



# State Facilities Estimated Water Use and Costs

Fiscal Year 2021 Report  
August 23, 2022

Facilities include:

University of Wisconsin System  
Department of Administration  
Department of Corrections  
Department of Health Services  
Department of Veterans Affairs  
Department of Public Instruction  
Department of Natural Resources  
Department of Transportation

# Wisconsin Office of Energy Innovation

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State of Wisconsin

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Department of Transportation

Report for Fiscal Year 2021

8/23/2022

# Acknowledgements

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This report was prepared for the Wisconsin Office of Energy Innovation with supporting documentation provided by the following agencies:

University of Wisconsin System  
Department of Administration  
Department of Corrections  
Department of Health Services  
Department of Public Instruction  
Department of Veterans Affairs  
Department of Natural Resources  
Department of Transportation

This report is a work in progress to provide estimated water use and costs intended for State of Wisconsin facility managers as an initial assessment of water use and to develop water management and conservation plans. Future reports are planned to document water and sewer management plans will be based on coordinated input from facility managers and their water utilities.

This material is based upon work supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) under the State Energy Program Award Number DE-EE0008669.

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Water and sewer utility costs and resulting water use estimates were compiled, and report prepared, by Innovative Business Engineering, McFarland, Wisconsin.

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# Executive Summary

The commercial and institutional buildings sector is the second largest consumer of publicly supplied water in the United States, accounting for 17 percent of the withdrawals from public water supplies. This sector includes a variety of facility types, such as hotels, restaurants, office buildings, schools, hospitals, laboratories, and government and military institutions. Each facility type has different water use patterns depending upon its function and use. Water use is included with energy reports to include energy savings and GHG CO2e emissions associated with the changes or reductions in facility water use. All water delivered from a public supply system requires energy for conveyance and treatment. Based on publicly available data it is estimated that it takes 2.1 kilowatt hours of electricity to supply 1,000 gallons of water from the public supply. This includes energy required for pumping raw water, water filtration, treatment, and distribution. Many products generate wastewater as well, and it is estimated that it takes an additional 2.5 kilowatt hours of electricity to treat 1,000 gallons of residential wastewater at a treatment plant. Therefore, the embedded energy and CO2e footprint of water from the public supply is 4.6 kilowatt hours of electricity per thousand gallons supplied for products that create wastewater.

Beginning in Fiscal Year 2021 (FY2021), the State Energy Report has been expanded to include facility estimated water use and sewer accounting reports to record, track, and communicate the water use and water municipal utilities for state facilities. The methodology for estimating water use is based on agency water and sewer utility expenditures by water utility vendor in *OpenBook Wisconsin*, along with corresponding water utility vendor rates from annual PSCW report data.

The water and sewer utility costs per gross square foot (\$/GSF) were used for Fiscal Year 2017 through 2021 overall agency accounting and reporting:

	Water & Sewer \$/GSF	2017	2018	2019	2020	2021
UW	University of Wisconsin System	\$ 0.25	\$ 0.24	\$ 0.27	\$ 0.25	\$ 0.23
DOC	Corrections, Department of	\$ 1.11	\$ 1.21	\$ 1.25	\$ 1.31	\$ 1.08
DHS	Health Services, Department of	\$ 0.45	\$ 0.50	\$ 0.52	\$ 0.56	\$ 0.39
DOA	Administration, Department of	\$ 0.15	\$ 0.17	\$ 0.16	\$ 0.19	\$ 0.14
DVA	Veterans Affairs, Department of	\$ 0.48	\$ 0.46	\$ 0.44	\$ 0.44	\$ 0.28
DPI	Public Instruction, Department of	\$ 0.13	\$ 0.18	\$ 0.18	\$ 0.15	\$ 0.09
		\$ 0.36	\$ 0.36	\$ 0.38	\$ 0.38	\$ 0.33

The detail *OpenBook Wisconsin* agency water and sewer utility data by municipal water vendors and annual rates from PSCW annual reports by facility location were used to estimate facility water use. In addition to municipal water use, facility well and lake water use data from WDNR water permit reports was included. The sample UW-Madison summary water use and costs are shown below:

UW-Madison								
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	22,931,250	843,200	421,362	1,264,562	36.77	18.38	55.15	\$ 0.38
2017	22,931,250	839,616	415,992	1,255,608	36.61	18.14	54.76	\$ 0.45
2018	22,947,032	720,486	337,766	1,058,252	31.40	14.72	46.12	\$ 0.39
2019	22,947,032	654,631	334,810	989,441	28.53	14.59	43.12	\$ 0.41
2020	22,755,778	599,714	362,432	962,146	26.35	15.93	42.28	\$ 0.44
2021	22,755,778	480,866	418,983	899,849	21.13	18.41	39.54	\$ 0.37

# Introduction

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## BACKGROUND

In order to understand the effects of energy use, water use and GHG emissions on water quality, air quality and human health, there needs to be recurring reports and studies on these effects. The State Facilities Energy Use, Energy GHG CO<sub>2</sub>e Emissions and Estimated Water Use Reports are also useful for any measurement towards progress of conservation and CO<sub>2</sub>e goals. This will also allow statewide agencies and decision-makers to collaborate to make better-informed decisions on how to reduce use and emissions. Without these data reports and studies it would be hard to measure progress and see if implemented policies have yielded the intended impacts. These State Reports are developed to track State of Wisconsin facilities' consumption and GHG emissions to measure and help inform agencies regarding progress in Wisconsin's conservation and emissions-reduction goals.

Beginning in FY2021, the State Facilities Estimated Water Use and Costs Report was developed to for the largest State of Wisconsin owned and operated facilities. These facilities account for the majority of water consumed and buildings owned by the State of Wisconsin. Values for each agency reflect buildings owned but not necessarily occupied by that agency. Agencies addressed in this report include the following: Department of Public Instruction (DPI), University of Wisconsin System (UWS), Department of Health Services (DHS), Department of Corrections (DOC), Department of Veterans Affairs (DVA), the Department of Administration (DOA), Department of Natural Resources (DNR); and Department of Transportation (DOT).

## WATER USE ACCOUNTING AND TRACKING

The water use accounting and tracking reports were designed to record, track, and communicate the estimated water use of state buildings. Reducing facility water use not only makes sense at the facility level, but it also helps communities to delay costly infrastructure upgrades, while preserving our limited water supplies for future generations. The principles of water efficiency are becoming ingrained in the commercial real estate market as an integral part of green building and sustainable event planning. Implementing specific measures that make a facility more water and energy efficient helps an organization earn recognition from local green building programs, EPA and the U.S. Energy Department's (DOE's) ENERGY STAR, or the U.S. Green Building Council's LEED rating system. At the same time, many national, state, and local organizations have instituted environmental requirements for both their own facilities and those where meetings and conferences are held. Facilities can strengthen their ability to compete in this growing market niche by undertaking specific water- and energy-efficiency measures.

The State Facilities Estimated Water Use and Costs Report was designed for facility managers involved in facility resource conservation to help:

- Assess facility water use.
- Establish a water management plan.
- Effectively communicate and achieve water management goals.
- Reduce water loss from leaks.
- Generate ideas for increasing the efficiency of water-using fixtures, equipment, systems, and processes.
- Identify opportunities for reusing onsite alternative water to replace potable water use.

Refer to <https://www.epa.gov/watersense>, WaterSense, a voluntary partnership program sponsored by the U.S. Environmental Protection Agency (EPA), seeks to protect the future of our nation's water supply. Also, refer to Appendix A - Case Study Water Conservation at EPA as an example program for implementation at facilities, starting with monitoring and tracking water use as discussed herein.

# Statewide Water Use and Costs Summary



## SCOPE

Includes the major facilities in eight state agencies. Agencies and facilities are discussed individually in this report.

Total Agency Water & Sewer Costs from <https://openbook.wi.gov/data>:

	Water & Sewer Costs	2017	2018	2019	2020	2021
UW	University of Wisconsin System	\$ 14,080,182	\$ 13,253,467	\$ 14,725,726	\$ 13,792,165	\$ 12,870,545
DOC	Corrections, Department of	\$ 8,826,759	\$ 9,602,015	\$ 9,938,057	\$ 10,439,751	\$ 8,608,853
DHS	Health Services, Department of	\$ 1,876,190	\$ 2,065,677	\$ 2,164,879	\$ 2,342,656	\$ 1,623,569
DOA	Administration, Department of	\$ 614,497	\$ 671,963	\$ 665,956	\$ 810,239	\$ 579,560
DVA	Veterans Affairs, Department of	\$ 352,794	\$ 338,642	\$ 325,467	\$ 325,564	\$ 205,137
DPI	Public Instruction, Department of	\$ 58,071	\$ 81,268	\$ 79,355	\$ 66,287	\$ 41,728
		\$ 25,808,492	\$ 26,013,033	\$ 27,899,439	\$ 27,776,661	\$ 23,929,392
		FY17	FY18	FY19	FY20	FY21
	Gross Square Feet	GSF	GSF	GSF	GSF	GSF
UW	University of Wisconsin System	55,405,452	55,405,452	55,214,198	55,775,480	55,932,153
DOC	Corrections, Department of	7,939,611	7,939,611	7,939,611	7,939,611	7,939,611
DHS	Health Services, Department of	4,159,400	4,159,400	4,159,400	4,159,400	4,159,400
DOA	Administration, Department of	4,019,258	3,968,416	4,202,931	4,202,931	4,202,931
DVA	Veterans Affairs, Department of	733,728	733,728	733,728	733,728	733,728
DPI	Public Instruction, Department of	441,183	441,183	441,183	441,183	441,183
		72,698,632	72,647,790	72,691,051	73,252,333	73,409,006
	Water & Sewer \$/GSF	2017	2018	2019	2020	2021
UW	University of Wisconsin System	\$ 0.25	\$ 0.24	\$ 0.27	\$ 0.25	\$ 0.23
DOC	Corrections, Department of	\$ 1.11	\$ 1.21	\$ 1.25	\$ 1.31	\$ 1.08
DHS	Health Services, Department of	\$ 0.45	\$ 0.50	\$ 0.52	\$ 0.56	\$ 0.39
DOA	Administration, Department of	\$ 0.15	\$ 0.17	\$ 0.16	\$ 0.19	\$ 0.14
DVA	Veterans Affairs, Department of	\$ 0.48	\$ 0.46	\$ 0.44	\$ 0.44	\$ 0.28
DPI	Public Instruction, Department of	\$ 0.13	\$ 0.18	\$ 0.18	\$ 0.15	\$ 0.09
		\$ 0.36	\$ 0.36	\$ 0.38	\$ 0.38	\$ 0.33

# University of Wisconsin System (UWS)



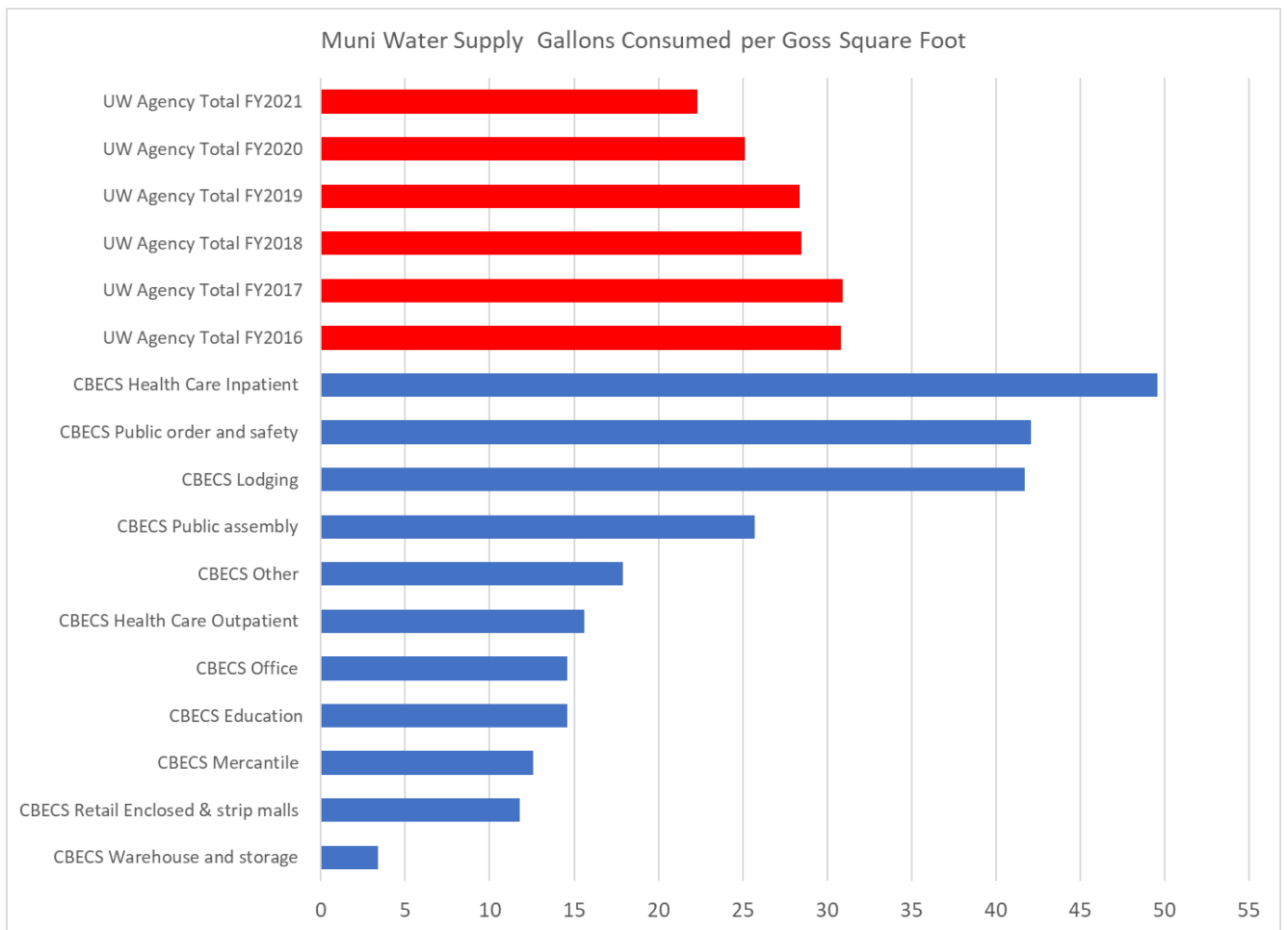
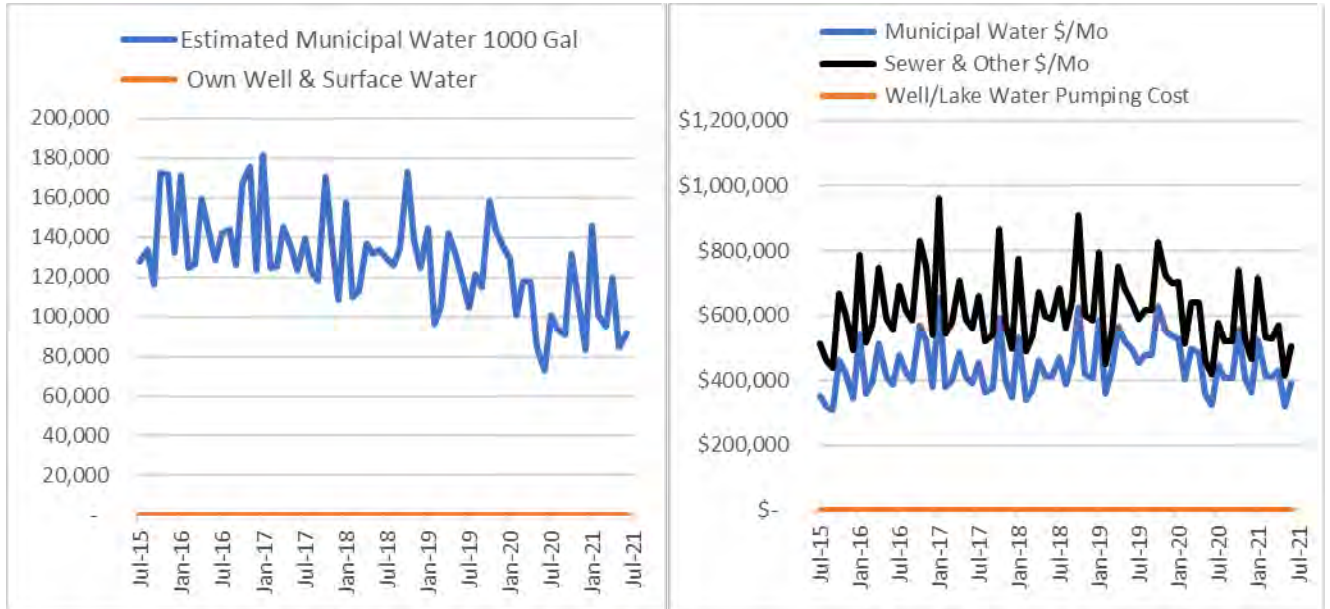
## SCOPE

Includes 13-four year university campuses: Eau Claire; Green Bay; La Crosse; Madison; Milwaukee; Oshkosh; Parkside; Platteville; River Falls; Stevens Point; Stout; Superior; and Whitewater.

Also, includes 13 two-year college campuses: Baraboo/Sauk County; Barron County; Fond du Lac; Fox Valley; Manitowoc; Marathon County; Marinette; Marshfield/Wood County; Richland; Rock County; Sheboygan; Washington County; and Waukesha.

UW Agency Total		Own Well/Lake= No		Muni Water Supply				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	55,389,670	1,707,387	-	1,707,387	30.83		30.83	\$ 0.30
2017	55,405,452	1,714,309	-	1,714,309	30.94		30.94	\$ 0.34
2018	55,405,452	1,578,902	-	1,578,902	28.50		28.50	\$ 0.32
2019	55,214,198	1,567,241	-	1,567,241	28.38		28.38	\$ 0.35
2020	55,775,480	1,401,470	-	1,401,470	25.13		25.13	\$ 0.34
2021	55,932,153	1,246,694	-	1,246,694	22.29		22.29	\$ 0.30
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 4,823,263	\$ 11,778,547	40.9%	\$ -	\$ 2.82		\$ 2.82	\$ 9.72
2017	\$ 5,490,563	\$ 13,449,315	40.8%	\$ -	\$ 3.20		\$ 3.20	\$ 11.05
2018	\$ 5,068,856	\$ 12,394,102	40.9%	\$ -	\$ 3.21		\$ 3.21	\$ 11.06
2019	\$ 5,722,267	\$ 13,567,787	42.2%	\$ -	\$ 3.65		\$ 3.65	\$ 12.31
2020	\$ 5,721,316	\$ 13,169,880	43.4%	\$ -	\$ 4.08		\$ 4.08	\$ 13.48
2021	\$ 5,078,058	\$ 11,700,513	43.4%	\$ -	\$ 4.07		\$ 4.07	\$ 13.46
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.91		-	1.39	2.64			0.0815
2017	1.98		-	1.45	2.87			0.0888
2018	1.99		-	1.39	2.78			0.0792
2019	1.97		-	1.23	2.43			0.0689
2020	2.02		-	1.19	2.40			0.0602
2021	2.08		-	1.15	2.39			0.0533





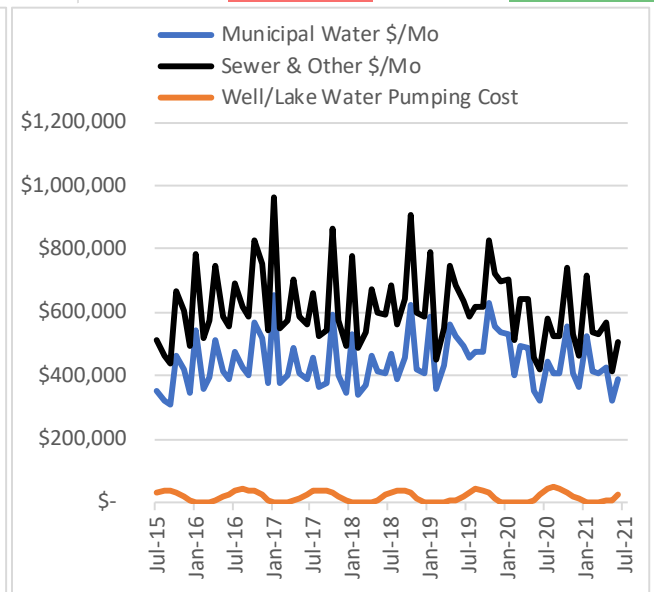
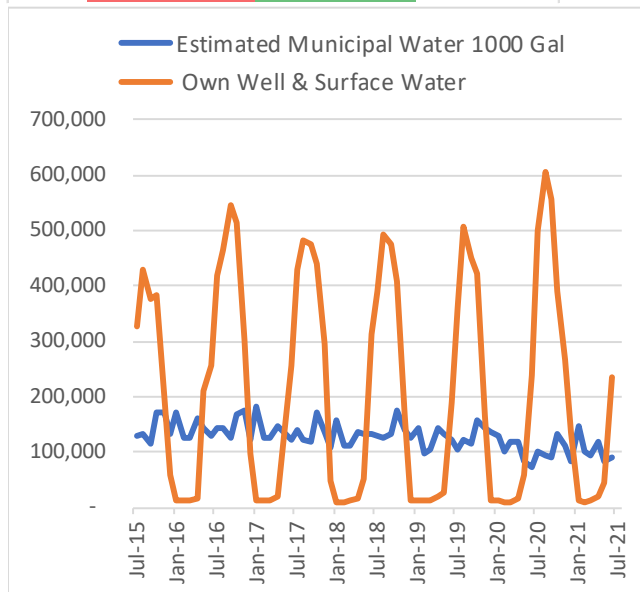
UW Agency Total		Own Well/Lake= Yes		Include Lake and Well Water				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	55,389,670	1,707,387	2,291,415	3,998,802	30.83	41.37	72.19	\$ 0.30
2017	55,405,452	1,714,309	2,779,298	4,493,607	30.94	50.16	81.10	\$ 0.35
2018	55,405,452	1,578,902	2,581,236	4,160,138	28.50	46.59	75.09	\$ 0.32
2019	55,214,198	1,567,241	2,214,750	3,781,991	28.38	40.11	68.50	\$ 0.35
2020	55,775,480	1,401,470	2,266,390	3,667,860	25.13	40.63	65.76	\$ 0.34
2021	55,932,153	1,246,694	2,793,787	4,040,480	22.29	49.95	72.24	\$ 0.30

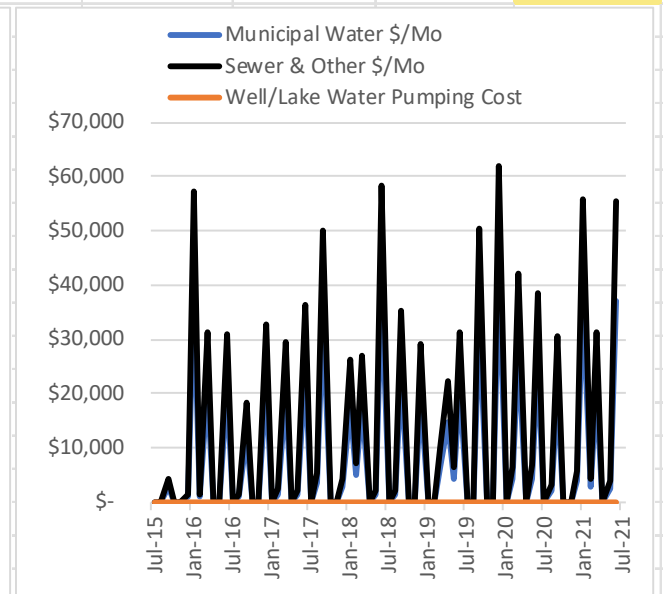
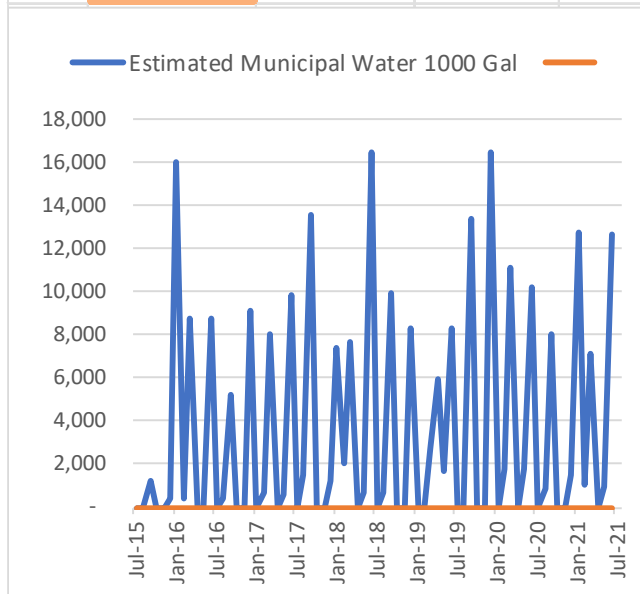
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 4,823,263	\$ 11,778,547	40.9%	\$ 218,548	\$ 2.82	\$ 0.10	\$ 2.92	\$ 4.21
2017	\$ 5,490,563	\$ 13,449,315	40.8%	\$ 238,425	\$ 3.20	\$ 0.09	\$ 3.29	\$ 4.27
2018	\$ 5,068,856	\$ 12,394,102	40.9%	\$ 212,020	\$ 3.21	\$ 0.08	\$ 3.29	\$ 4.25
2019	\$ 5,722,267	\$ 13,567,787	42.2%	\$ 187,227	\$ 3.65	\$ 0.08	\$ 3.74	\$ 5.15
2020	\$ 5,721,316	\$ 13,169,880	43.4%	\$ 202,891	\$ 4.08	\$ 0.09	\$ 4.17	\$ 5.21
2021	\$ 5,078,058	\$ 11,700,513	43.4%	\$ 250,202	\$ 4.07	\$ 0.09	\$ 4.16	\$ 4.21

