		M - \$3.60	
		≥1496	\$ 1.53	\$ 1.80	\$ 1.91		H - \$5.17	
							VH - \$7.13	

5) Rates for commercial and all other customers:
(D=Domestic; M=Medium; H=High; VH=Very High)

Meter Size	Base Rate	hcf	Water Consumption Rates per hcf			Wastewater Consumption Rates per hcf		Stormwater Rate
			1 st Level	2 nd Level	3 rd Level	Base Rate	All Usage	Per ESU
3/4"	\$ 23.93	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
1.0"	\$ 37.29	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
1.5"	\$ 46.19	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
2.0"	\$ 90.69	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
3.0"	\$ 313.20	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	

4.0"	\$ 535.72	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
6.0"	\$ 891.75	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
8.0"	\$1,425.80	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	
10.0"	\$2,048.85	≥0	\$ 1.23	\$ 1.44	\$ 1.65	\$ 24.04	D - \$3.06	\$ 9.29
							M - \$3.60	
							H - \$5.17	
							VH - \$7.13	

6) Rates for Fire Service:

Standby (minimum) charges for automatic fire service. Charges are based on wet or dry sprinkling systems without hose or other connections; combined systems will pay the regular service meter minimums and the regular meter rates.

Meter Size	Base Rate	hcf
1.0"	\$ 1.29	≥0
1.5"	\$ 1.63	≥0
2.0"	\$ 3.24	≥0
3.0"	\$ 11.31	≥0
4.0"	\$ 19.38	≥0
6.0"	\$ 32.31	≥0
8.0"	\$ 51.70	≥0
10.0"	\$ 74.32	≥0

7) Stormwater Special User Unit (per ESU to the nearest .01 ESU): \$1.73

; and

BE IT FURTHER RESOLVED that the City Manager is hereby directed to apply these utility services rates as required by Municipal Code Chapter 3.06, for Utility Services Rates, effective February 1, 2020.

Councilor

Upon motion duly made and seconded, the foregoing resolution was adopted, and the Mayor thereupon declared said resolution to be adopted.