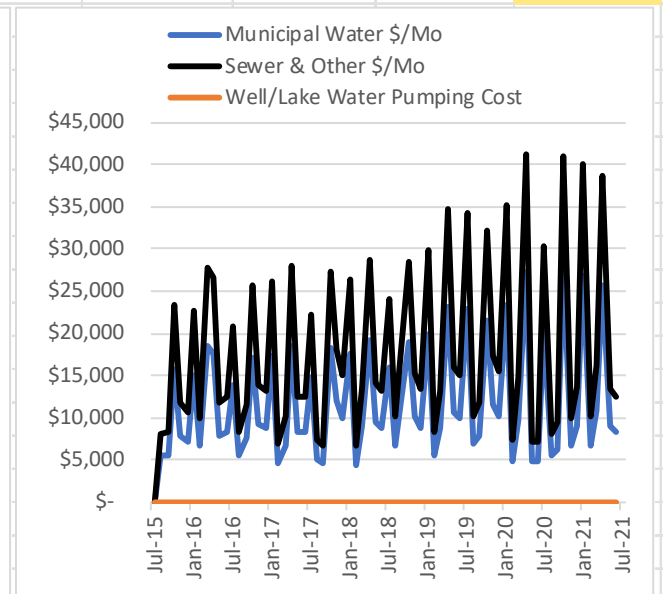
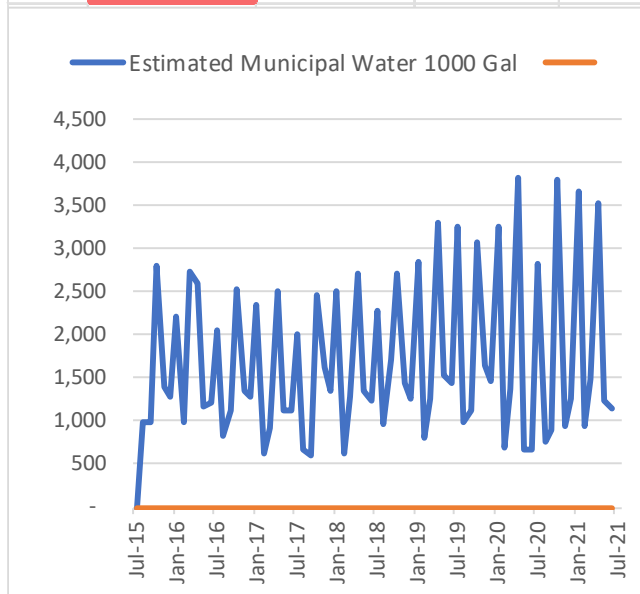
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.91	1.02	2,338,766	1.39	1.94	0.0422	144.11	0.1400
2017	1.98	0.98	2,722,629	1.45	1.97	0.0491	167.72	0.1600
2018	1.99	0.96	2,470,308	1.39	1.88	0.0446	152.17	0.1413
2019	1.97	0.98	2,173,324	1.23	1.71	0.0394	134.34	0.1175
2020	2.02	0.99	2,248,007	1.19	1.64	0.0403	137.56	0.1081
2021	2.08	0.98	2,737,761	1.15	1.52	0.0489	167.06	0.1097



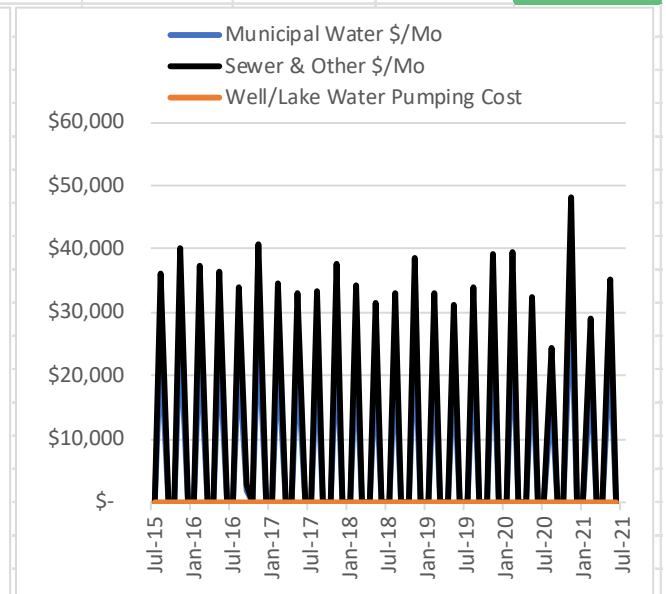
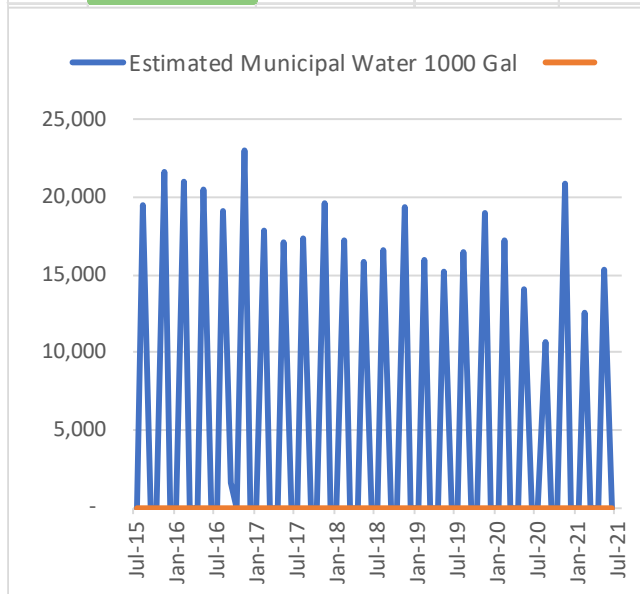
UW-Eau Claire		Own Well/Lake=	No	Vendor =	Eau Claire Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	2,634,457	35,528	-	35,528	13.49		13.49	\$ 0.11
2017	2,634,457	33,912	-	33,912	12.87		12.87	\$ 0.11
2018	2,634,457	50,593	-	50,593	19.20		19.20	\$ 0.16
2019	2,634,457	37,494	-	37,494	14.23		14.23	\$ 0.12
2020	2,785,457	54,767	-	54,767	19.66		19.66	\$ 0.17
2021	2,785,457	45,055	-	45,055	16.18		16.18	\$ 0.16
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 84,527	\$ 211,318	40.0%	\$ -	\$ 2.38		\$ 2.38	\$ 8.33
2017	\$ 82,135	\$ 205,338	40.0%	\$ -	\$ 2.42		\$ 2.42	\$ 8.48
2018	\$ 120,928	\$ 302,319	40.0%	\$ -	\$ 2.39		\$ 2.39	\$ 8.37
2019	\$ 91,263	\$ 228,157	40.0%	\$ -	\$ 2.43		\$ 2.43	\$ 8.52
2020	\$ 137,549	\$ 343,873	40.0%	\$ -	\$ 2.51		\$ 2.51	\$ 8.79
2021	\$ 127,136	\$ 317,840	40.0%	\$ -	\$ 2.82		\$ 2.82	\$ 9.88
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.06		-	1.39	2.86			0.0386
2017	2.04		-	1.45	2.96			0.0381
2018	2.05		-	1.39	2.85			0.0548
2019	2.07		-	1.23	2.55			0.0363
2020	2.05		-	1.19	2.44			0.0479
2021	2.06		-	1.15	2.38			0.0384



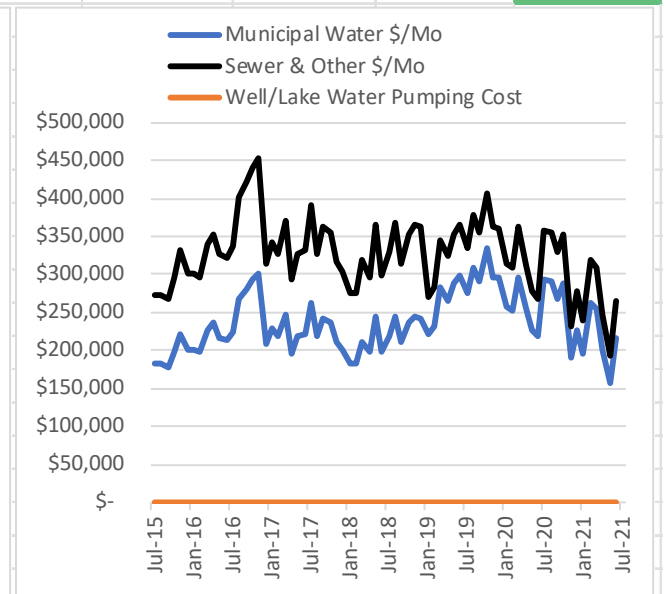
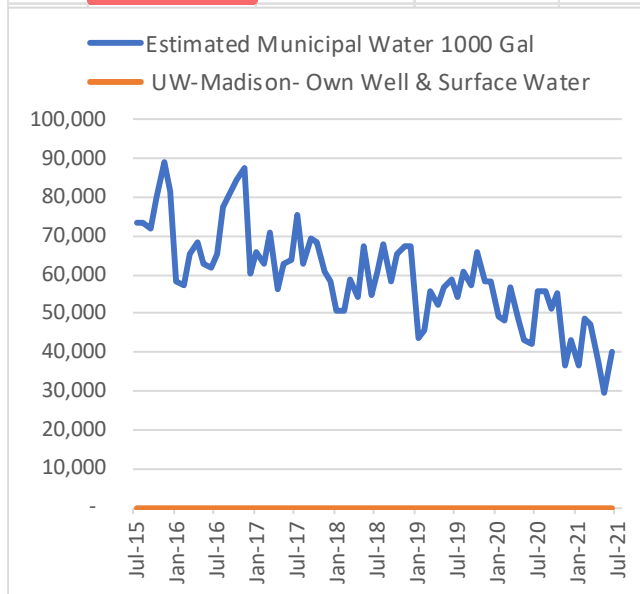
UW-Green Bay		Own Well/Lake=	No	Vendor =	Village of Allouez Water Department			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,386,055	18,395	-	18,395	13.27		13.27	\$ 0.29
2017	1,386,055	17,840	-	17,840	12.87		12.87	\$ 0.32
2018	1,386,055	18,439	-	18,439	13.30		13.30	\$ 0.34
2019	1,386,055	21,547	-	21,547	15.55		15.55	\$ 0.38
2020	1,386,058	22,049	-	22,049	15.91		15.91	\$ 0.39
2021	1,386,058	22,477	-	22,477	16.22		16.22	\$ 0.41
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 115,847	\$ 289,616	40.0%	\$ -	\$ 6.30		\$ 6.30	\$ 22.04
2017	\$ 126,246	\$ 315,614	40.0%	\$ -	\$ 7.08		\$ 7.08	\$ 24.77
2018	\$ 132,919	\$ 332,297	40.0%	\$ -	\$ 7.21		\$ 7.21	\$ 25.23
2019	\$ 151,214	\$ 378,035	40.0%	\$ -	\$ 7.02		\$ 7.02	\$ 24.56
2020	\$ 156,114	\$ 390,285	40.0%	\$ -	\$ 7.08		\$ 7.08	\$ 24.78
2021	\$ 162,685	\$ 406,712	40.0%	\$ -	\$ 7.24		\$ 7.24	\$ 25.33
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.0368
2017	2.00		-	1.45	2.90			0.0373
2018	2.00		-	1.39	2.79			0.0371
2019	2.00		-	1.23	2.47			0.0383
2020	2.00		-	1.19	2.38			0.0378
2021	2.00		-	1.15	2.30			0.0374



UW-La Crosse		Own Well/Lake=	No	Vendor =	La Crosse Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	3,008,972	82,719	-	82,719	27.49		27.49	\$ 0.12
2017	3,008,972	78,720	-	78,720	26.16		26.16	\$ 0.11
2018	3,008,972	69,954	-	69,954	23.25		23.25	\$ 0.11
2019	3,008,972	67,180	-	67,180	22.33		22.33	\$ 0.11
2020	3,207,814	66,766	-	66,766	20.81		20.81	\$ 0.11
2021	3,220,082	59,325	-	59,325	18.42		18.42	\$ 0.10
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 99,792	\$ 249,480	40.0%	\$ -	\$ 1.21		\$ 1.21	\$ 4.22
2017	\$ 96,597	\$ 241,492	40.0%	\$ -	\$ 1.23		\$ 1.23	\$ 4.29
2018	\$ 91,090	\$ 227,724	40.0%	\$ -	\$ 1.30		\$ 1.30	\$ 4.56
2019	\$ 90,573	\$ 226,432	40.0%	\$ -	\$ 1.35		\$ 1.35	\$ 4.72
2020	\$ 96,949	\$ 242,373	40.0%	\$ -	\$ 1.45		\$ 1.45	\$ 5.08
2021	\$ 91,186	\$ 227,966	40.0%	\$ -	\$ 1.54		\$ 1.54	\$ 5.38
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.33		-	1.39	1.84			0.0506
2017	1.45		-	1.45	2.10			0.0551
2018	1.56		-	1.39	2.17			0.0505
2019	1.46		-	1.23	1.80			0.0403
2020	1.35		-	1.19	1.60			0.0333
2021	1.35		-	1.15	1.55			0.0286



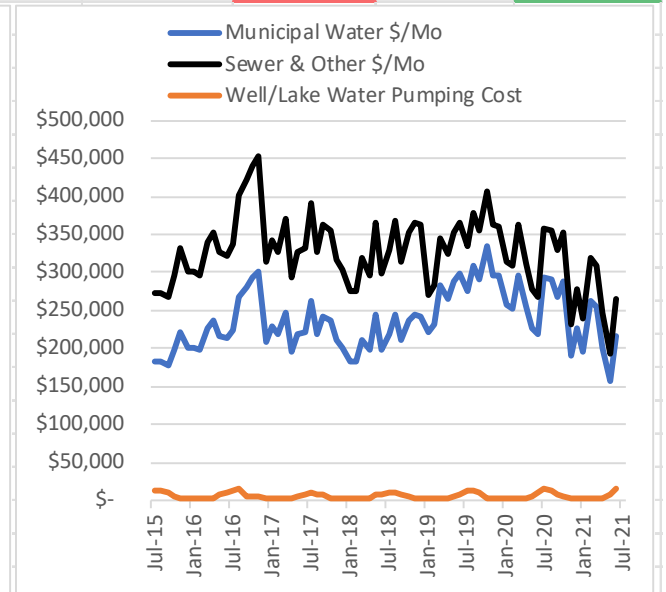
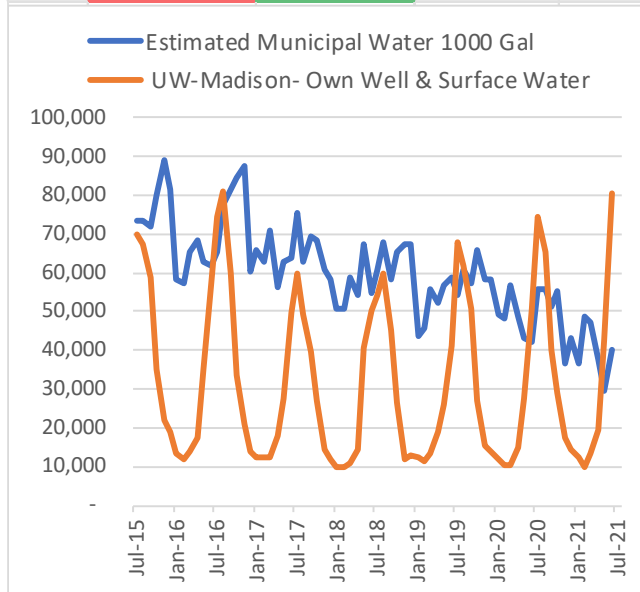
UW-Madison		Own Well/Lake=	No	Vendor =	Madison Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	22,931,250	843,200	-	843,200	36.77		36.77	\$ 0.37
2017	22,947,032	839,616	-	839,616	36.59		36.59	\$ 0.44
2018	22,947,032	732,446	-	732,446	31.92		31.92	\$ 0.39
2019	22,755,778	698,880	-	698,880	30.71		30.71	\$ 0.44
2020	22,755,778	642,649	-	642,649	28.24		28.24	\$ 0.47
2021	22,755,778	537,245	-	537,245	23.61		23.61	\$ 0.40
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 2,452,521	\$ 6,131,302	40.0%	\$ -	\$ 2.91		\$ 2.91	\$ 10.18
2017	\$ 2,904,301	\$ 7,260,754	40.0%	\$ -	\$ 3.46		\$ 3.46	\$ 12.11
2018	\$ 2,589,173	\$ 6,472,933	40.0%	\$ -	\$ 3.53		\$ 3.53	\$ 12.37
2019	\$ 2,982,688	\$ 7,016,018	42.5%	\$ -	\$ 4.27		\$ 4.27	\$ 14.31
2020	\$ 3,307,150	\$ 7,349,223	45.0%	\$ -	\$ 5.15		\$ 5.15	\$ 16.58
2021	\$ 2,848,547	\$ 6,330,104	45.0%	\$ -	\$ 5.30		\$ 5.30	\$ 17.08
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.08		-	1.39	2.88			0.1060
2017	2.15		-	1.45	3.12			0.1142
2018	2.16		-	1.39	3.01			0.0959
2019	2.11		-	1.23	2.60			0.0799
2020	2.23		-	1.19	2.65			0.0750
2021	2.27		-	1.15	2.61			0.0617



UW-Madison		Own Well/Lake=	Yes	Vendor =	Madison Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	22,931,250	843,200	421,362	1,264,562	36.77	18.38	55.15	\$ 0.38
2017	22,947,032	839,616	415,992	1,255,608	36.59	18.13	54.72	\$ 0.45
2018	22,947,032	732,446	337,766	1,070,212	31.92	14.72	46.64	\$ 0.40
2019	22,755,778	698,880	334,604	1,033,484	30.71	14.70	45.42	\$ 0.44
2020	22,755,778	642,649	362,412	1,005,061	28.24	15.93	44.17	\$ 0.47
2021	22,755,778	537,245	418,943	956,188	23.61	18.41	42.02	\$ 0.41

Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 2,452,521	\$ 6,131,302	40.0%	\$ 80,402	\$ 2.91	\$ 0.19	\$ 3.10	\$ 6.85
2017	\$ 2,904,301	\$ 7,260,754	40.0%	\$ 73,803	\$ 3.46	\$ 0.18	\$ 3.64	\$ 8.15
2018	\$ 2,589,173	\$ 6,472,933	40.0%	\$ 60,280	\$ 3.53	\$ 0.18	\$ 3.71	\$ 8.52
2019	\$ 2,982,688	\$ 7,016,018	42.5%	\$ 61,842	\$ 4.27	\$ 0.18	\$ 4.45	\$ 9.73
2020	\$ 3,307,150	\$ 7,349,223	45.0%	\$ 69,650	\$ 5.15	\$ 0.19	\$ 5.34	\$ 10.67
2021	\$ 2,848,547	\$ 6,330,104	45.0%	\$ 79,619	\$ 5.30	\$ 0.19	\$ 5.49	\$ 9.68

Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.08	2.00	842,724	1.39	2.85	0.0368	125.43	0.1569
2017	2.15	2.00	831,985	1.45	3.05	0.0363	123.74	0.1668
2018	2.16	2.00	675,533	1.39	2.94	0.0294	100.47	0.1370
2019	2.11	2.00	669,208	1.23	2.56	0.0294	100.37	0.1161
2020	2.23	2.00	724,825	1.19	2.55	0.0319	108.71	0.1128
2021	2.27	2.00	837,887	1.15	2.48	0.0368	125.67	0.1041



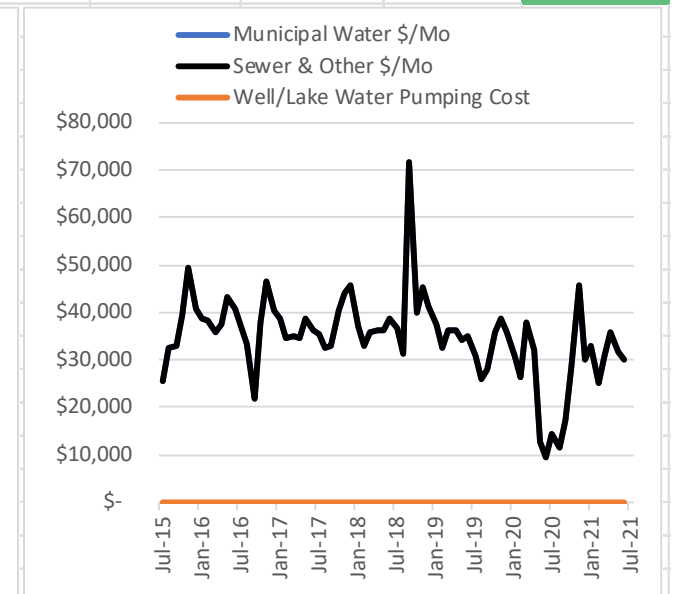
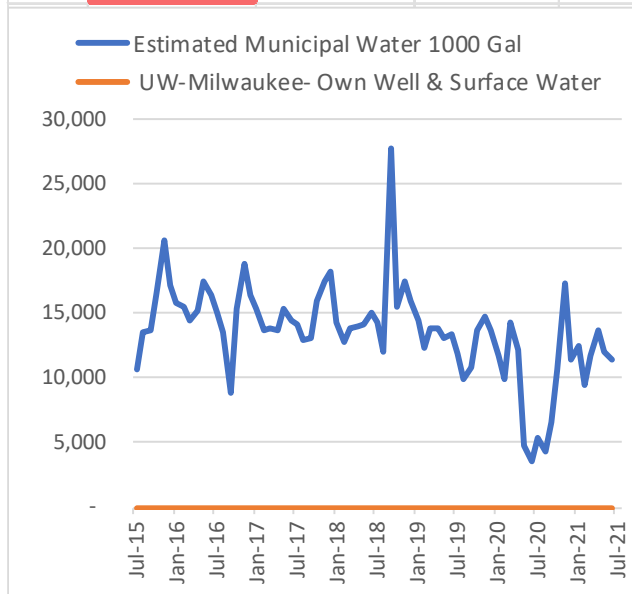
UW-Milwaukee		Own Well/Lake=	No	Vendor =	Milwaukee Water Works			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	5,279,687	187,313	-	187,313	35.48		35.48	\$ 0.26
2017	5,279,687	174,413	-	174,413	33.03		33.03	\$ 0.25
2018	5,279,687	176,066	-	176,066	33.35		33.35	\$ 0.25
2019	5,279,687	184,248	-	184,248	34.90		34.90	\$ 0.27
2020	5,275,082	131,267	-	131,267	24.88		24.88	\$ 0.20
2021	5,275,082	126,627	-	126,627	24.00		24.00	\$ 0.19

Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 455,118	\$ 910,237	50.0%	\$ -	\$ 2.43		\$ 2.43	\$ 7.29
2017	\$ 434,988	\$ 869,976	50.0%	\$ -	\$ 2.49		\$ 2.49	\$ 7.48
2018	\$ 448,381	\$ 896,763	50.0%	\$ -	\$ 2.55		\$ 2.55	\$ 7.64
2019	\$ 477,430	\$ 954,860	50.0%	\$ -	\$ 2.59		\$ 2.59	\$ 7.77
2020	\$ 344,489	\$ 688,977	50.0%	\$ -	\$ 2.62		\$ 2.62	\$ 7.87
2021	\$ 333,702	\$ 667,404	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.91

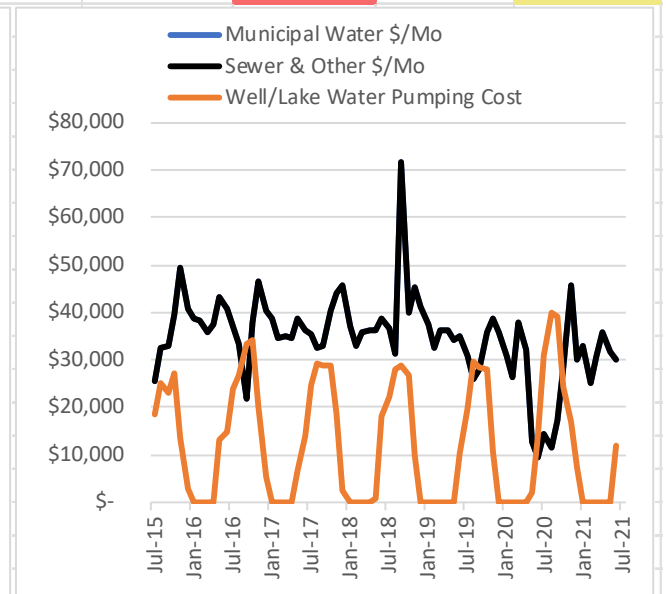
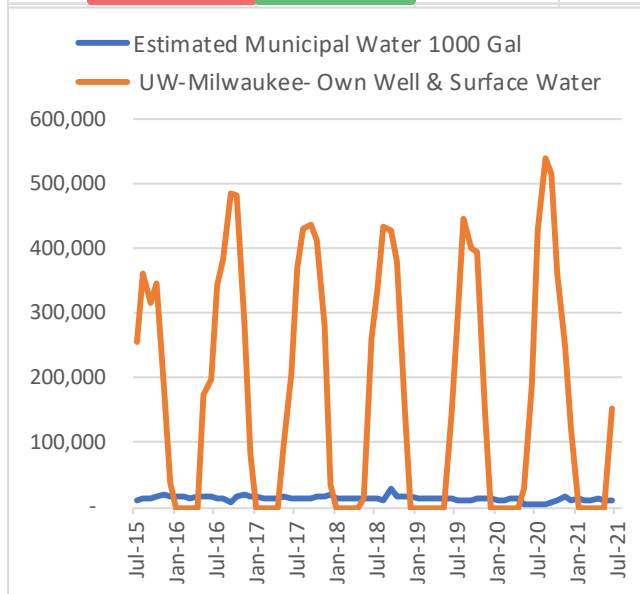
  

Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.78		-	1.39	2.47			0.0875
2017	1.83		-	1.45	2.65			0.0876
2018	1.77		-	1.39	2.46			0.0822
2019	1.73		-	1.23	2.13			0.0744
2020	1.86		-	1.19	2.20			0.0549
2021	1.89		-	1.15	2.17			0.0522

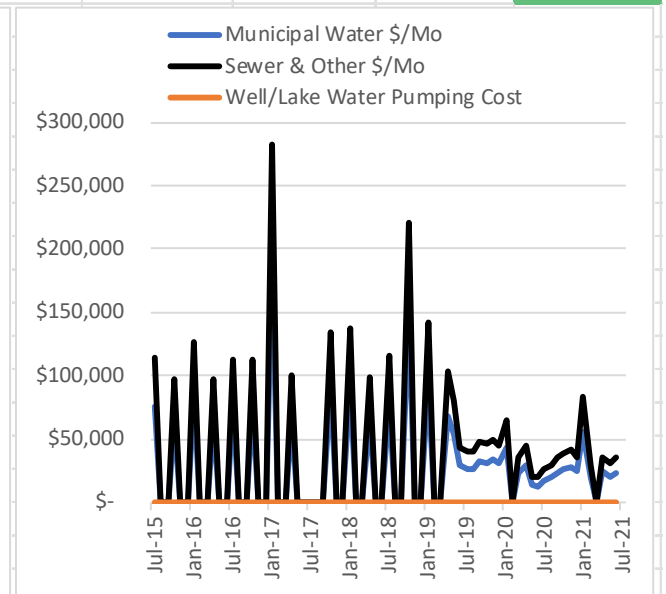
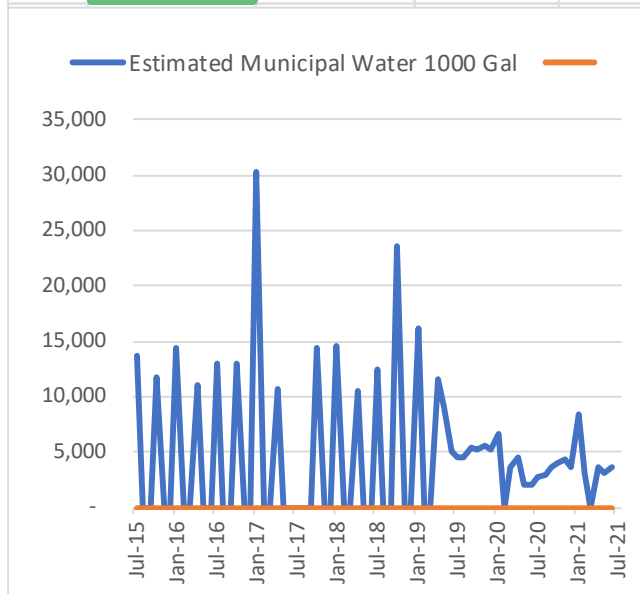




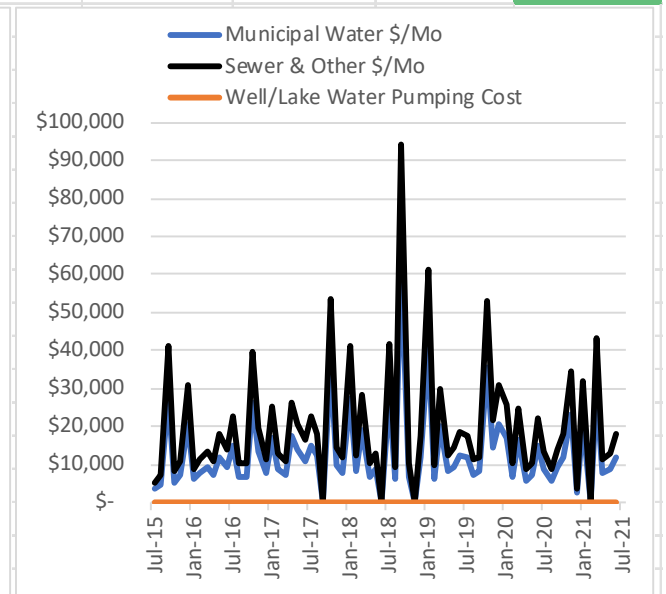
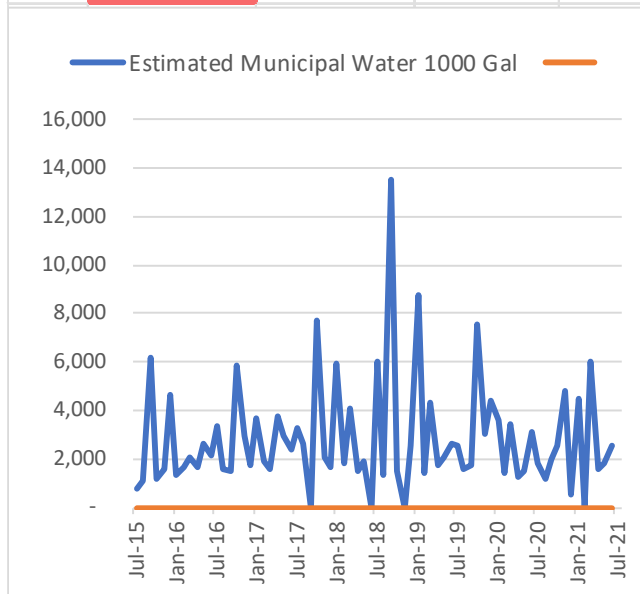
UW-Milwaukee		Own Well/Lake=	Yes	Vendor =	Milwaukee Water Works			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	5,279,687	187,313	1,870,052	2,057,366	35.48	354.20	389.68	\$ 0.28
2017	5,279,687	174,413	2,363,306	2,537,719	33.03	447.62	480.66	\$ 0.28
2018	5,279,687	176,066	2,243,469	2,419,535	33.35	424.92	458.27	\$ 0.28
2019	5,279,687	184,248	1,880,146	2,064,393	34.90	356.11	391.01	\$ 0.30
2020	5,275,082	131,267	1,903,977	2,035,244	24.88	360.94	385.82	\$ 0.22
2021	5,275,082	126,627	2,374,843	2,501,470	24.00	450.20	474.20	\$ 0.22
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 455,118	\$ 910,237	50.0%	\$ 138,146	\$ 2.43	\$ 0.07	\$ 2.50	\$ 0.73
2017	\$ 434,988	\$ 869,976	50.0%	\$ 164,622	\$ 2.49	\$ 0.07	\$ 2.56	\$ 0.58
2018	\$ 448,381	\$ 896,763	50.0%	\$ 151,740	\$ 2.55	\$ 0.07	\$ 2.61	\$ 0.62
2019	\$ 477,430	\$ 954,860	50.0%	\$ 125,385	\$ 2.59	\$ 0.07	\$ 2.66	\$ 0.75
2020	\$ 344,489	\$ 688,977	50.0%	\$ 133,241	\$ 2.62	\$ 0.07	\$ 2.69	\$ 0.57
2021	\$ 333,702	\$ 667,404	50.0%	\$ 170,583	\$ 2.64	\$ 0.07	\$ 2.71	\$ 0.47
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.78	0.80	1,496,042	1.39	1.23	0.2834	967.10	0.4799
2017	1.83	0.80	1,890,644	1.45	1.26	0.3581	1,222.19	0.6064
2018	1.77	0.80	1,794,775	1.39	1.21	0.3399	1,160.21	0.5561
2019	1.73	0.80	1,504,116	1.23	1.09	0.2849	972.32	0.4256
2020	1.86	0.80	1,523,182	1.19	1.03	0.2888	985.50	0.3979
2021	1.89	0.80	1,899,875	1.15	0.98	0.3602	1,229.23	0.4670



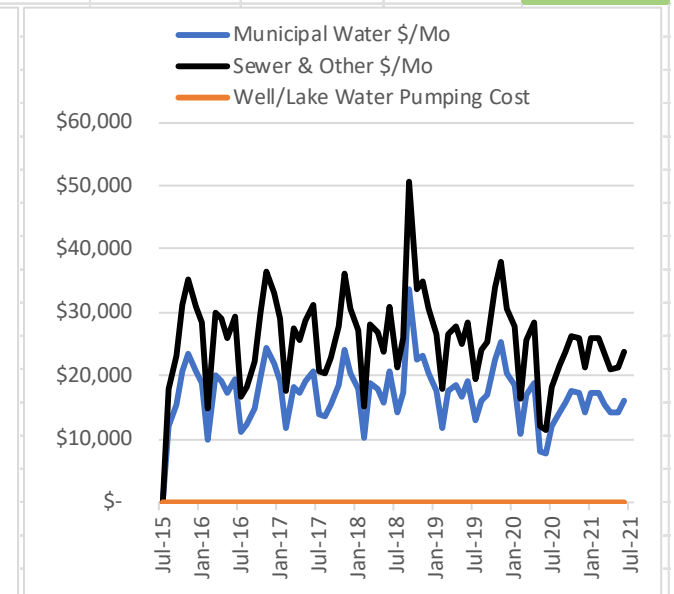
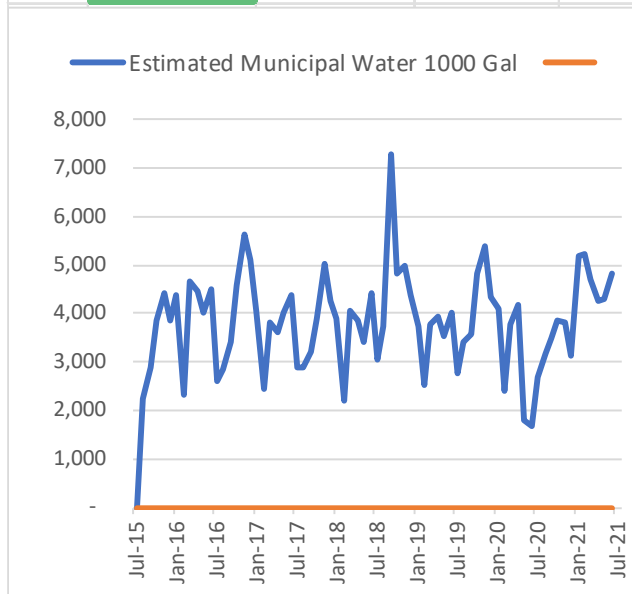
UW-Oshkosh		Own Well/Lake=	No	Vendor =	City of Oshkosh Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	3,259,189	50,938	-	50,938	15.63		15.63	\$ 0.31
2017	3,259,189	67,017	-	67,017	20.56		20.56	\$ 0.44
2018	3,259,189	39,671	-	39,671	12.17		12.17	\$ 0.27
2019	3,259,189	77,754	-	77,754	23.86		23.86	\$ 0.51
2020	3,288,596	49,126	-	49,126	14.94		14.94	\$ 0.32
2021	3,288,596	43,103	-	43,103	13.11		13.11	\$ 0.30
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 290,197	\$ 725,493	40.0%	\$ -	\$ 5.70		\$ 5.70	\$ 19.94
2017	\$ 406,981	\$ 1,017,453	40.0%	\$ -	\$ 6.07		\$ 6.07	\$ 21.25
2018	\$ 247,781	\$ 619,452	40.0%	\$ -	\$ 6.25		\$ 6.25	\$ 21.86
2019	\$ 470,839	\$ 1,177,098	40.0%	\$ -	\$ 6.06		\$ 6.06	\$ 21.19
2020	\$ 301,299	\$ 753,247	40.0%	\$ -	\$ 6.13		\$ 6.13	\$ 21.47
2021	\$ 282,660	\$ 706,651	40.0%	\$ -	\$ 6.56		\$ 6.56	\$ 22.95
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.92		-	1.39	2.67			0.0417
2017	1.81		-	1.45	2.63			0.0541
2018	1.83		-	1.39	2.56			0.0311
2019	1.74		-	1.23	2.14			0.0511
2020	1.80		-	1.19	2.14			0.0320
2021	1.74		-	1.15	2.00			0.0263



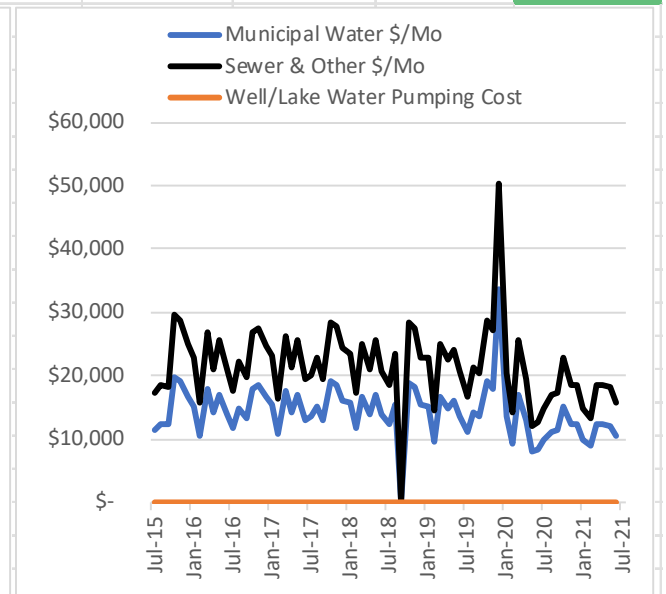
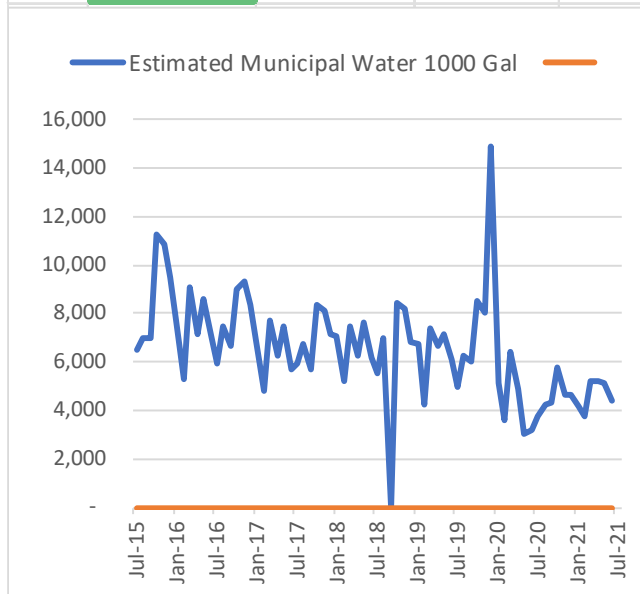
UW-Parkside		Own Well/Lake=	No	Vendor =	Village of Somers Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,262,322	26,911	-	26,911	21.32		21.32	\$ 0.33
2017	1,262,322	33,137	-	33,137	26.25		26.25	\$ 0.42
2018	1,262,322	32,466	-	32,466	25.72		25.72	\$ 0.42
2019	1,262,322	45,736	-	45,736	36.23		36.23	\$ 0.59
2020	1,374,576	35,206	-	35,206	25.61		25.61	\$ 0.42
2021	1,374,576	29,291	-	29,291	21.31		21.31	\$ 0.36
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 120,559	\$ 301,396	40.0%	\$ -	\$ 4.48		\$ 4.48	\$ 15.68
2017	\$ 151,101	\$ 377,752	40.0%	\$ -	\$ 4.56		\$ 4.56	\$ 15.96
2018	\$ 150,555	\$ 376,388	40.0%	\$ -	\$ 4.64		\$ 4.64	\$ 16.23
2019	\$ 212,428	\$ 531,071	40.0%	\$ -	\$ 4.64		\$ 4.64	\$ 16.26
2020	\$ 165,512	\$ 413,781	40.0%	\$ -	\$ 4.70		\$ 4.70	\$ 16.45
2021	\$ 139,677	\$ 349,192	40.0%	\$ -	\$ 4.77		\$ 4.77	\$ 16.69
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.0591
2017	2.00		-	1.45	2.90			0.0761
2018	2.00		-	1.39	2.79			0.0717
2019	2.00		-	1.23	2.47			0.0893
2020	2.00		-	1.19	2.38			0.0609
2021	2.00		-	1.15	2.30			0.0491



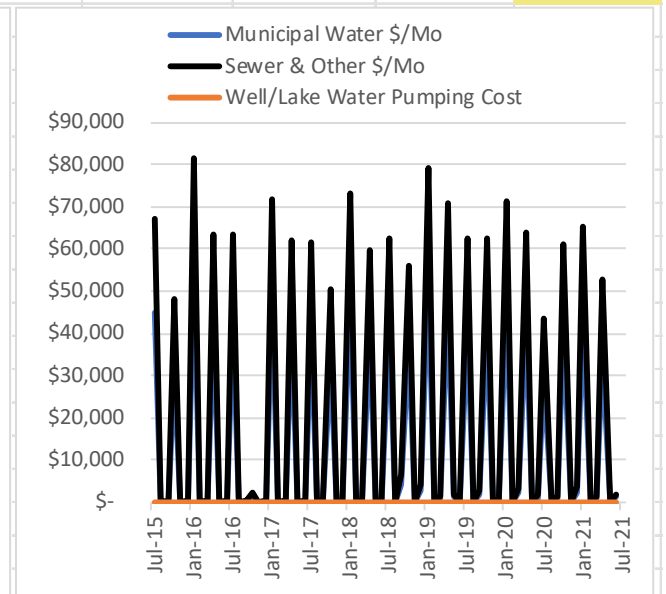
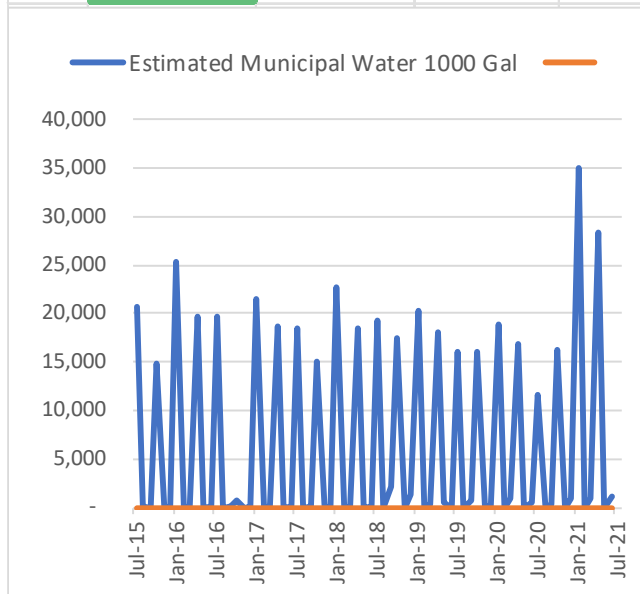
UW-Platteville		Own Well/Lake=	No	Vendor =	Platteville Water and Sewer Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	2,244,485	41,553	-	41,553	18.51		18.51	\$ 0.31
2017	2,244,485	46,507	-	46,507	20.72		20.72	\$ 0.33
2018	2,244,485	44,031	-	44,031	19.62		19.62	\$ 0.32
2019	2,244,485	49,787	-	49,787	22.18		22.18	\$ 0.36
2020	2,132,462	42,190	-	42,190	19.78		19.78	\$ 0.32
2021	2,132,462	48,630	-	48,630	22.80		22.80	\$ 0.30
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 197,317	\$ 493,293	40.0%	\$ -	\$ 4.75		\$ 4.75	\$ 16.62
2017	\$ 210,819	\$ 527,047	40.0%	\$ -	\$ 4.53		\$ 4.53	\$ 15.87
2018	\$ 207,190	\$ 517,974	40.0%	\$ -	\$ 4.71		\$ 4.71	\$ 16.47
2019	\$ 232,572	\$ 581,430	40.0%	\$ -	\$ 4.67		\$ 4.67	\$ 16.35
2020	\$ 195,463	\$ 488,656	40.0%	\$ -	\$ 4.63		\$ 4.63	\$ 16.22
2021	\$ 185,587	\$ 463,969	40.0%	\$ -	\$ 3.82		\$ 3.82	\$ 13.36
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.99		-	1.39	4.14			0.0767
2017	3.17		-	1.45	4.59			0.0951
2018	3.18		-	1.39	4.43			0.0869
2019	3.06		-	1.23	3.77			0.0836
2020	3.13		-	1.19	3.72			0.0736
2021	2.91		-	1.15	3.35			0.0764



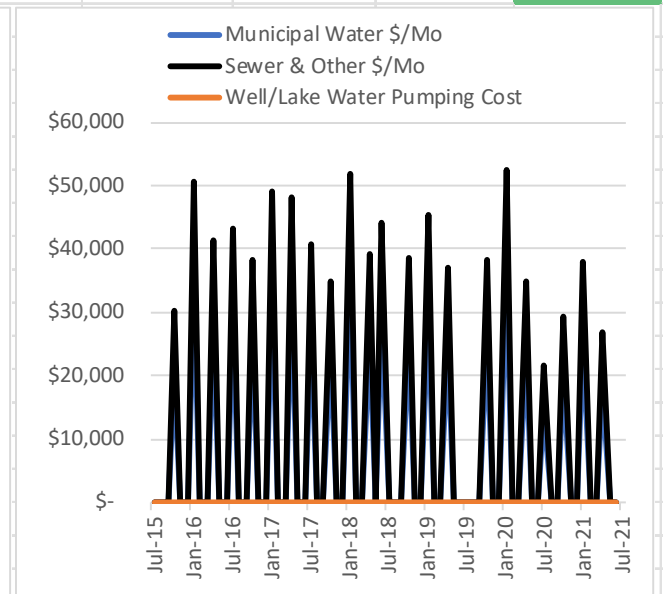
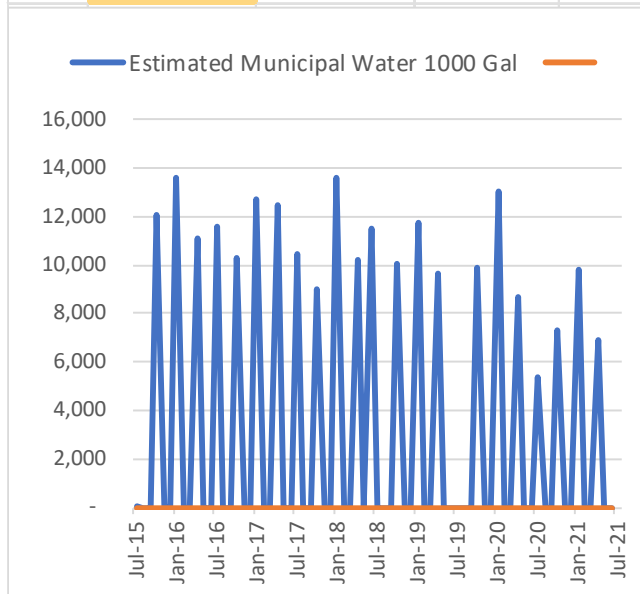
UW-River Falls		Own Well/Lake=	No	Vendor =	River Falls Municipal Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,769,312	97,105	-	97,105	54.88		54.88	\$ 0.36
2017	1,769,312	85,574	-	85,574	48.37		48.37	\$ 0.36
2018	1,769,312	81,710	-	81,710	46.18		46.18	\$ 0.36
2019	1,769,312	74,277	-	74,277	41.98		41.98	\$ 0.33
2020	1,684,447	74,995	-	74,995	44.52		44.52	\$ 0.37
2021	1,684,447	55,133	-	55,133	32.73		32.73	\$ 0.29
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 180,391	\$ 450,978	40.0%	\$ -	\$ 1.86		\$ 1.86	\$ 6.50
2017	\$ 180,786	\$ 451,964	40.0%	\$ -	\$ 2.11		\$ 2.11	\$ 7.39
2018	\$ 184,068	\$ 460,169	40.0%	\$ -	\$ 2.25		\$ 2.25	\$ 7.88
2019	\$ 166,530	\$ 416,325	40.0%	\$ -	\$ 2.24		\$ 2.24	\$ 7.85
2020	\$ 179,279	\$ 448,198	40.0%	\$ -	\$ 2.39		\$ 2.39	\$ 8.37
2021	\$ 138,658	\$ 346,644	40.0%	\$ -	\$ 2.51		\$ 2.51	\$ 8.80
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.57		-	1.39	2.18			0.1197
2017	1.52		-	1.45	2.20			0.1066
2018	1.57		-	1.39	2.19			0.1013
2019	1.60		-	1.23	1.98			0.0830
2020	1.56		-	1.19	1.85			0.0823
2021	1.52		-	1.15	1.75			0.0574



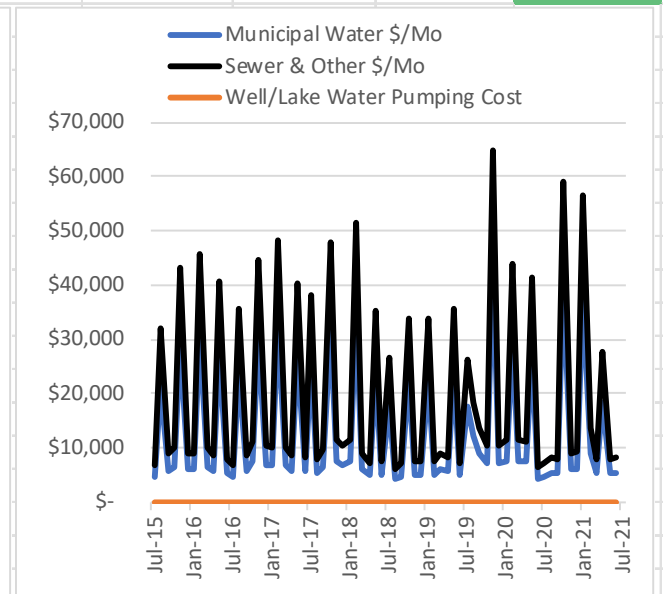
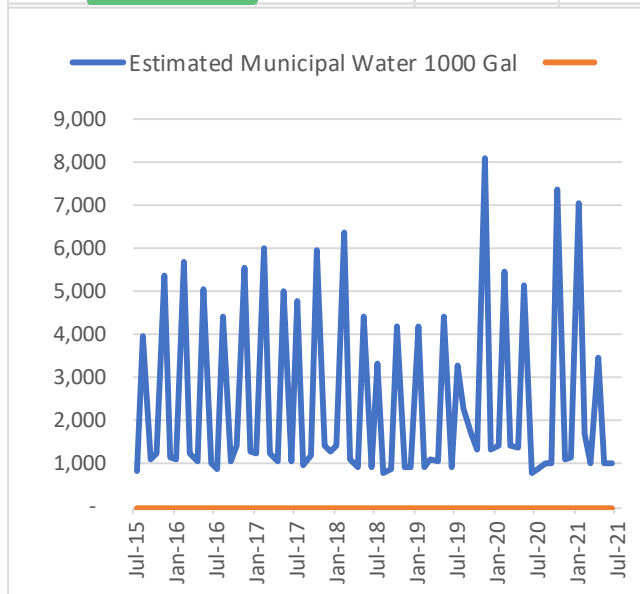
UW-Stevens Point		Own Well/Lake=	No	Vendor =	Stevens Point Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	2,629,769	80,927	-	80,927	30.77		30.77	\$ 0.23
2017	2,629,769	61,054	-	61,054	23.22		23.22	\$ 0.18
2018	2,629,769	75,168	-	75,168	28.58		28.58	\$ 0.22
2019	2,629,769	79,409	-	79,409	30.20		30.20	\$ 0.25
2020	2,806,271	69,800	-	69,800	24.87		24.87	\$ 0.22
2021	2,806,271	94,230	-	94,230	33.58		33.58	\$ 0.19
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 174,663	\$ 436,658	40.0%	\$ -	\$ 2.16		\$ 2.16	\$ 7.55
2017	\$ 133,974	\$ 334,936	40.0%	\$ -	\$ 2.19		\$ 2.19	\$ 7.68
2018	\$ 164,073	\$ 410,183	40.0%	\$ -	\$ 2.18		\$ 2.18	\$ 7.64
2019	\$ 188,713	\$ 471,782	40.0%	\$ -	\$ 2.38		\$ 2.38	\$ 8.32
2020	\$ 178,885	\$ 447,212	40.0%	\$ -	\$ 2.56		\$ 2.56	\$ 8.97
2021	\$ 154,664	\$ 386,659	40.0%	\$ -	\$ 1.64		\$ 1.64	\$ 5.74
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.28		-	1.39	1.77			0.0545
2017	1.24		-	1.45	1.80			0.0417
2018	1.18		-	1.39	1.65			0.0470
2019	1.24		-	1.23	1.52			0.0460
2020	1.22		-	1.19	1.44			0.0359
2021	1.15		-	1.15	1.32			0.0444



UW-Stout		Own Well/Lake=	No	Vendor =	City of Menomonie Water Department			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	2,452,414	36,814	-	36,814	15.01		15.01	\$ 0.12
2017	2,452,414	47,065	-	47,065	19.19		19.19	\$ 0.17
2018	2,452,414	54,864	-	54,864	22.37		22.37	\$ 0.20
2019	2,452,414	31,406	-	31,406	12.81		12.81	\$ 0.12
2020	2,456,060	31,701	-	31,701	12.91		12.91	\$ 0.12
2021	2,456,060	29,354	-	29,354	11.95		11.95	\$ 0.11
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 81,683	\$ 204,207	40.0%	\$ -	\$ 2.22		\$ 2.22	\$ 7.77
2017	\$ 119,327	\$ 298,318	40.0%	\$ -	\$ 2.54		\$ 2.54	\$ 8.87
2018	\$ 140,682	\$ 351,705	40.0%	\$ -	\$ 2.56		\$ 2.56	\$ 8.97
2019	\$ 80,654	\$ 201,634	40.0%	\$ -	\$ 2.57		\$ 2.57	\$ 8.99
2020	\$ 83,935	\$ 209,836	40.0%	\$ -	\$ 2.65		\$ 2.65	\$ 9.27
2021	\$ 77,191	\$ 192,976	40.0%	\$ -	\$ 2.63		\$ 2.63	\$ 9.20
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.37		-	1.39	3.28			0.0493
2017	2.32		-	1.45	3.37			0.0646
2018	2.04		-	1.39	2.85			0.0638
2019	2.14		-	1.23	2.64			0.0339
2020	2.21		-	1.19	2.62			0.0338
2021	2.25		-	1.15	2.59			0.0310

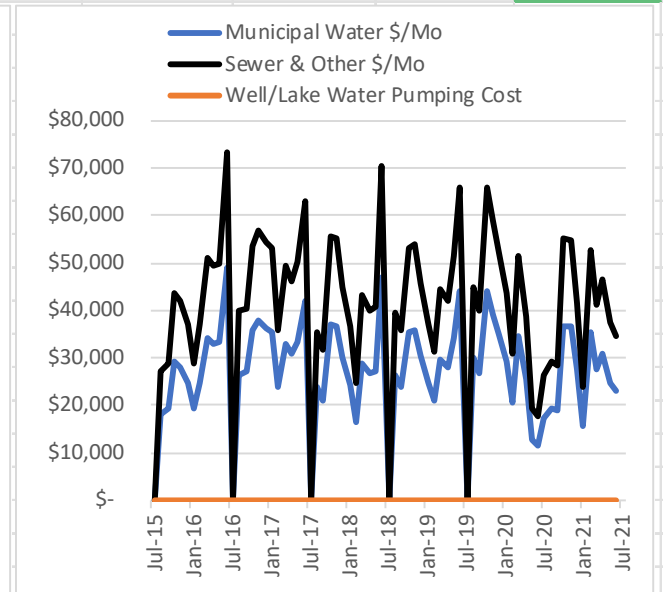
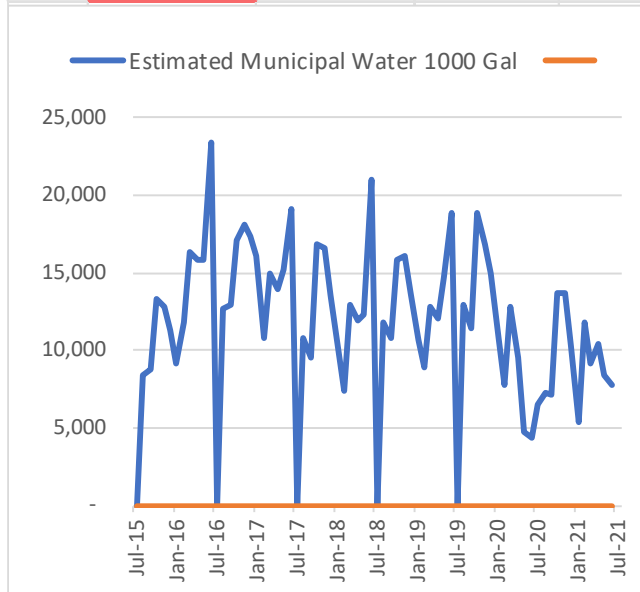


UW-Superior		Own Well/Lake=	No	Vendor =	Superior Water Light And Power Company			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,120,382	28,912	-	28,912	25.81		25.81	\$ 0.48
2017	1,120,382	30,385	-	30,385	27.12		27.12	\$ 0.51
2018	1,120,382	30,934	-	30,934	27.61		27.61	\$ 0.52
2019	1,120,382	23,732	-	23,732	21.18		21.18	\$ 0.40
2020	1,111,812	33,771	-	33,771	30.37		30.37	\$ 0.57
2021	1,107,876	27,858	-	27,858	25.15		25.15	\$ 0.47
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 154,610	\$ 386,526	40.0%	\$ -	\$ 5.35		\$ 5.35	\$ 18.72
2017	\$ 162,484	\$ 406,210	40.0%	\$ -	\$ 5.35		\$ 5.35	\$ 18.72
2018	\$ 165,425	\$ 413,562	40.0%	\$ -	\$ 5.35		\$ 5.35	\$ 18.72
2019	\$ 126,909	\$ 317,272	40.0%	\$ -	\$ 5.35		\$ 5.35	\$ 18.72
2020	\$ 180,594	\$ 451,484	40.0%	\$ -	\$ 5.35		\$ 5.35	\$ 18.72
2021	\$ 148,972	\$ 372,430	40.0%	\$ -	\$ 5.35		\$ 5.35	\$ 18.72
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.0715
2017	2.00		-	1.45	2.90			0.0786
2018	2.00		-	1.39	2.79			0.0770
2019	1.80		-	1.23	2.22			0.0470
2020	2.17		-	1.19	2.57			0.0782
2021	1.12		-	1.15	1.29			0.0325

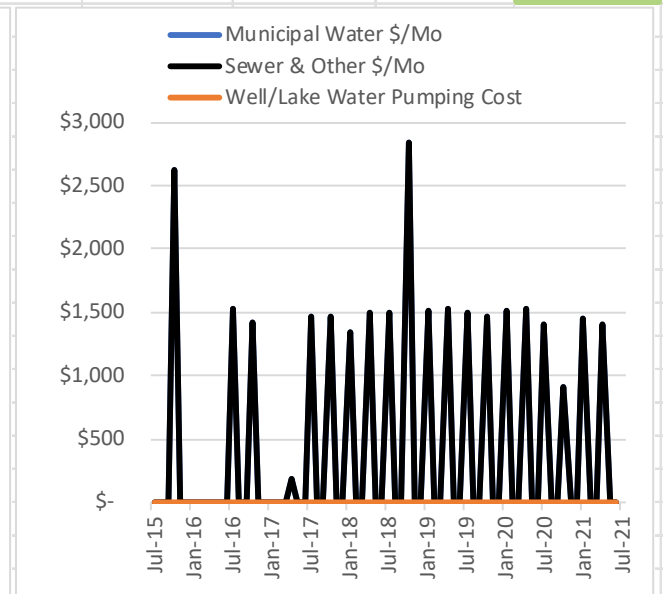
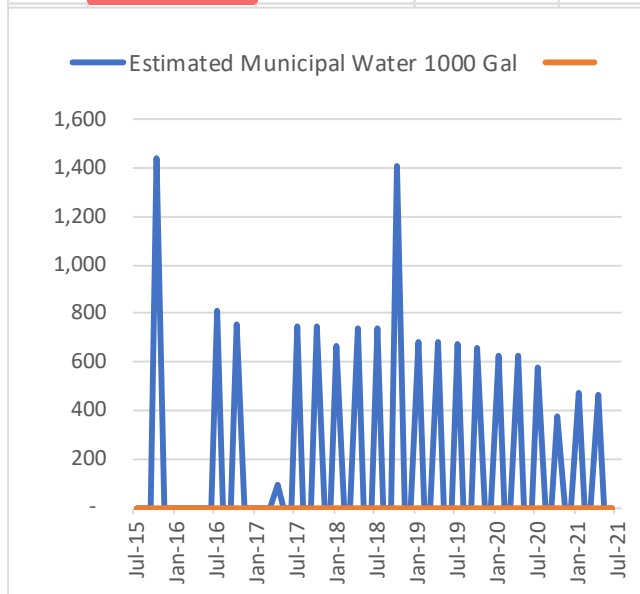




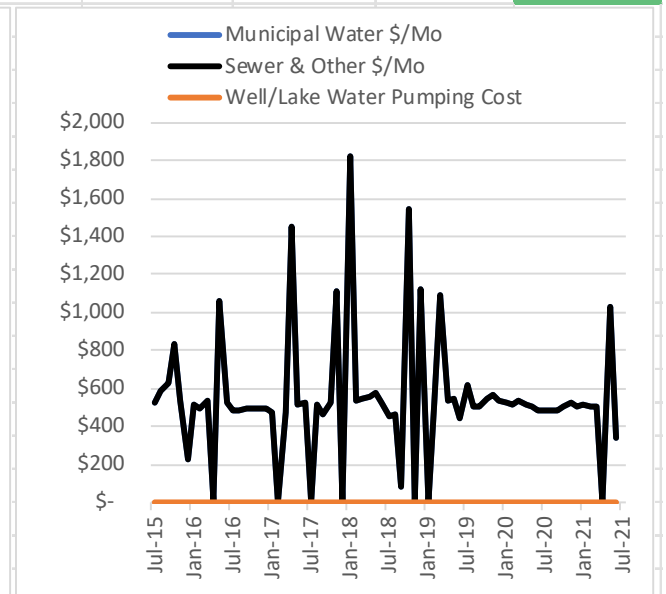
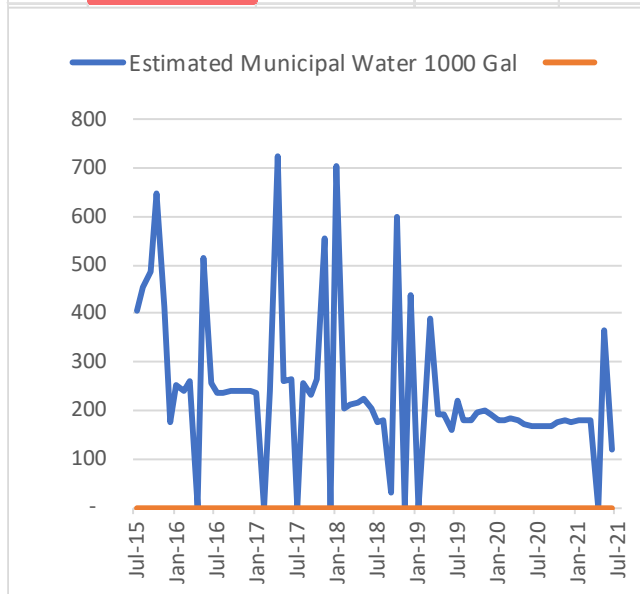
UW-Whitewater		Own Well/Lake=	No	Vendor =	Whitewater Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	2,942,875	147,121	-	147,121	49.99		49.99	\$ 0.37
2017	2,942,875	168,205	-	168,205	57.16		57.16	\$ 0.43
2018	2,942,875	143,858	-	143,858	48.88		48.88	\$ 0.38
2019	2,942,875	146,117	-	146,117	49.65		49.65	\$ 0.40
2020	2,965,821	125,071	-	125,071	42.17		42.17	\$ 0.36
2021	3,114,162	111,322	-	111,322	35.75		35.75	\$ 0.35
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 311,933	\$ 779,832	40.0%	\$ -	\$ 2.12		\$ 2.12	\$ 7.42
2017	\$ 361,627	\$ 904,069	40.0%	\$ -	\$ 2.15		\$ 2.15	\$ 7.52
2018	\$ 318,898	\$ 797,245	40.0%	\$ -	\$ 2.22		\$ 2.22	\$ 7.76
2019	\$ 333,529	\$ 833,821	40.0%	\$ -	\$ 2.28		\$ 2.28	\$ 7.99
2020	\$ 309,071	\$ 772,679	40.0%	\$ -	\$ 2.47		\$ 2.47	\$ 8.65
2021	\$ 314,359	\$ 785,898	40.0%	\$ -	\$ 2.82		\$ 2.82	\$ 9.88
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.84		-	1.39	2.55			0.1276
2017	1.88		-	1.45	2.73			0.1559
2018	1.92		-	1.39	2.67			0.1306
2019	1.87		-	1.23	2.31			0.1147
2020	2.74		-	1.19	3.25			0.1373
2021	2.74		-	1.15	3.16			0.1128



UW-Baraboo		Own Well/Lake=	No	Vendor =	City of Baraboo Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	165,615	1,442	-	1,442	8.70		8.70	\$ 0.05
2017	165,615	1,663	-	1,663	10.04		10.04	\$ 0.06
2018	165,615	2,899	-	2,899	17.51		17.51	\$ 0.10
2019	165,615	3,516	-	3,516	21.23		21.23	\$ 0.13
2020	179,291	2,580	-	2,580	14.39		14.39	\$ 0.10
2021	179,291	1,890	-	1,890	10.54		10.54	\$ 0.09
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 2,630	\$ 5,260	50.0%	\$ -	\$ 1.82		\$ 1.82	\$ 5.47
2017	\$ 3,136	\$ 6,273	50.0%	\$ -	\$ 1.89		\$ 1.89	\$ 5.66
2018	\$ 5,766	\$ 11,533	50.0%	\$ -	\$ 1.99		\$ 1.99	\$ 5.97
2019	\$ 7,384	\$ 14,768	50.0%	\$ -	\$ 2.10		\$ 2.10	\$ 6.30
2020	\$ 5,997	\$ 11,995	50.0%	\$ -	\$ 2.32		\$ 2.32	\$ 6.97
2021	\$ 5,177	\$ 10,354	50.0%	\$ -	\$ 2.74		\$ 2.74	\$ 8.22
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.78		-	1.39	2.47			0.0215
2017	1.75		-	1.45	2.53			0.0254
2018	1.75		-	1.39	2.44			0.0428
2019	1.78		-	1.23	2.19			0.0466
2020	1.89		-	1.19	2.25			0.0323
2021	2.07		-	1.15	2.39			0.0252



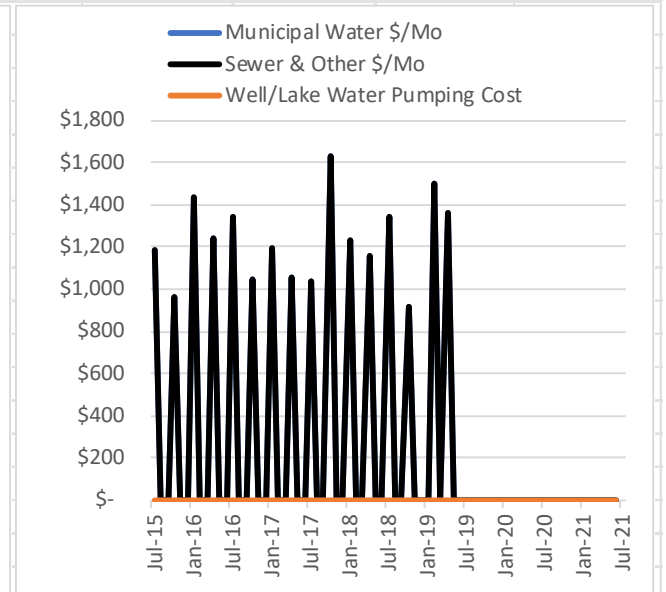
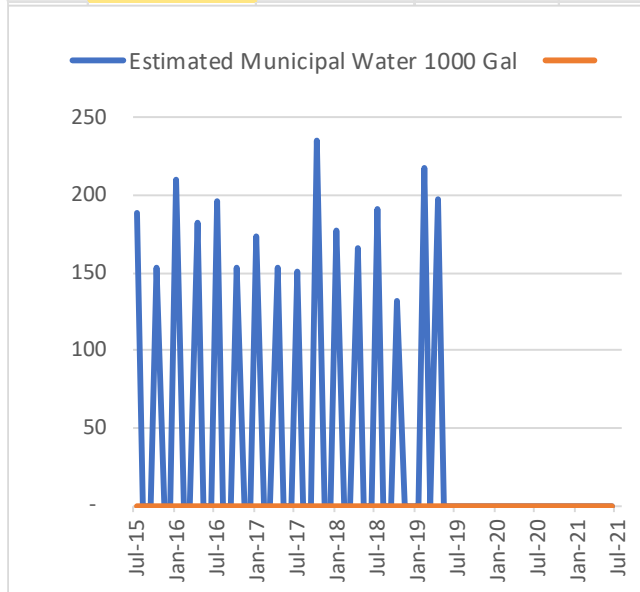
UW-Barron		Own Well/Lake=	No	Vendor =	Rice Lake Municipal Water and Electric Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	146,683	4,104	-	4,104	27.98		27.98	\$ 0.13
2017	146,683	3,153	-	3,153	21.50		21.50	\$ 0.13
2018	146,683	3,076	-	3,076	20.97		20.97	\$ 0.15
2019	146,683	2,541	-	2,541	17.33		17.33	\$ 0.14
2020	146,683	2,239	-	2,239	15.26		15.26	\$ 0.13
2021	146,683	2,061	-	2,061	14.05		14.05	\$ 0.12
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 6,488	\$ 12,976	50.0%	\$ -	\$ 1.58		\$ 1.58	\$ 4.74
2017	\$ 6,389	\$ 12,779	50.0%	\$ -	\$ 2.03		\$ 2.03	\$ 6.08
2018	\$ 7,168	\$ 14,336	50.0%	\$ -	\$ 2.33		\$ 2.33	\$ 6.99
2019	\$ 6,792	\$ 13,585	50.0%	\$ -	\$ 2.67		\$ 2.67	\$ 8.02
2020	\$ 6,355	\$ 12,710	50.0%	\$ -	\$ 2.84		\$ 2.84	\$ 8.52
2021	\$ 5,891	\$ 11,782	50.0%	\$ -	\$ 2.86		\$ 2.86	\$ 8.58
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.40		-	1.39	1.94			0.0543
2017	1.33		-	1.45	1.93			0.0415
2018	1.35		-	1.39	1.88			0.0394
2019	1.28		-	1.23	1.57			0.0273
2020	1.53		-	1.19	1.81			0.0277
2021	1.57		-	1.15	1.80			0.0254



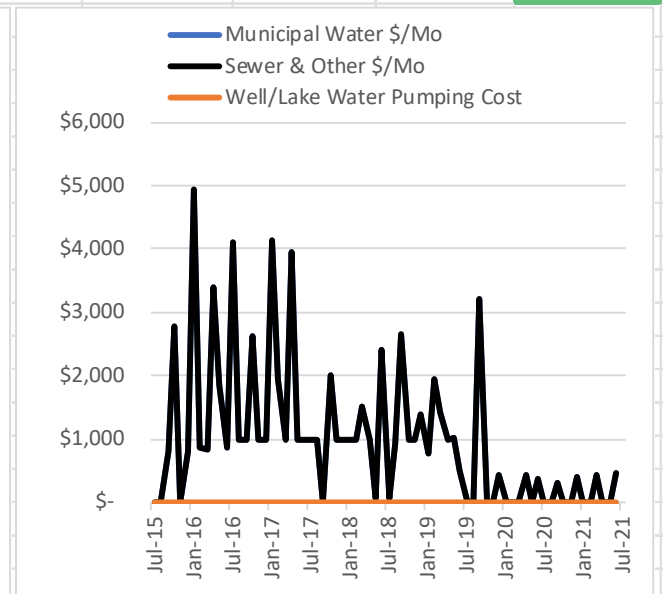
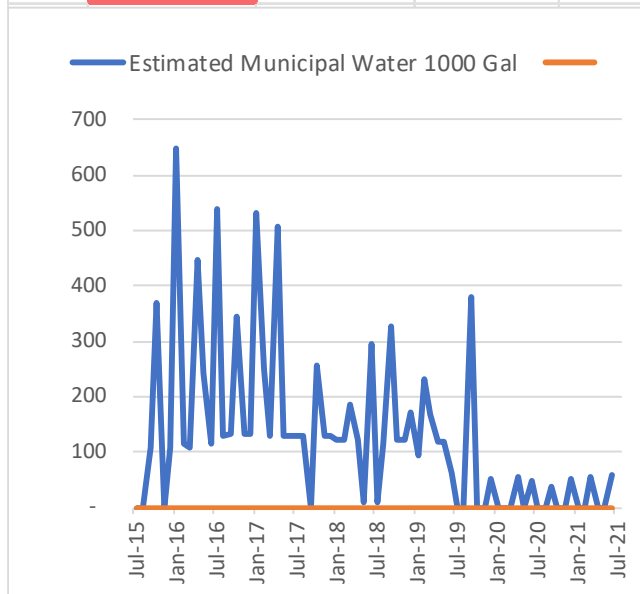
UW-Fond du Lac		Own Well/Lake=	No	Vendor =	Fond Du Lac Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	194,077	734	-	734	3.78		3.78	\$ 0.07
2017	194,077	675	-	675	3.48		3.48	\$ 0.07
2018	194,077	729	-	729	3.76		3.76	\$ 0.08
2019	194,077	737	-	737	3.80		3.80	\$ 0.08
2020	194,077	-	-	-			-	\$ -
2021	194,077	-	-	-			-	\$ -

Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 4,827	\$ 9,654	50.0%	\$ -	\$ 6.57		\$ 6.57	\$ 19.72
2017	\$ 4,647	\$ 9,294	50.0%	\$ -	\$ 6.88		\$ 6.88	\$ 20.64
2018	\$ 5,067	\$ 10,133	50.0%	\$ -	\$ 6.95		\$ 6.95	\$ 20.86
2019	\$ 5,117	\$ 10,234	50.0%	\$ -	\$ 6.94		\$ 6.94	\$ 20.82
2020	\$ -	\$ -	#DIV/0!	\$ -			\$ -	#DIV/0!
2021	\$ -	\$ -	#DIV/0!	\$ -			\$ -	#DIV/0!

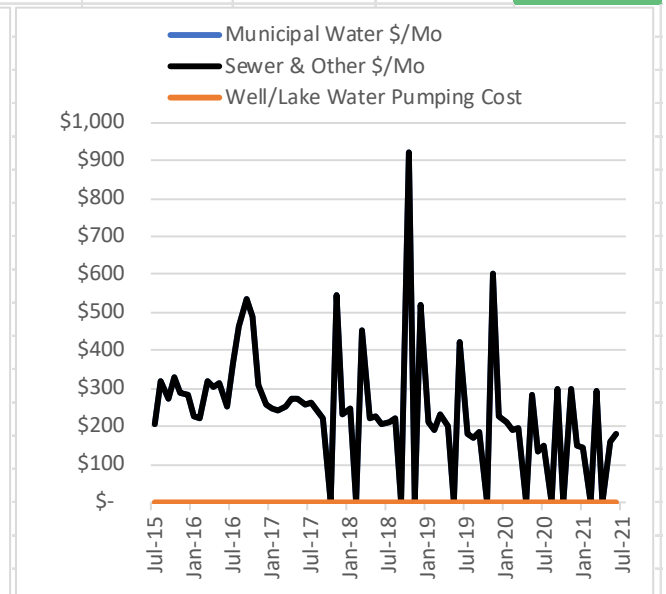
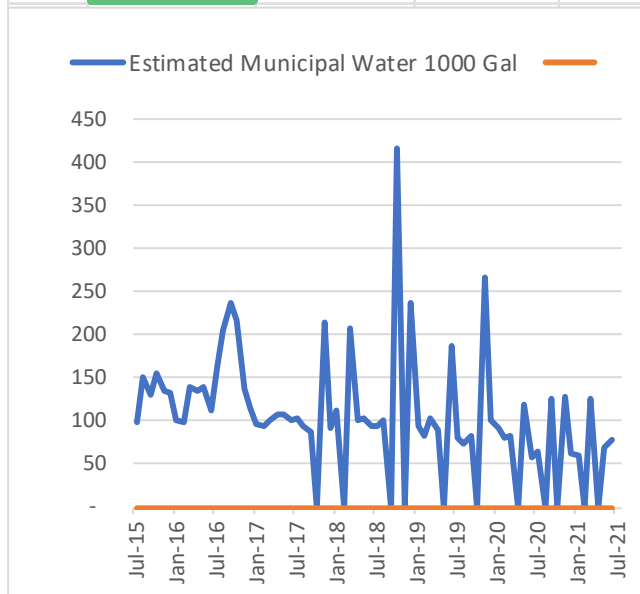
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.96		-	1.39	4.09			0.0155
2017	3.75		-	1.45	5.44			0.0189
2018	4.41		-	1.39	6.14			0.0231
2019	3.67		-	1.23	4.52			0.0172
2020	3.81		-	1.19				
2021	3.80		-	1.15				



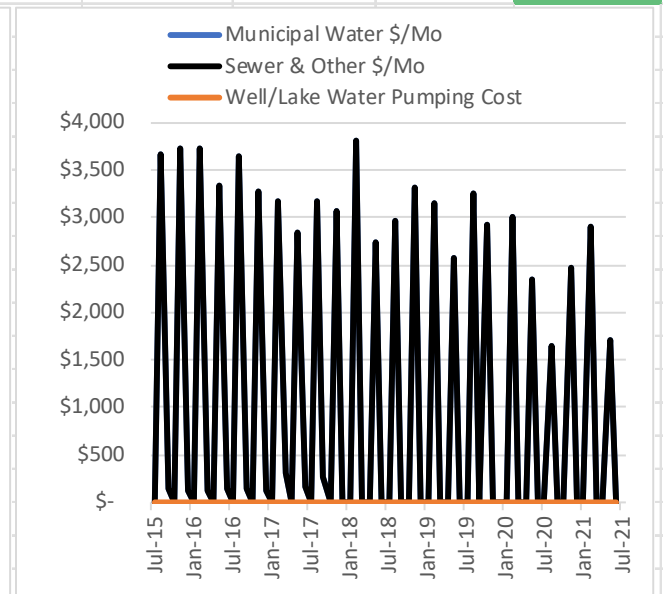
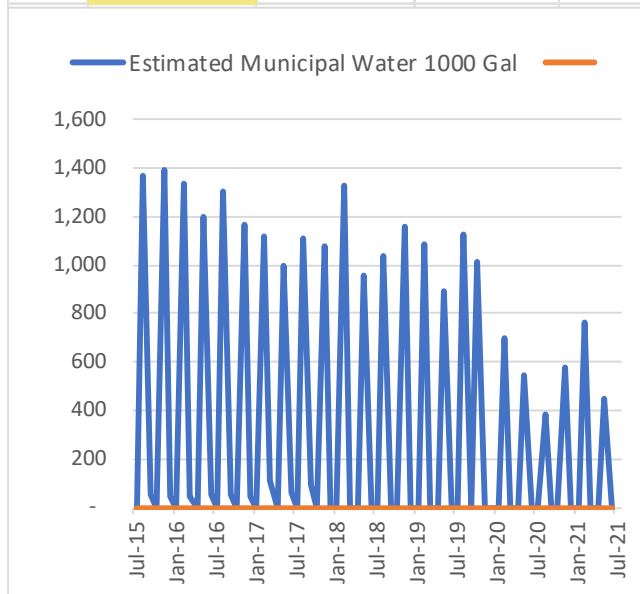
UW-Fox Valley		Own Well/Lake=	No	Vendor =	Menasha Electric and Water Utilities			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	274,078	2,262	-	2,262	8.25		8.25	\$ 0.19
2017	274,078	3,081	-	3,081	11.24		11.24	\$ 0.26
2018	274,078	1,628	-	1,628	5.94		5.94	\$ 0.14
2019	274,078	1,653	-	1,653	6.03		6.03	\$ 0.15
2020	277,988	532	-	532	1.91		1.91	\$ 0.05
2021	277,988	197	-	197	0.71		0.71	\$ 0.02
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 17,198	\$ 34,397	50.0%	\$ -	\$ 7.60		\$ 7.60	\$ 22.81
2017	\$ 23,746	\$ 47,493	50.0%	\$ -	\$ 7.71		\$ 7.71	\$ 23.12
2018	\$ 12,980	\$ 25,961	50.0%	\$ -	\$ 7.97		\$ 7.97	\$ 23.92
2019	\$ 13,709	\$ 27,417	50.0%	\$ -	\$ 8.29		\$ 8.29	\$ 24.88
2020	\$ 4,461	\$ 8,922	50.0%	\$ -	\$ 8.39		\$ 8.39	\$ 25.17
2021	\$ 1,609	\$ 3,217	50.0%	\$ -	\$ 8.17		\$ 8.17	\$ 24.50
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.21		-	1.39	3.06			0.0252
2017	2.26		-	1.45	3.27			0.0367
2018	1.99		-	1.39	2.78			0.0165
2019	2.25		-	1.23	2.78			0.0167
2020	2.36		-	1.19	2.80			0.0054
2021	2.37		-	1.15	2.74			0.0019



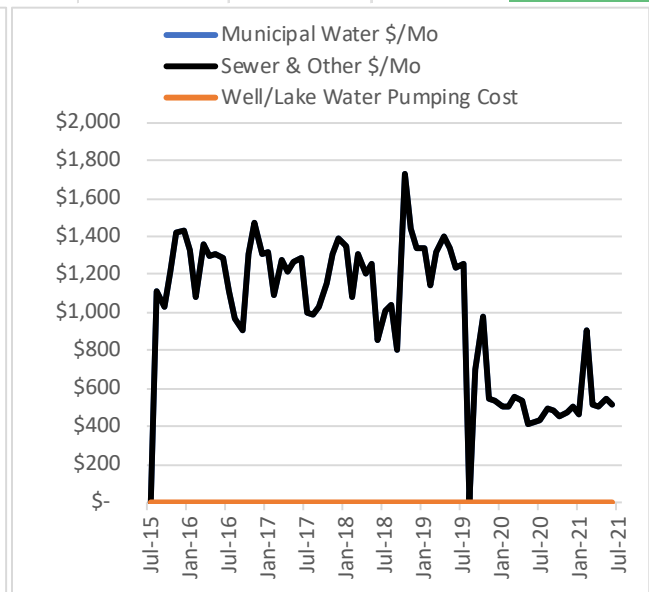
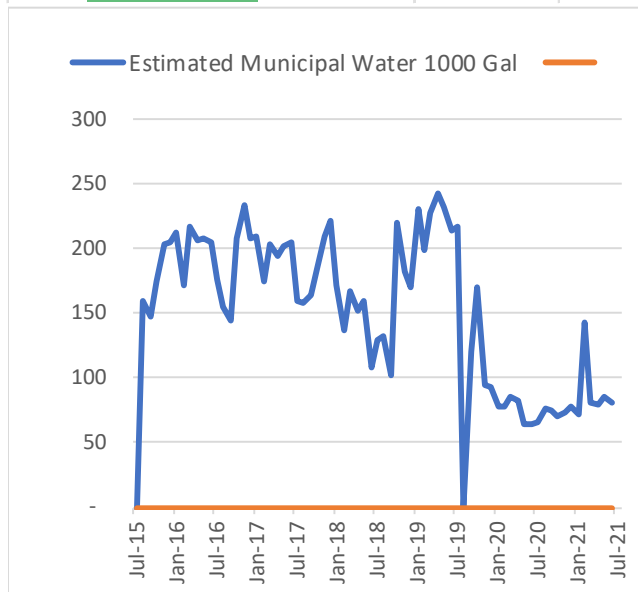
UW-Manitowoc		Own Well/Lake=	No	Vendor =	Manitowoc Public Utilities			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	125,045	1,531	-	1,531	12.25		12.25	\$ 0.08
2017	125,045	1,686	-	1,686	13.49		13.49	\$ 0.10
2018	125,045	1,209	-	1,209	9.67		9.67	\$ 0.07
2019	125,045	1,410	-	1,410	11.28		11.28	\$ 0.08
2020	125,045	1,039	-	1,039	8.31		8.31	\$ 0.06
2021	125,045	714	-	714	5.71		5.71	\$ 0.04
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 3,334	\$ 6,668	50.0%	\$ -	\$ 2.18		\$ 2.18	\$ 6.53
2017	\$ 3,968	\$ 7,936	50.0%	\$ -	\$ 2.35		\$ 2.35	\$ 7.06
2018	\$ 2,854	\$ 5,708	50.0%	\$ -	\$ 2.36		\$ 2.36	\$ 7.08
2019	\$ 3,127	\$ 6,253	50.0%	\$ -	\$ 2.22		\$ 2.22	\$ 6.65
2020	\$ 2,376	\$ 4,752	50.0%	\$ -	\$ 2.29		\$ 2.29	\$ 6.86
2021	\$ 1,675	\$ 3,350	50.0%	\$ -	\$ 2.35		\$ 2.35	\$ 7.04
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.72		-	1.39	3.77			0.0462
2017	2.62		-	1.45	3.80			0.0512
2018	2.59		-	1.39	3.61			0.0349
2019	2.43		-	1.23	2.99			0.0338
2020	2.50		-	1.19	2.97			0.0247
2021	2.39		-	1.15	2.76			0.0157



UW-Marathon		Own Well/Lake=	No	Vendor =	WAUSAU WATER UTILITY			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	327,695	5,495	-	5,495	16.77		16.77	\$ 0.14
2017	327,695	4,859	-	4,859	14.83		14.83	\$ 0.13
2018	327,695	4,572	-	4,572	13.95		13.95	\$ 0.12
2019	327,695	4,184	-	4,184	12.77		12.77	\$ 0.11
2020	327,695	3,383	-	3,383	10.32		10.32	\$ 0.11
2021	327,695	2,170	-	2,170	6.62		6.62	\$ 0.08
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 15,020	\$ 30,040	50.0%	\$ -	\$ 2.73		\$ 2.73	\$ 8.20
2017	\$ 13,677	\$ 27,354	50.0%	\$ -	\$ 2.81		\$ 2.81	\$ 8.44
2018	\$ 13,027	\$ 26,054	50.0%	\$ -	\$ 2.85		\$ 2.85	\$ 8.55
2019	\$ 12,006	\$ 24,012	50.0%	\$ -	\$ 2.87		\$ 2.87	\$ 8.61
2020	\$ 11,529	\$ 23,058	50.0%	\$ -	\$ 3.41		\$ 3.41	\$ 10.22
2021	\$ 8,727	\$ 17,454	50.0%	\$ -	\$ 4.02		\$ 4.02	\$ 12.07
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.81		-	1.39	2.51			0.0421
2017	1.81		-	1.45	2.62			0.0389
2018	1.84		-	1.39	2.56			0.0358
2019	1.71		-	1.23	2.10			0.0269
2020	2.01		-	1.19	2.39			0.0246
2021	1.80		-	1.15	2.08			0.0138

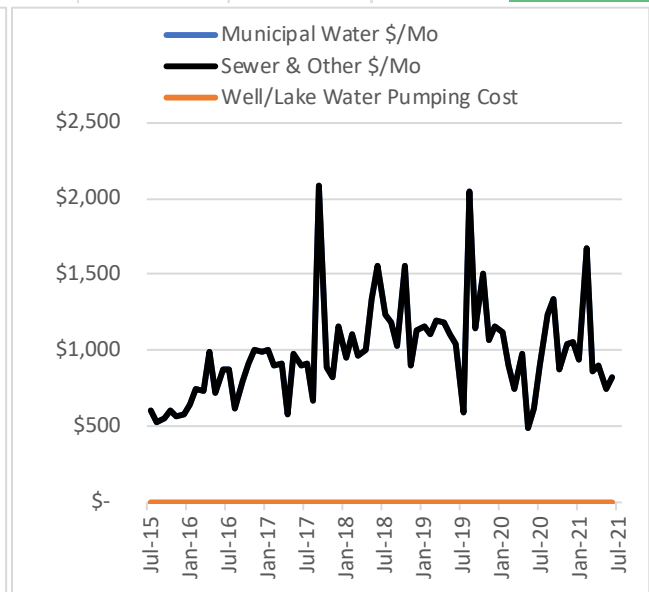
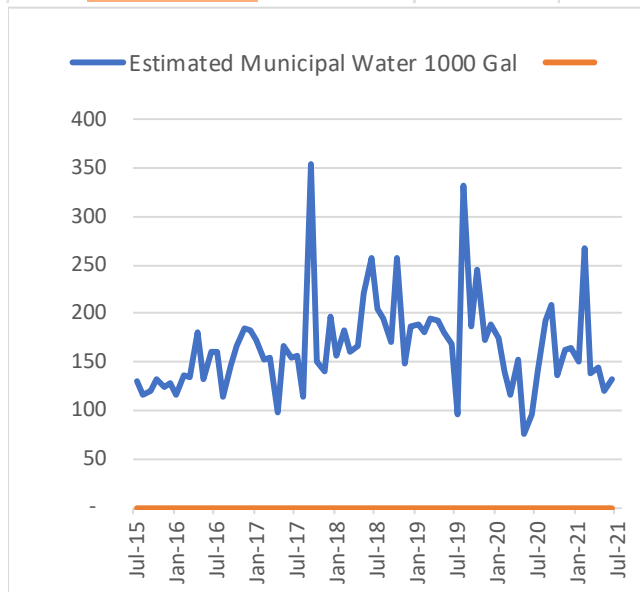


UW-Marinette		Own Well/Lake=	No	Vendor =	Marinette Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	107,988	2,114	-	2,114	19.58		19.58	\$ 0.39
2017	107,988	2,316	-	2,316	21.45		21.45	\$ 0.40
2018	107,988	1,995	-	1,995	18.47		18.47	\$ 0.39
2019	107,988	2,283	-	2,283	21.15		21.15	\$ 0.42
2020	139,818	1,149	-	1,149	8.22		8.22	\$ 0.15
2021	139,818	983	-	983	7.03		7.03	\$ 0.13
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 13,883	\$ 27,767	50.0%	\$ -	\$ 6.57		\$ 6.57	\$ 19.70
2017	\$ 14,515	\$ 29,030	50.0%	\$ -	\$ 6.27		\$ 6.27	\$ 18.80
2018	\$ 13,914	\$ 27,829	50.0%	\$ -	\$ 6.97		\$ 6.97	\$ 20.92
2019	\$ 15,135	\$ 30,270	50.0%	\$ -	\$ 6.63		\$ 6.63	\$ 19.88
2020	\$ 6,950	\$ 13,900	50.0%	\$ -	\$ 6.05		\$ 6.05	\$ 18.14
2021	\$ 6,275	\$ 12,551	50.0%	\$ -	\$ 6.38		\$ 6.38	\$ 19.14
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.28		-	1.39	3.15			0.0617
2017	1.98		-	1.45	2.86			0.0614
2018	2.35		-	1.39	3.28			0.0605
2019	1.79		-	1.23	2.21			0.0467
2020	1.68		-	1.19	2.00			0.0164
2021	1.66		-	1.15	1.92			0.0135

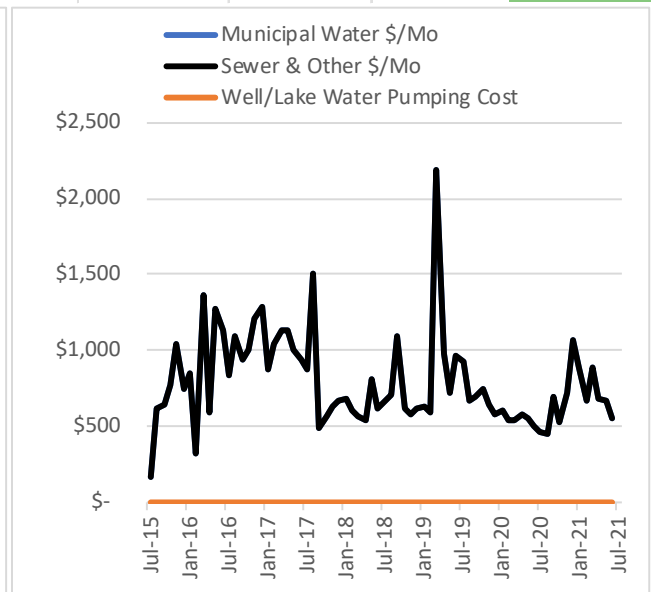
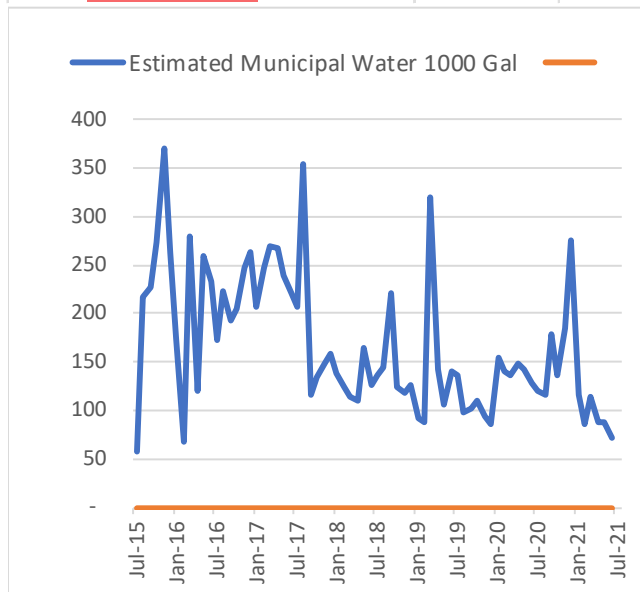




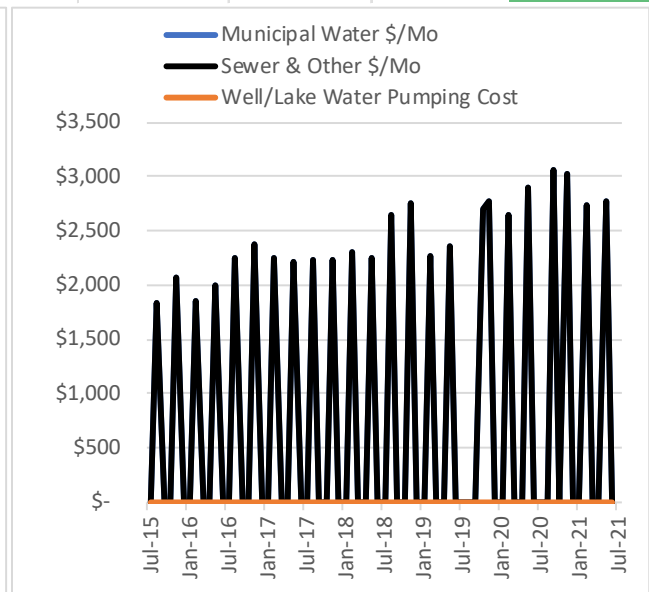
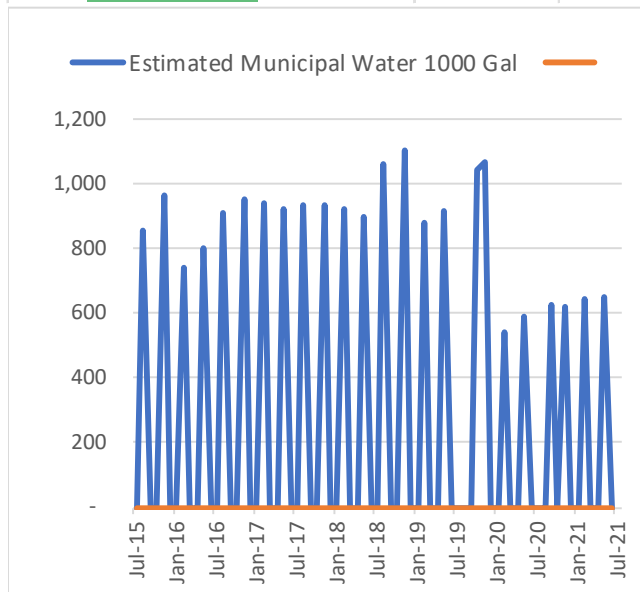
UW-Marshfield		Own Well/Lake=	No	Vendor =	Marshfield Utilities			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	149,996	1,611	-	1,611	10.74		10.74	\$ 0.16
2017	149,996	1,853	-	1,853	12.36		12.36	\$ 0.21
2018	149,996	2,257	-	2,257	15.05		15.05	\$ 0.27
2019	149,996	2,268	-	2,268	15.12		15.12	\$ 0.28
2020	153,555	1,978	-	1,978	12.88		12.88	\$ 0.24
2021	153,555	1,957	-	1,957	12.75		12.75	\$ 0.24
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 8,146	\$ 16,293	50.0%	\$ -	\$ 5.06		\$ 5.06	\$ 15.17
2017	\$ 10,511	\$ 21,023	50.0%	\$ -	\$ 5.67		\$ 5.67	\$ 17.02
2018	\$ 13,464	\$ 26,928	50.0%	\$ -	\$ 5.96		\$ 5.96	\$ 17.89
2019	\$ 13,829	\$ 27,658	50.0%	\$ -	\$ 6.10		\$ 6.10	\$ 18.30
2020	\$ 12,368	\$ 24,736	50.0%	\$ -	\$ 6.25		\$ 6.25	\$ 18.76
2021	\$ 12,380	\$ 24,761	50.0%	\$ -	\$ 6.33		\$ 6.33	\$ 18.98
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.47		-	1.39	3.42			0.0367
2017	2.47		-	1.45	3.57			0.0441
2018	2.52		-	1.39	3.51			0.0528
2019	2.48		-	1.23	3.05			0.0462
2020	2.42		-	1.19	2.87			0.0370
2021	2.49		-	1.15	2.87			0.0366



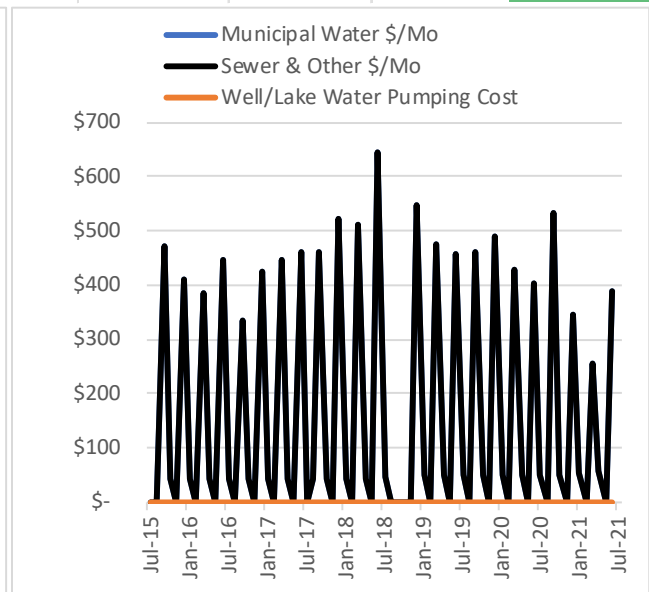
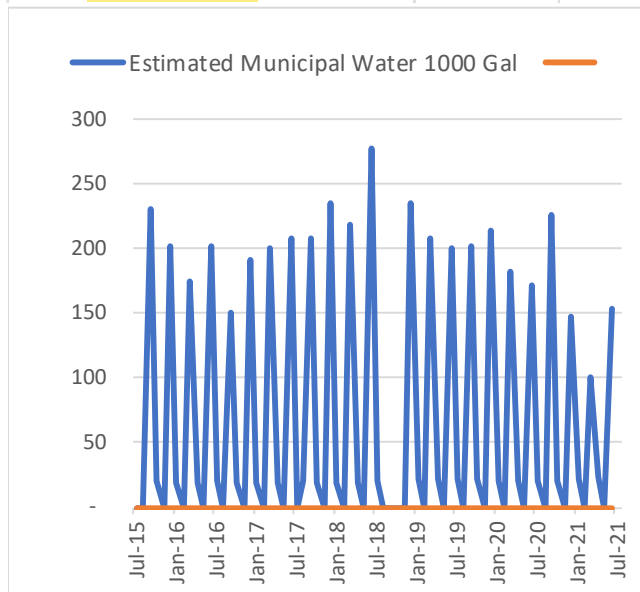
UW-Richland		Own Well/Lake=	No	Vendor =	Richland Center Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	108,760	2,545	-	2,545	23.40		23.40	\$ 0.26
2017	108,760	2,752	-	2,752	25.30		25.30	\$ 0.34
2018	108,760	1,900	-	1,900	17.47		17.47	\$ 0.24
2019	108,760	1,758	-	1,758	16.17		16.17	\$ 0.29
2020	104,825	1,477	-	1,477	14.09		14.09	\$ 0.22
2021	104,825	1,574	-	1,574	15.02		15.02	\$ 0.24
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 9,521	\$ 19,042	50.0%	\$ -	\$ 3.74		\$ 3.74	\$ 11.22
2017	\$ 12,503	\$ 25,005	50.0%	\$ -	\$ 4.54		\$ 4.54	\$ 13.63
2018	\$ 8,560	\$ 17,121	50.0%	\$ -	\$ 4.51		\$ 4.51	\$ 13.52
2019	\$ 10,333	\$ 20,667	50.0%	\$ -	\$ 5.88		\$ 5.88	\$ 17.63
2020	\$ 7,590	\$ 15,180	50.0%	\$ -	\$ 5.14		\$ 5.14	\$ 15.41
2021	\$ 8,271	\$ 16,542	50.0%	\$ -	\$ 5.25		\$ 5.25	\$ 15.76
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.60		-	1.39	2.21			0.0518
2017	1.60		-	1.45	2.31			0.0585
2018	1.66		-	1.39	2.32			0.0405
2019	1.60		-	1.23	1.98			0.0319
2020	1.71		-	1.19	2.03			0.0286
2021	1.76		-	1.15	2.02			0.0304



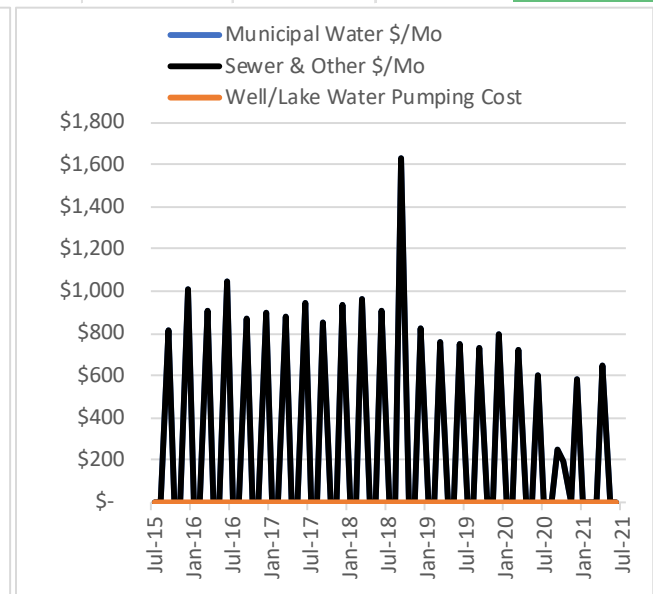
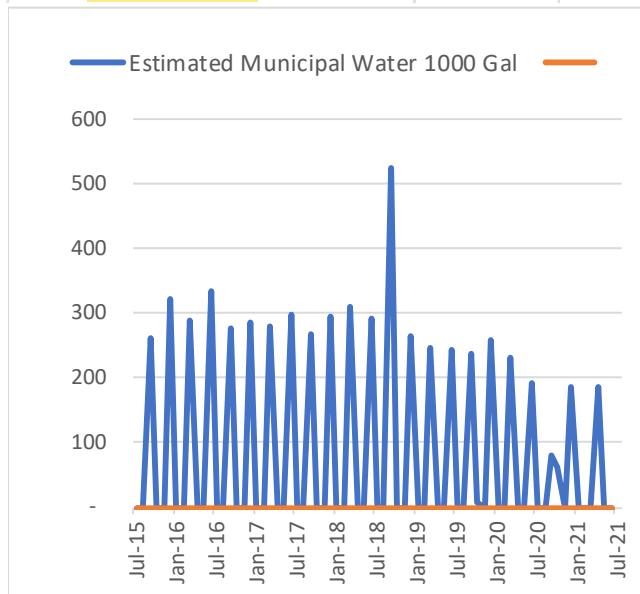
UW-Rock		Own Well/Lake=	No	Vendor =	Janesville Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	191,592	3,374	-	3,374	17.61		17.61	\$ 0.12
2017	191,592	3,734	-	3,734	19.49		19.49	\$ 0.14
2018	191,592	3,697	-	3,697	19.29		19.29	\$ 0.14
2019	191,592	3,969	-	3,969	20.71		20.71	\$ 0.16
2020	191,592	3,253	-	3,253	16.98		16.98	\$ 0.17
2021	191,592	2,544	-	2,544	13.28		13.28	\$ 0.18
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 7,739	\$ 15,479	50.0%	\$ -	\$ 2.29		\$ 2.29	\$ 6.88
2017	\$ 9,096	\$ 18,191	50.0%	\$ -	\$ 2.44		\$ 2.44	\$ 7.31
2018	\$ 9,027	\$ 18,055	50.0%	\$ -	\$ 2.44		\$ 2.44	\$ 7.33
2019	\$ 10,051	\$ 20,102	50.0%	\$ -	\$ 2.53		\$ 2.53	\$ 7.60
2020	\$ 11,006	\$ 22,013	50.0%	\$ -	\$ 3.38		\$ 3.38	\$ 10.15
2021	\$ 11,595	\$ 23,190	50.0%	\$ -	\$ 4.56		\$ 4.56	\$ 13.67
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.72		-	1.39	2.38			0.0420
2017	1.73		-	1.45	2.50			0.0488
2018	1.65		-	1.39	2.30			0.0444
2019	1.66		-	1.23	2.05			0.0425
2020	1.65		-	1.19	1.97			0.0334
2021	1.65		-	1.15	1.90			0.0252



UW-Sheboygan		Own Well/Lake=	No	Vendor =	Sheboygan Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	200,918	869	-	869	4.33		4.33	\$ 0.03
2017	200,918	830	-	830	4.13		4.13	\$ 0.03
2018	200,918	1,016	-	1,016	5.06		5.06	\$ 0.03
2019	200,918	708	-	708	3.53		3.53	\$ 0.02
2020	228,544	857	-	857	3.75		3.75	\$ 0.03
2021	228,544	717	-	717	3.14		3.14	\$ 0.02
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 1,846	\$ 3,692	50.0%	\$ -	\$ 2.12		\$ 2.12	\$ 6.37
2017	\$ 1,840	\$ 3,679	50.0%	\$ -	\$ 2.22		\$ 2.22	\$ 6.65
2018	\$ 2,313	\$ 4,626	50.0%	\$ -	\$ 2.28		\$ 2.28	\$ 6.83
2019	\$ 1,627	\$ 3,253	50.0%	\$ -	\$ 2.30		\$ 2.30	\$ 6.89
2020	\$ 1,982	\$ 3,963	50.0%	\$ -	\$ 2.31		\$ 2.31	\$ 6.94
2021	\$ 1,735	\$ 3,470	50.0%	\$ -	\$ 2.42		\$ 2.42	\$ 7.26
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.40		-	1.39	1.94			0.0084
2017	1.39		-	1.45	2.01			0.0083
2018	1.41		-	1.39	1.97			0.0099
2019	1.43		-	1.23	1.76			0.0062
2020	1.43		-	1.19	1.70			0.0064
2021	1.41		-	1.15	1.62			0.0051



UW-Washington		Own Well/Lake=	No	Vendor =	City of West Bend Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	199,038	1,209	-	1,209	6.07		6.07	\$ 0.06
2017	199,038	1,143	-	1,143	5.74		5.74	\$ 0.05
2018	199,038	1,167	-	1,167	5.87		5.87	\$ 0.05
2019	199,038	1,283	-	1,283	6.44		6.44	\$ 0.06
2020	199,117	930	-	930	4.67		4.67	\$ 0.04
2021	199,117	514	-	514	2.58		2.58	\$ 0.03
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 3,777	\$ 7,555	50.0%	\$ -	\$ 3.13		\$ 3.13	\$ 9.38
2017	\$ 3,595	\$ 7,191	50.0%	\$ -	\$ 3.15		\$ 3.15	\$ 9.44
2018	\$ 3,648	\$ 7,297	50.0%	\$ -	\$ 3.13		\$ 3.13	\$ 9.38
2019	\$ 3,968	\$ 7,937	50.0%	\$ -	\$ 3.09		\$ 3.09	\$ 9.28
2020	\$ 2,891	\$ 5,781	50.0%	\$ -	\$ 3.11		\$ 3.11	\$ 9.33
2021	\$ 1,679	\$ 3,358	50.0%	\$ -	\$ 3.27		\$ 3.27	\$ 9.80
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.72		-	1.39	2.39			0.0145
2017	1.84		-	1.45	2.67			0.0153
2018	1.69		-	1.39	2.35			0.0138
2019	1.52		-	1.23	1.87			0.0121
2020	1.04		-	1.19	1.24			0.0058
2021	1.69		-	1.15	1.95			0.0050



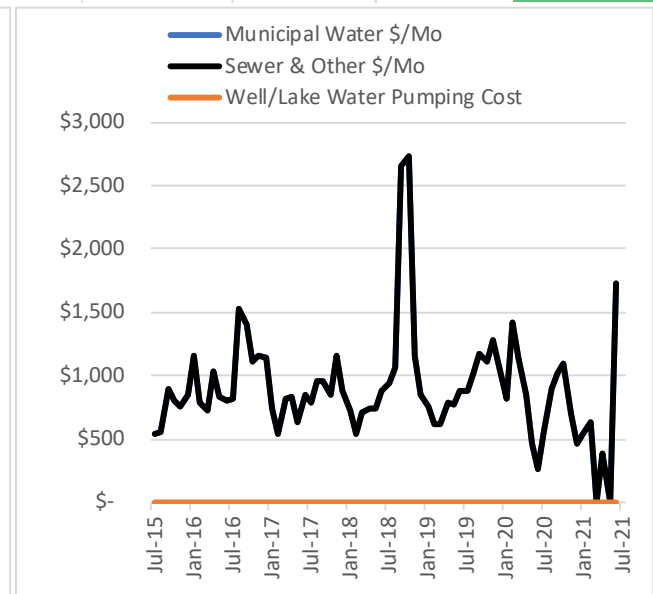
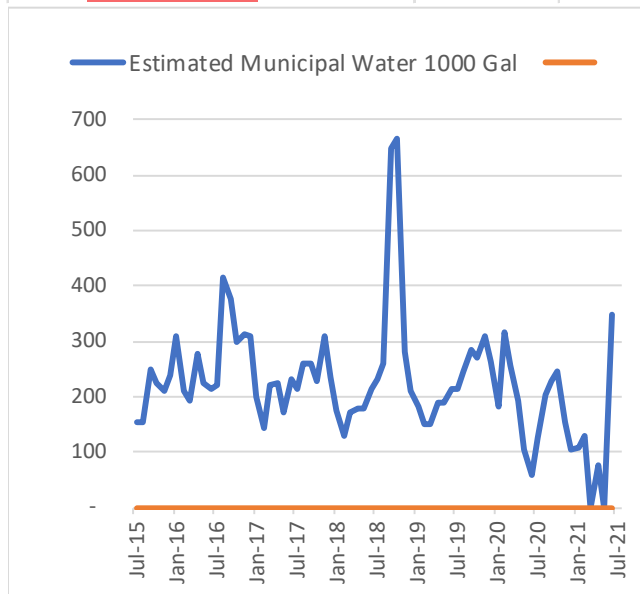
UW-Waukesha		Own Well/Lake=	No	Vendor =	City of Waukesha Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	277,016	2,662	-	2,662	9.61		9.61	\$ 0.10
2017	277,016	3,118	-	3,118	11.26		11.26	\$ 0.13
2018	277,016	2,557	-	2,557	9.23		9.23	\$ 0.11
2019	277,016	3,365	-	3,365	12.15		12.15	\$ 0.15
2020	277,016	2,696	-	2,696	9.73		9.73	\$ 0.12
2021	277,016	1,724	-	1,724	6.22		6.22	\$ 0.09

Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 9,694	\$ 19,388	50.0%	\$ -	\$ 3.64		\$ 3.64	\$ 10.93
2017	\$ 11,573	\$ 23,147	50.0%	\$ -	\$ 3.71		\$ 3.71	\$ 11.13
2018	\$ 9,904	\$ 19,808	50.0%	\$ -	\$ 3.87		\$ 3.87	\$ 11.62
2019	\$ 13,848	\$ 27,697	50.0%	\$ -	\$ 4.11		\$ 4.11	\$ 12.34
2020	\$ 11,523	\$ 23,046	50.0%	\$ -	\$ 4.27		\$ 4.27	\$ 12.82
2021	\$ 8,019	\$ 16,039	50.0%	\$ -	\$ 4.65		\$ 4.65	\$ 13.96

Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	3.73		-	1.39	5.17			0.0497
2017	3.43		-	1.45	4.98			0.0560
2018	3.80		-	1.39	5.29			0.0488
2019	3.39		-	1.23	4.18			0.0508
2020	3.64		-	1.19	4.32			0.0420
2021	3.92		-	1.15	4.51			0.0281



# Department of Administration (DOA)



State of Wisconsin

## Department of Administration

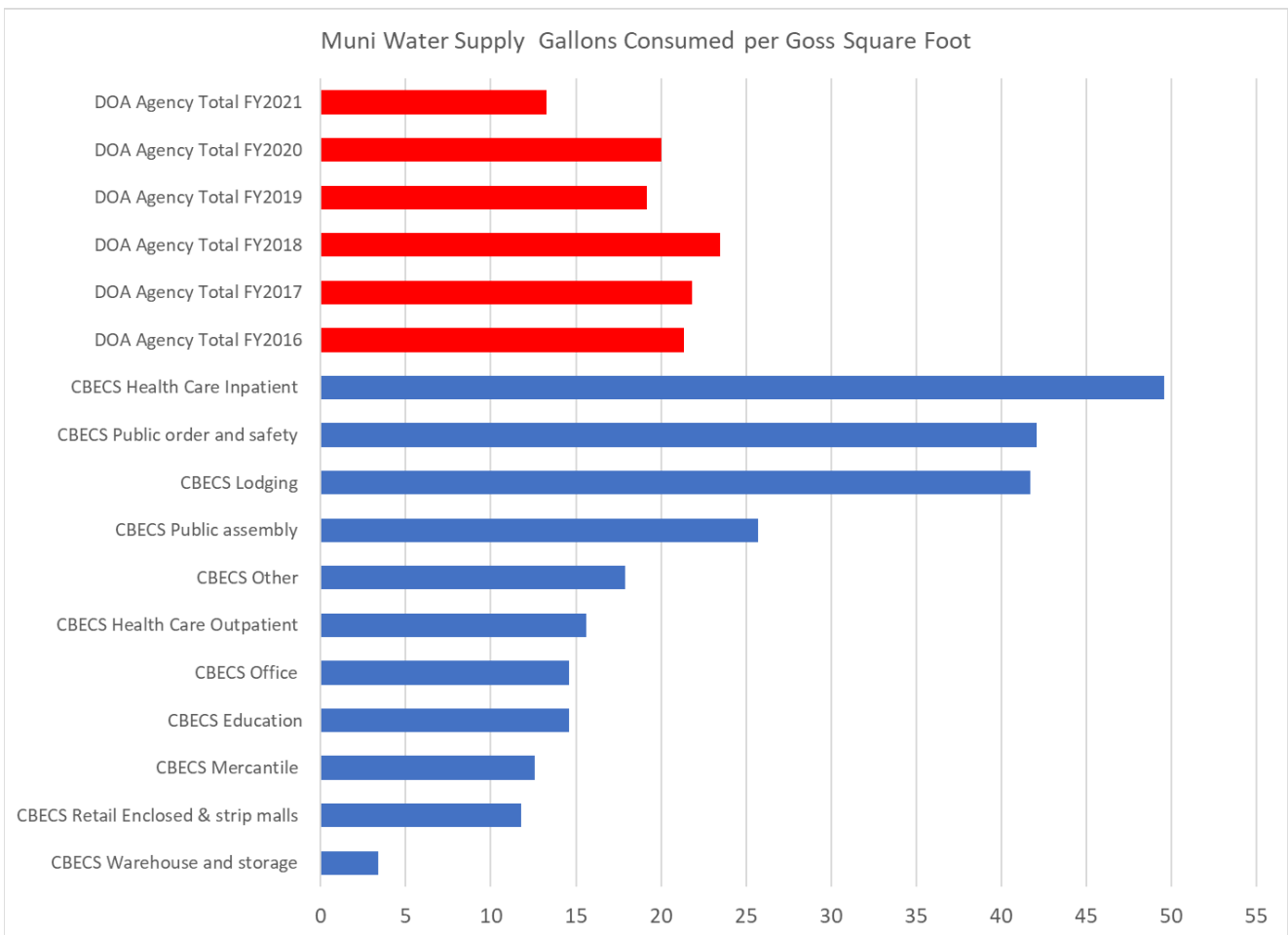
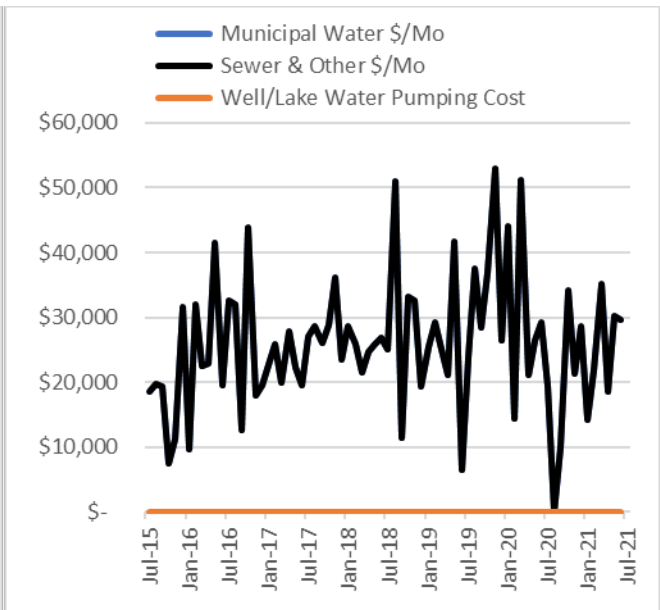
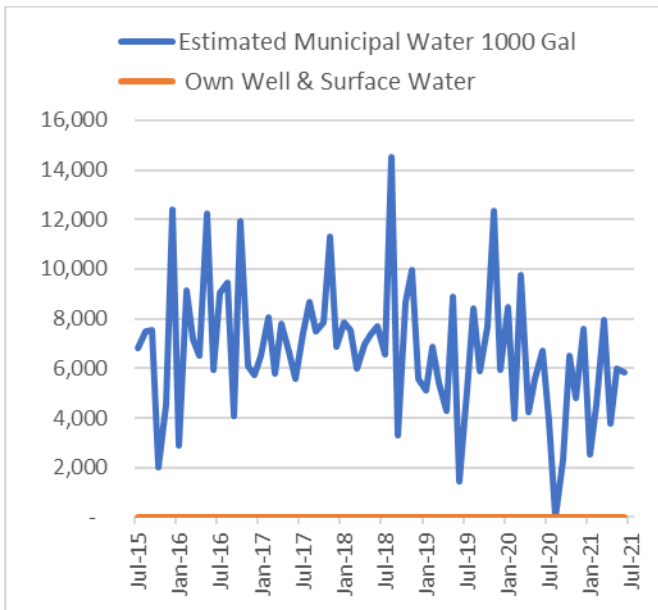
### SCOPE

CAPITOL COMPLEX - Capitol Heat & Power Plant, Dept. of Administration Office Building; Dept. of Health Services Office Building; Risser Justice Center; GEF 1, 2 and 3; and Wisconsin State Capitol.

HILL FARMS COMPLEX - Hill Farms D/E/L; and State Transportation Building

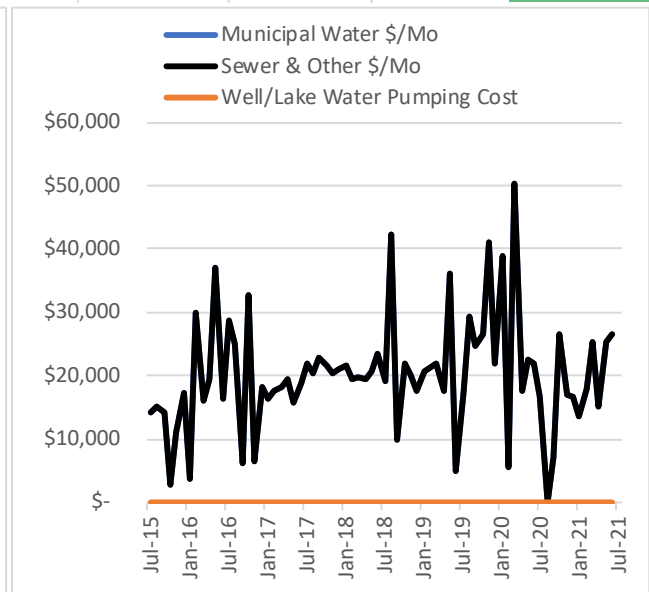
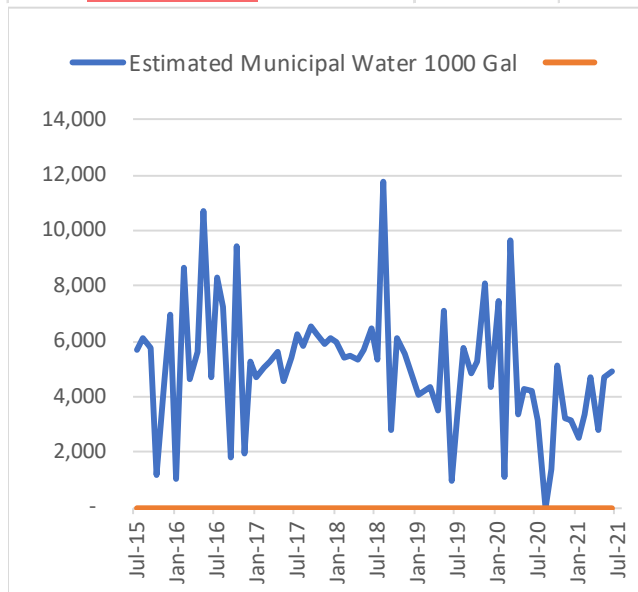
SEPARATED FACILITIES - Badger Road Office Building; Eau Claire Office Building; Green Bay Office Building; La Crosse Office Building; Milwaukee Office Building; Milwaukee SE Crime Lab; State Agriculture Building; State Revenue Building; Waukesha Office Building; Wisconsin Public Broadcasting Center Building; Wisconsin Rapids Office Building; Air Services; and Executive Residence.

DOA Agency Total		Own Well/Lake= No		Muni Water Supply				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	3,968,416	84,666	-	84,666	21.34		21.34	\$ 0.19
2017	3,968,416	86,630	-	86,630	21.83		21.83	\$ 0.22
2018	3,968,416	93,102	-	93,102	23.46		23.46	\$ 0.24
2019	4,202,931	80,603	-	80,603	19.18		19.18	\$ 0.23
2020	4,202,931	84,145	-	84,145	20.02		20.02	\$ 0.28
2021	4,202,931	55,679	-	55,679	13.25		13.25	\$ 0.19
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 256,239	\$ 512,478	50.0%	\$ -	\$ 3.03		\$ 3.03	\$ 9.08
2017	\$ 297,168	\$ 594,336	50.0%	\$ -	\$ 3.43		\$ 3.43	\$ 10.29
2018	\$ 323,754	\$ 647,508	50.0%	\$ -	\$ 3.48		\$ 3.48	\$ 10.43
2019	\$ 321,750	\$ 643,499	50.0%	\$ -	\$ 3.99		\$ 3.99	\$ 11.98
2020	\$ 392,926	\$ 785,852	50.0%	\$ -	\$ 4.67		\$ 4.67	\$ 14.01
2021	\$ 263,281	\$ 526,563	50.0%	\$ -	\$ 4.73		\$ 4.73	\$ 14.19
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.02		-	1.39	2.80			0.0598
2017	2.13		-	1.45	3.09			0.0674
2018	2.12		-	1.39	2.96			0.0695
2019	2.10		-	1.23	2.59			0.0498
2020	2.13		-	1.19	2.53			0.0506
2021	2.18		-	1.15	2.51			0.0333

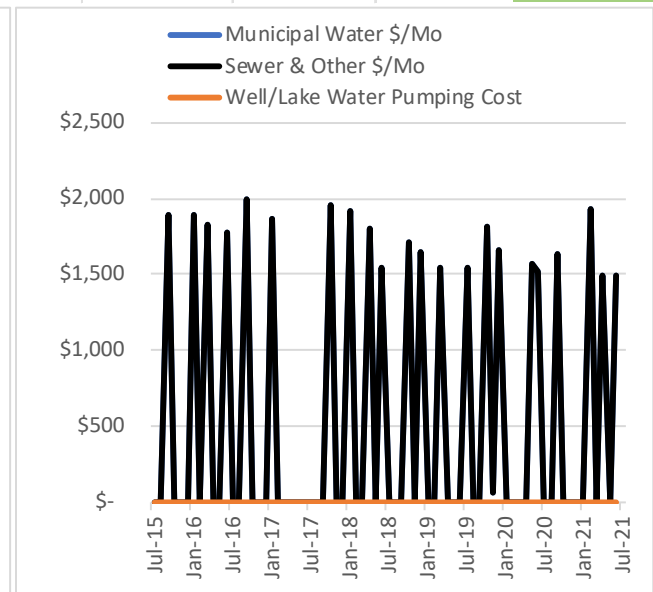
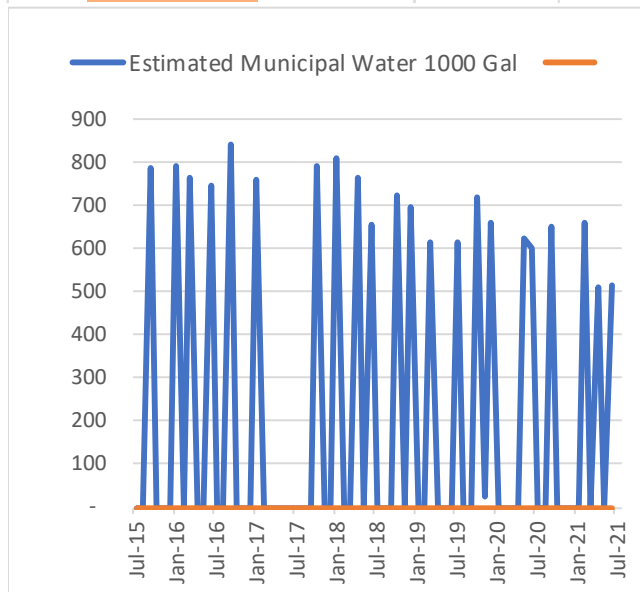




DOA-Madison		Own Well/Lake=	No	Vendor =	Madison Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	3,330,376	65,590	-	65,590	19.69		19.69	\$ 0.18
2017	3,330,376	64,591	-	64,591	19.39		19.39	\$ 0.20
2018	3,330,376	71,243	-	71,243	21.39		21.39	\$ 0.23
2019	3,564,891	60,511	-	60,511	16.97		16.97	\$ 0.21
2020	3,564,891	61,719	-	61,719	17.31		17.31	\$ 0.27
2021	3,564,891	38,971	-	38,971	10.93		10.93	\$ 0.17
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 196,921	\$ 393,842	50.0%	\$ -	\$ 3.00		\$ 3.00	\$ 9.01
2017	\$ 223,448	\$ 446,896	50.0%	\$ -	\$ 3.46		\$ 3.46	\$ 10.38
2018	\$ 252,069	\$ 504,139	50.0%	\$ -	\$ 3.54		\$ 3.54	\$ 10.61
2019	\$ 253,932	\$ 507,863	50.0%	\$ -	\$ 4.20		\$ 4.20	\$ 12.59
2020	\$ 317,974	\$ 635,949	50.0%	\$ -	\$ 5.15		\$ 5.15	\$ 15.46
2021	\$ 207,526	\$ 415,052	50.0%	\$ -	\$ 5.33		\$ 5.33	\$ 15.98
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.08		-	1.39	2.88			0.0568
2017	2.15		-	1.45	3.12			0.0605
2018	2.16		-	1.39	3.01			0.0643
2019	2.11		-	1.23	2.60			0.0442
2020	2.23		-	1.19	2.65			0.0460
2021	2.27		-	1.15	2.61			0.0286



DOA-Eau Claire SOB		Own Well/Lake=	No	Vendor =	Eau Claire Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	56,206	3,096	-	3,096	55.08		55.08	\$ 0.39
2017	56,206	1,600	-	1,600	28.46		28.46	\$ 0.21
2018	56,206	3,025	-	3,025	53.81		53.81	\$ 0.38
2019	56,206	2,039	-	2,039	36.28		36.28	\$ 0.26
2020	56,206	3,247	-	3,247	57.76		57.76	\$ 0.44
2021	56,206	2,339	-	2,339	41.62		41.62	\$ 0.35
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 7,383	\$ 14,767	50.0%	\$ -	\$ 2.39		\$ 2.39	\$ 7.16
2017	\$ 3,864	\$ 7,727	50.0%	\$ -	\$ 2.42		\$ 2.42	\$ 7.25
2018	\$ 7,212	\$ 14,424	50.0%	\$ -	\$ 2.38		\$ 2.38	\$ 7.15
2019	\$ 4,903	\$ 9,806	50.0%	\$ -	\$ 2.40		\$ 2.40	\$ 7.21
2020	\$ 8,153	\$ 16,306	50.0%	\$ -	\$ 2.51		\$ 2.51	\$ 7.53
2021	\$ 6,557	\$ 13,115	50.0%	\$ -	\$ 2.80		\$ 2.80	\$ 8.41
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.06		-	1.39	2.86			0.1575
2017	2.04		-	1.45	2.96			0.0843
2018	2.05		-	1.39	2.85			0.1536
2019	2.07		-	1.23	2.55			0.0925
2020	2.05		-	1.19	2.44			0.1409
2021	2.06		-	1.15	2.38			0.0989



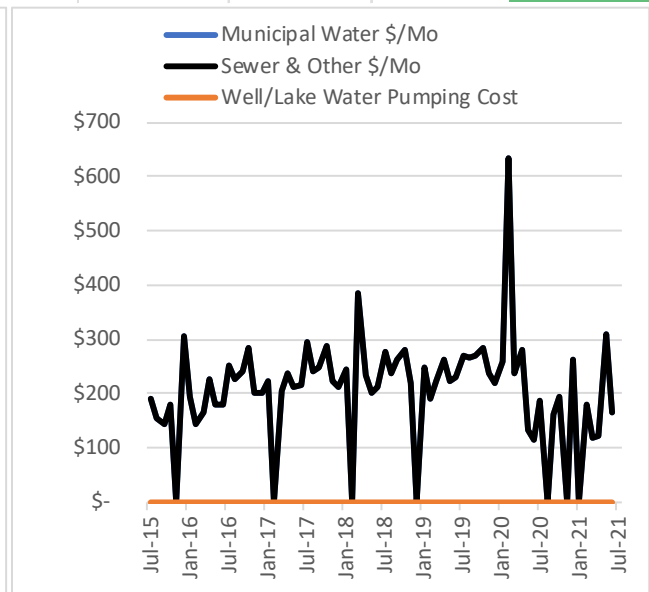
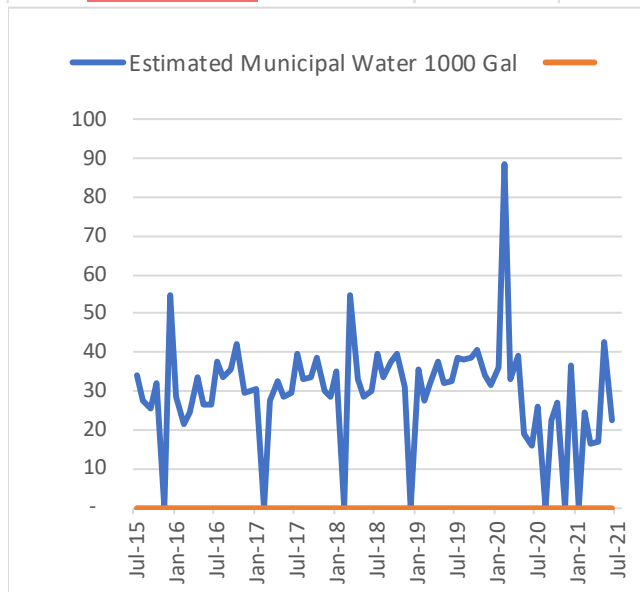
DOA-Green Bay SOB		Own Well/Lake=	No	Vendor =	Village of Allouez Water Department				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	69,206	335	-	335	4.84		4.84	\$ 0.09	
2017	69,206	357	-	357	5.16		5.16	\$ 0.11	
2018	69,206	386	-	386	5.58		5.58	\$ 0.12	
2019	69,206	379	-	379	5.47		5.47	\$ 0.12	
2020	69,206	454	-	454	6.55		6.55	\$ 0.14	
2021	69,206	235	-	235	3.40		3.40	\$ 0.07	

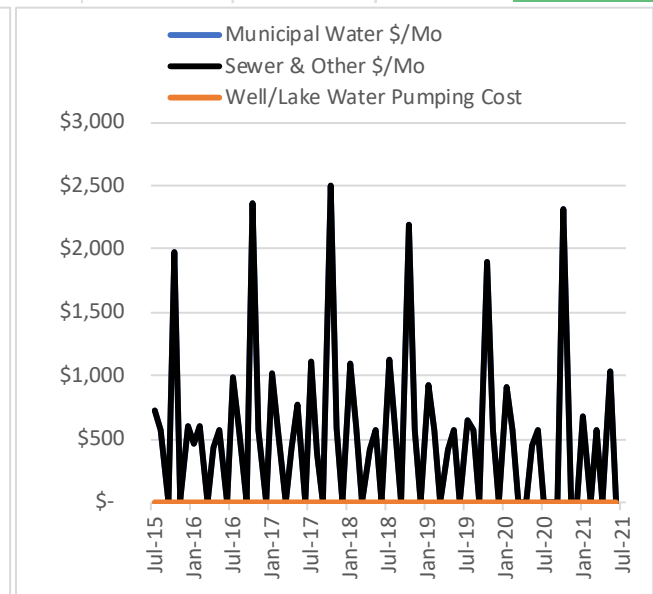
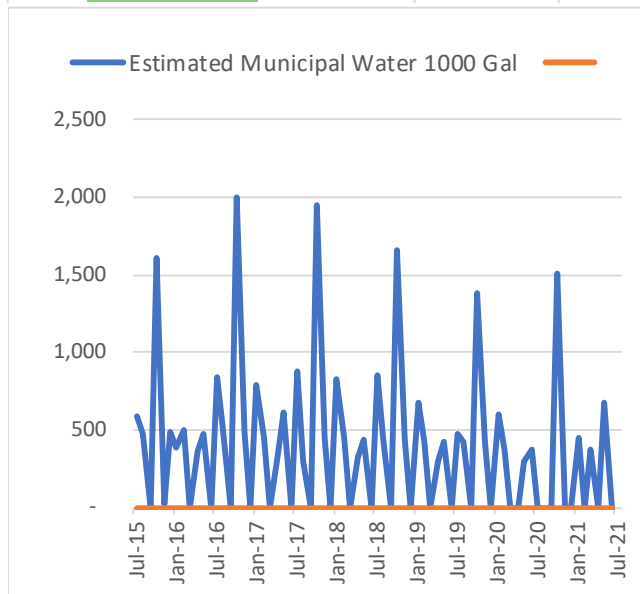
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 2,066	\$ 4,131	50.0%	\$ -	\$ 6.16		\$ 6.16	\$ 18.49
2017	\$ 2,512	\$ 5,023	50.0%	\$ -	\$ 7.03		\$ 7.03	\$ 21.10
2018	\$ 2,789	\$ 5,578	50.0%	\$ -	\$ 7.23		\$ 7.23	\$ 21.68
2019	\$ 2,657	\$ 5,314	50.0%	\$ -	\$ 7.02		\$ 7.02	\$ 21.05
2020	\$ 3,215	\$ 6,429	50.0%	\$ -	\$ 7.09		\$ 7.09	\$ 21.26
2021	\$ 1,703	\$ 3,406	50.0%	\$ -	\$ 7.24		\$ 7.24	\$ 21.71

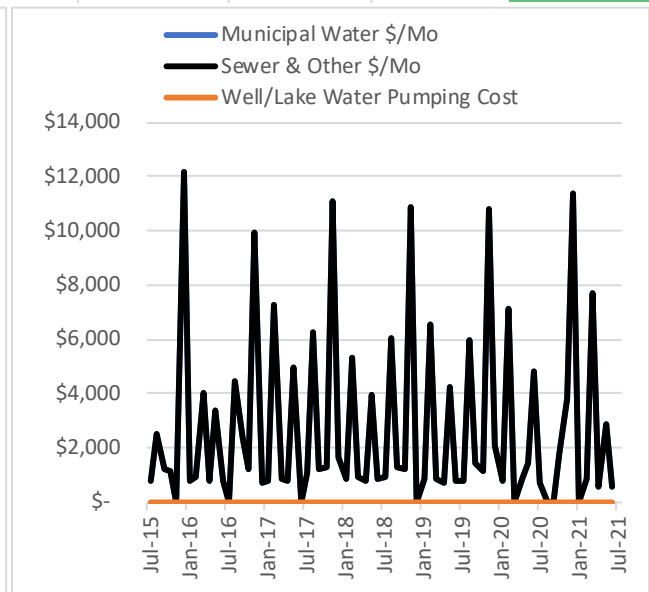
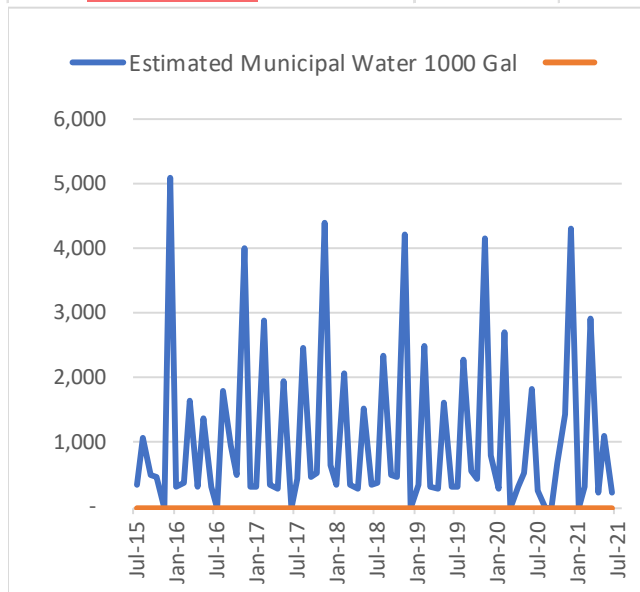
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.0134
2017	2.00		-	1.45	2.90			0.0150
2018	2.00		-	1.39	2.79			0.0155
2019	2.00		-	1.23	2.47			0.0135
2020	2.00		-	1.19	2.38			0.0156
2021	2.00		-	1.15	2.30			0.0078



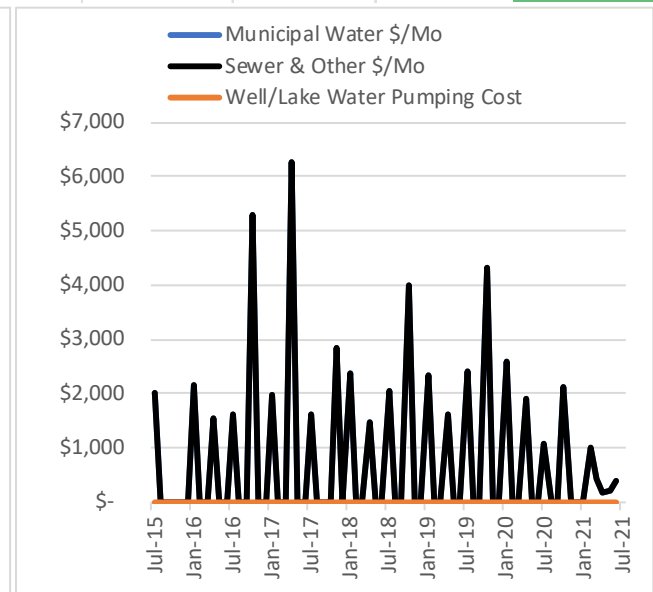
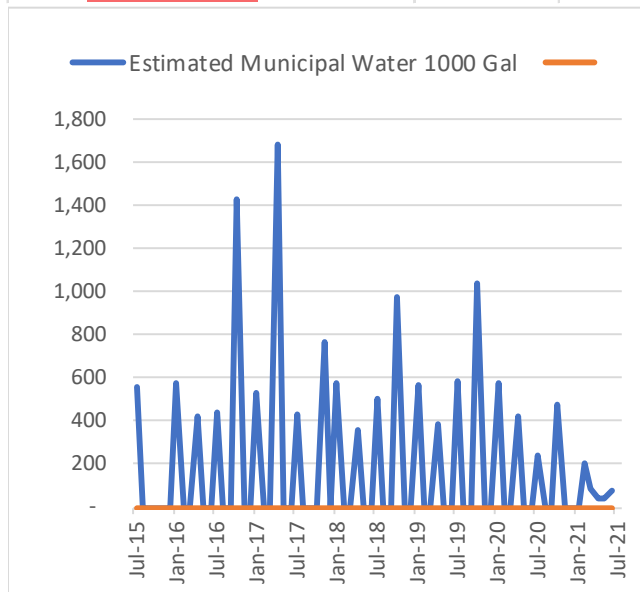
DOA-La Crosse SOB		Own Well/Lake=	No	Vendor =	La Crosse Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	45,965	4,896	-	4,896	106.51		106.51	\$ 0.39
2017	45,965	5,998	-	5,998	130.49		130.49	\$ 0.48
2018	45,965	5,604	-	5,604	121.92		121.92	\$ 0.47
2019	45,965	5,195	-	5,195	113.03		113.03	\$ 0.46
2020	45,965	4,333	-	4,333	94.27		94.27	\$ 0.41
2021	45,965	2,999	-	2,999	65.25		65.25	\$ 0.30
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 5,942	\$ 11,883	50.0%	\$ -	\$ 1.21		\$ 1.21	\$ 3.64
2017	\$ 7,310	\$ 14,621	50.0%	\$ -	\$ 1.22		\$ 1.22	\$ 3.66
2018	\$ 7,273	\$ 14,546	50.0%	\$ -	\$ 1.30		\$ 1.30	\$ 3.89
2019	\$ 6,972	\$ 13,943	50.0%	\$ -	\$ 1.34		\$ 1.34	\$ 4.03
2020	\$ 6,231	\$ 12,461	50.0%	\$ -	\$ 1.44		\$ 1.44	\$ 4.31
2021	\$ 4,610	\$ 9,221	50.0%	\$ -	\$ 1.54		\$ 1.54	\$ 4.61
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.33		-	1.39	1.84			0.1960
2017	1.45		-	1.45	2.10			0.2746
2018	1.56		-	1.39	2.17			0.2647
2019	1.46		-	1.23	1.80			0.2040
2020	1.35		-	1.19	1.60			0.1510
2021	1.35		-	1.15	1.55			0.1014



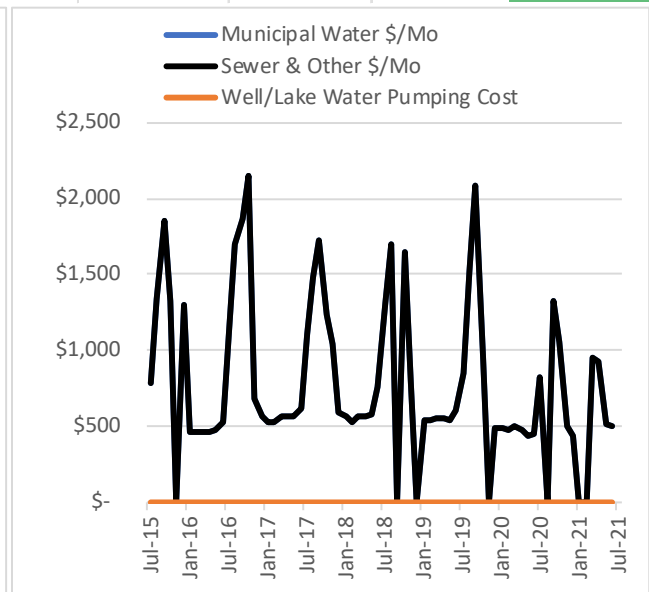
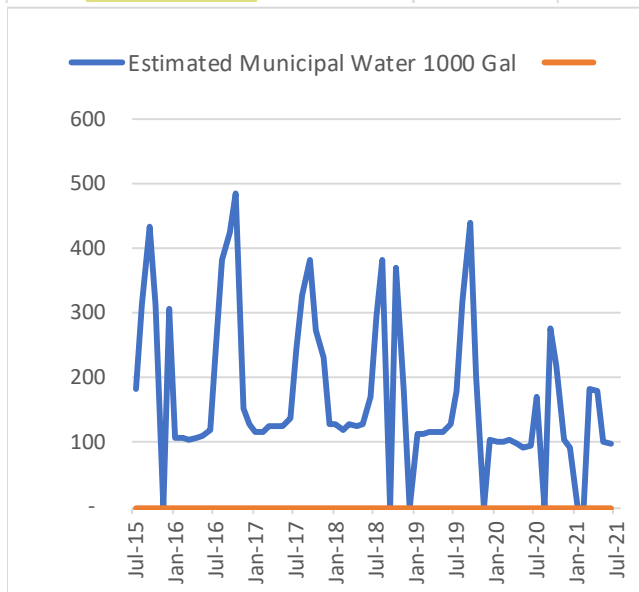
DOA-Milwaukee		Own Well/Lake=	No	Vendor =	Milwaukee Water Works			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	245,135	11,879	-	11,879	48.46		48.46	\$ 0.35
2017	245,135	13,421	-	13,421	54.75		54.75	\$ 0.41
2018	245,135	13,914	-	13,914	56.76		56.76	\$ 0.43
2019	245,135	13,312	-	13,312	54.30		54.30	\$ 0.42
2020	245,135	14,256	-	14,256	58.15		58.15	\$ 0.46
2021	245,135	11,536	-	11,536	47.06		47.06	\$ 0.37
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 28,737	\$ 57,474	50.0%	\$ -	\$ 2.42		\$ 2.42	\$ 7.26
2017	\$ 33,430	\$ 66,859	50.0%	\$ -	\$ 2.49		\$ 2.49	\$ 7.47
2018	\$ 35,342	\$ 70,684	50.0%	\$ -	\$ 2.54		\$ 2.54	\$ 7.62
2019	\$ 34,477	\$ 68,954	50.0%	\$ -	\$ 2.59		\$ 2.59	\$ 7.77
2020	\$ 37,399	\$ 74,799	50.0%	\$ -	\$ 2.62		\$ 2.62	\$ 7.87
2021	\$ 30,415	\$ 60,830	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.91
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.78		-	1.39	2.47			0.1195
2017	1.83		-	1.45	2.65			0.1451
2018	1.77		-	1.39	2.46			0.1399
2019	1.73		-	1.23	2.13			0.1157
2020	1.86		-	1.19	2.20			0.1282
2021	1.89		-	1.15	2.17			0.1023



DOA-Waukesha SOB		Own Well/Lake=	No	Vendor =	City of Waukesha Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	169,976	1,561	-	1,561	9.18		9.18	\$ 0.10
2017	169,976	4,085	-	4,085	24.03		24.03	\$ 0.27
2018	169,976	2,142	-	2,142	12.60		12.60	\$ 0.15
2019	169,976	2,432	-	2,432	14.31		14.31	\$ 0.18
2020	169,976	2,630	-	2,630	15.47		15.47	\$ 0.20
2021	169,976	1,170	-	1,170	6.88		6.88	\$ 0.10
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 5,709	\$ 11,417	50.0%	\$ -	\$ 3.66		\$ 3.66	\$ 10.97
2017	\$ 15,164	\$ 30,329	50.0%	\$ -	\$ 3.71		\$ 3.71	\$ 11.14
2018	\$ 8,322	\$ 16,643	50.0%	\$ -	\$ 3.88		\$ 3.88	\$ 11.65
2019	\$ 10,014	\$ 20,027	50.0%	\$ -	\$ 4.12		\$ 4.12	\$ 12.35
2020	\$ 11,212	\$ 22,425	50.0%	\$ -	\$ 4.26		\$ 4.26	\$ 12.79
2021	\$ 5,441	\$ 10,882	50.0%	\$ -	\$ 4.65		\$ 4.65	\$ 13.96
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	3.73		-	1.39	5.17			0.0475
2017	3.43		-	1.45	4.98			0.1196
2018	3.80		-	1.39	5.29			0.0667
2019	3.39		-	1.23	4.18			0.0598
2020	3.64		-	1.19	4.32			0.0668
2021	3.92		-	1.15	4.51			0.0310



DOA-WI Rapids SOB		Own Well/Lake=	No	Vendor =	Wisconsin Rapids Water Works and Lighting Commission			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	51,552	2,206	-	2,206	42.78		42.78	\$ 0.55
2017	51,552	2,575	-	2,575	49.95		49.95	\$ 0.67
2018	51,552	2,393	-	2,393	46.42		46.42	\$ 0.63
2019	51,552	1,931	-	1,931	37.45		37.45	\$ 0.51
2020	51,552	1,841	-	1,841	35.70		35.70	\$ 0.51
2021	51,552	1,428	-	1,428	27.71		27.71	\$ 0.41
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 9,482	\$ 18,964	50.0%	\$ -	\$ 4.30		\$ 4.30	\$ 12.90
2017	\$ 11,441	\$ 22,882	50.0%	\$ -	\$ 4.44		\$ 4.44	\$ 13.33
2018	\$ 10,747	\$ 21,493	50.0%	\$ -	\$ 4.49		\$ 4.49	\$ 13.47
2019	\$ 8,796	\$ 17,591	50.0%	\$ -	\$ 4.56		\$ 4.56	\$ 13.67
2020	\$ 8,741	\$ 17,483	50.0%	\$ -	\$ 4.75		\$ 4.75	\$ 14.25
2021	\$ 7,029	\$ 14,058	50.0%	\$ -	\$ 4.92		\$ 4.92	\$ 14.76
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.97		-	1.39	2.73			0.1169
2017	1.94		-	1.45	2.81			0.1405
2018	1.60		-	1.39	2.23			0.1037
2019	1.68		-	1.23	2.07			0.0774
2020	1.65		-	1.19	1.96			0.0699
2021	1.65		-	1.15	1.90			0.0527



# Department of Corrections

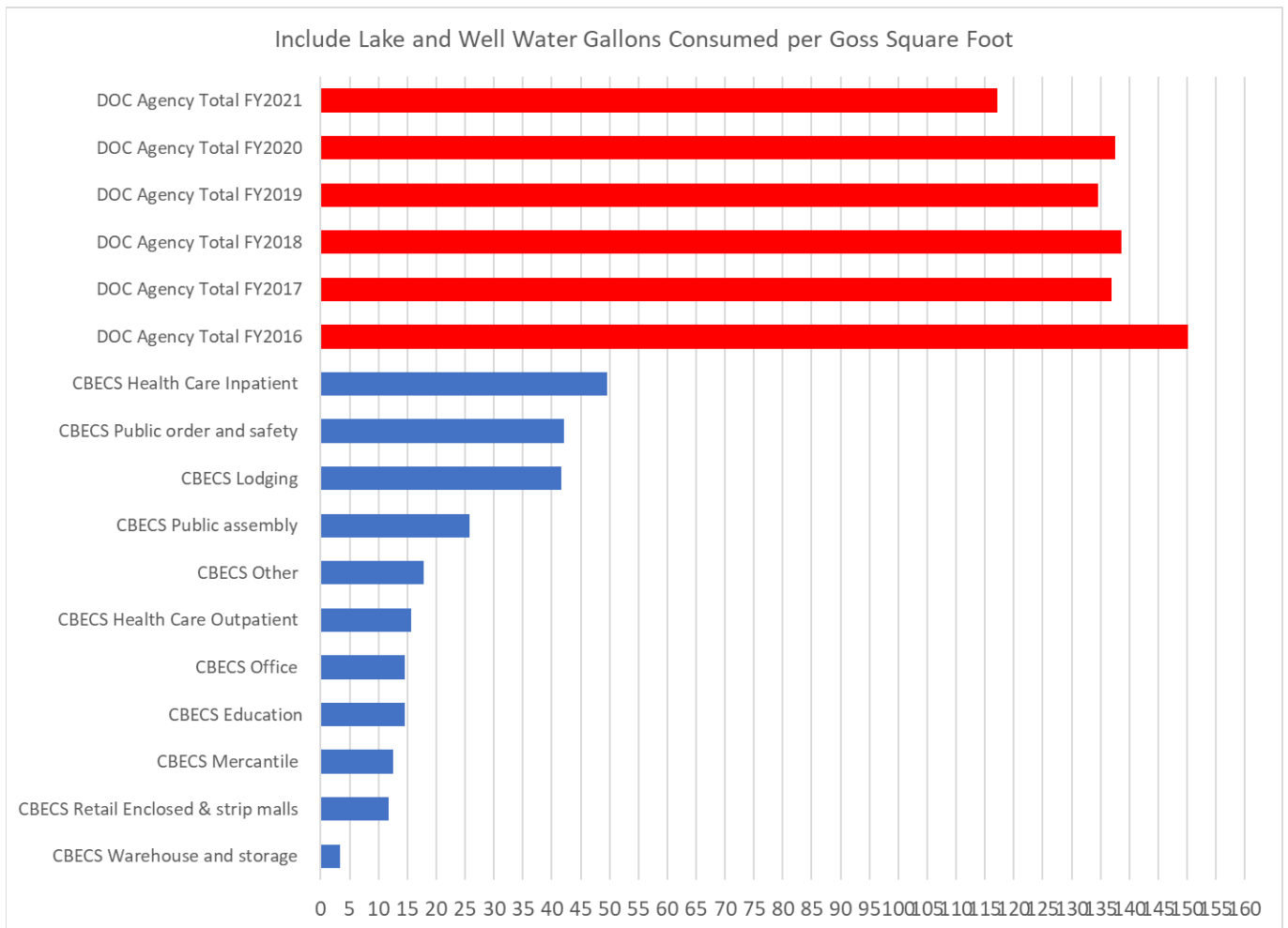
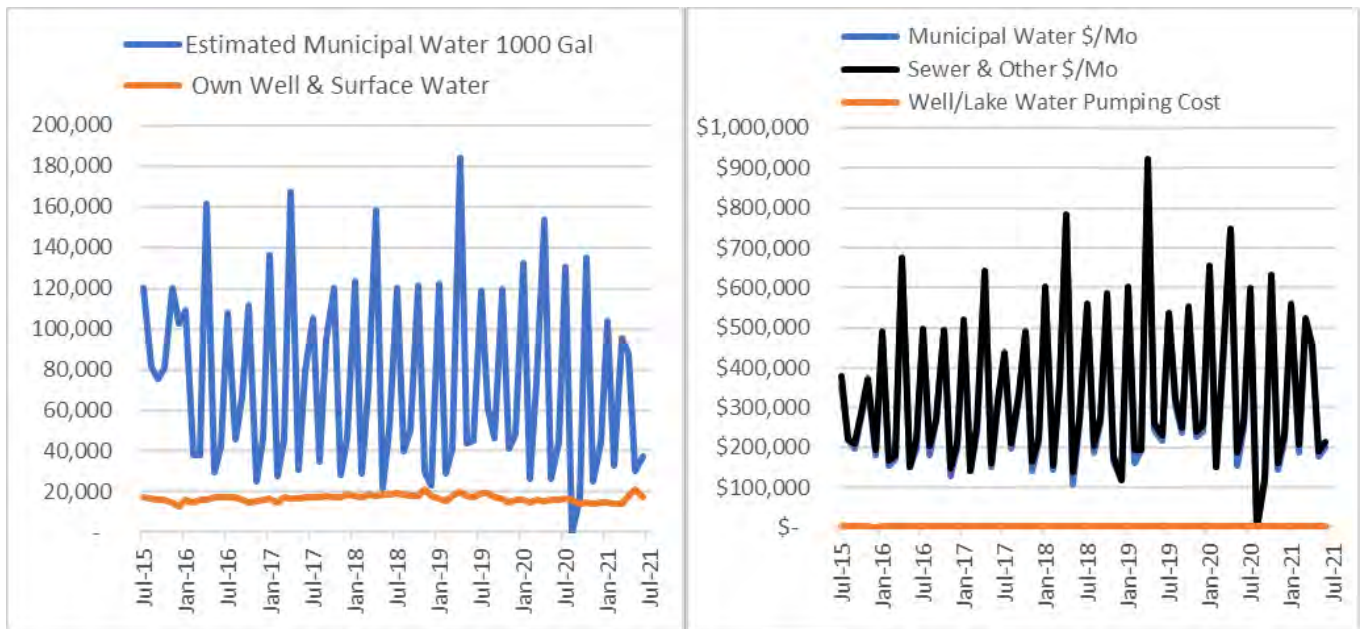


## SCOPE

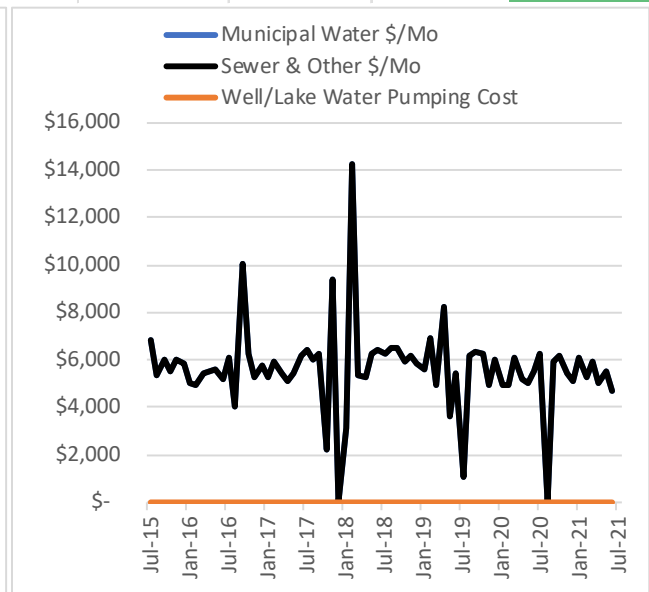
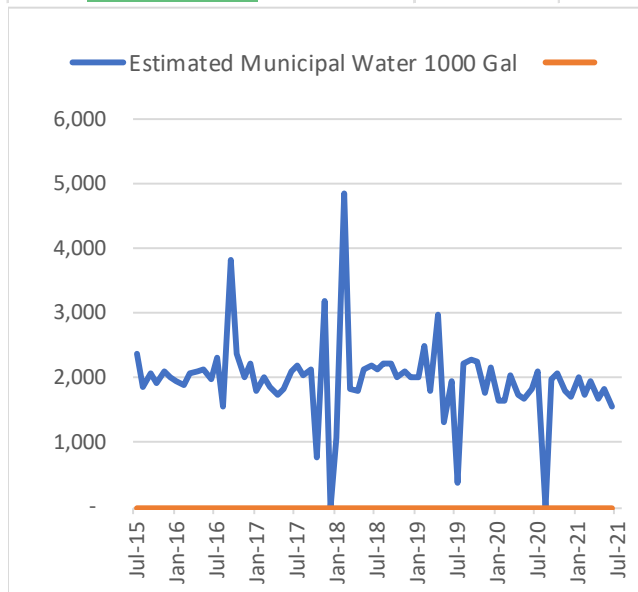
Facilities Included: Columbia Correctional Institution; Prairie du Chien Correctional; Ethan Allen School to FY14; Racine Correctional Institution; Fox Lake Correctional Institution; Racine Youthful Offender Facility; Green Bay Correctional Institution; Redgranite Correctional Institution; Jackson Correctional Institution; Stanley Correctional Institution; Kettle Moraine Correctional Institution; Sturtevant Transitional Facility; Lincoln Hills School; Taycheedah Correctional Institution; Milwaukee Secure Detention Facility; Waupun Complex, includes - Dodge Correctional Institution and Waupun Correctional Institution; New Lisbon Correctional Institution; Oak Hill Correctional Institution; Oshkosh Correctional Institution; and Wisconsin Secure Program Facility.

DOC Agency Total		Own Well/Lake= Yes		Include Lake and Well Water				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	7,939,611	1,000,010	191,974	1,191,985	125.95	24.18	150.13	\$ 1.31
2017	7,939,611	890,969	196,271	1,087,239	112.22	24.72	136.94	\$ 1.43
2018	7,939,611	883,119	216,954	1,100,072	111.23	27.33	138.55	\$ 1.55
2019	7,939,611	848,746	219,970	1,068,716	106.90	27.71	134.61	\$ 1.60
2020	7,939,611	894,529	197,685	1,092,214	112.67	24.90	137.57	\$ 1.70
2021	7,939,611	739,508	190,557	930,065	93.14	24.00	117.14	\$ 1.44
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 3,405,848	\$ 6,953,236	49.0%	\$ 30,652	\$ 3.41	\$ 0.16	\$ 3.57	\$ 8.72
2017	\$ 3,743,852	\$ 7,613,525	49.2%	\$ 31,965	\$ 4.20	\$ 0.16	\$ 4.36	\$ 10.48
2018	\$ 4,027,351	\$ 8,219,011	49.0%	\$ 34,943	\$ 4.56	\$ 0.16	\$ 4.72	\$ 11.16
2019	\$ 4,154,871	\$ 8,482,100	49.0%	\$ 34,401	\$ 4.90	\$ 0.16	\$ 5.05	\$ 11.86
2020	\$ 4,423,621	\$ 9,011,324	49.1%	\$ 31,031	\$ 4.95	\$ 0.16	\$ 5.10	\$ 12.33
2021	\$ 3,760,710	\$ 7,662,644	49.1%	\$ 29,140	\$ 5.09	\$ 0.15	\$ 5.24	\$ 12.31
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.92	2.00	383,949	1.39	2.67	0.0484	165.05	0.4012
2017	2.01	2.00	392,541	1.45	2.91	0.0494	168.74	0.3990
2018	2.09	2.00	433,908	1.39	2.88	0.0547	186.52	0.3997
2019	2.05	2.00	439,940	1.23	2.51	0.0554	189.12	0.3383
2020	2.10	2.00	395,370	1.19	2.47	0.0498	169.96	0.3398
2021	2.01	2.00	381,114	1.15	2.31	0.0480	163.83	0.2709

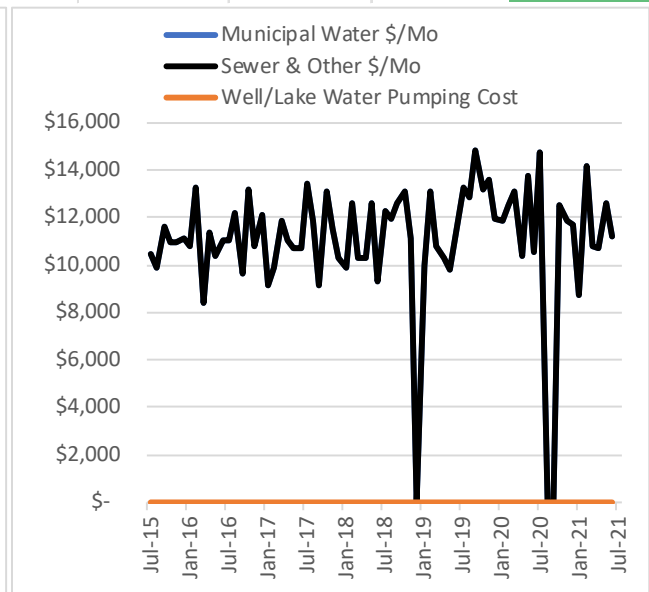
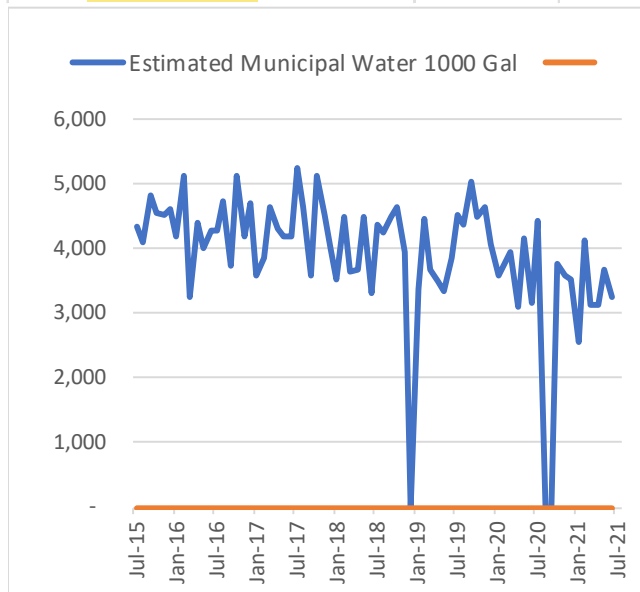




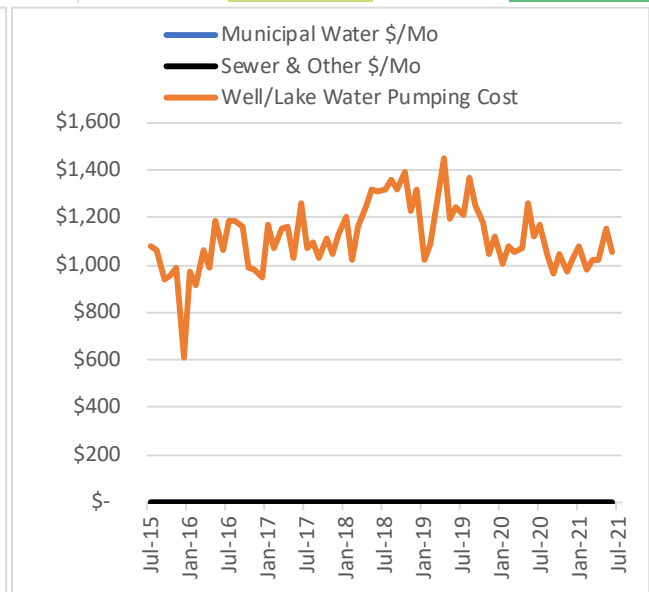
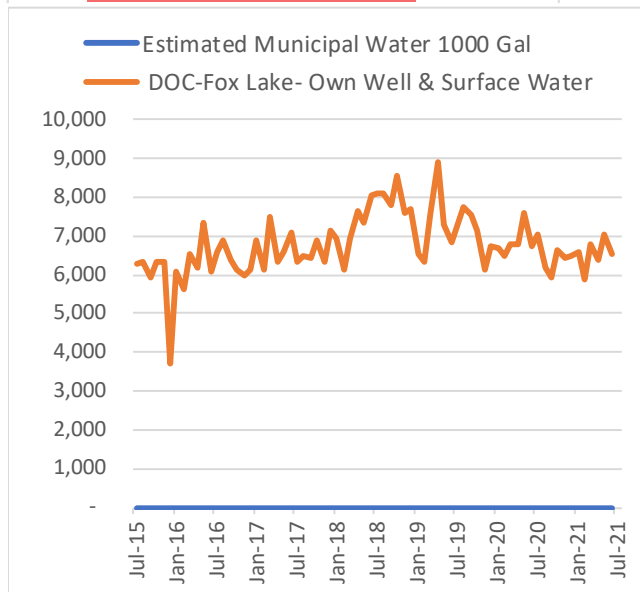
DOC-Boscobel		Own Well/Lake=	No	Vendor =	Boscobel Municipal Utilities			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	195,000	24,514	-	24,514	125.71		125.71	\$ 1.04
2017	195,000	25,660	-	25,660	131.59		131.59	\$ 1.09
2018	195,000	24,252	-	24,252	124.37		124.37	\$ 1.09
2019	195,000	25,259	-	25,259	129.54		129.54	\$ 1.11
2020	195,000	21,703	-	21,703	111.29		111.29	\$ 0.96
2021	195,000	20,427	-	20,427	104.75		104.75	\$ 0.94
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 67,284	\$ 134,567	50.0%	\$ -	\$ 2.74		\$ 2.74	\$ 8.23
2017	\$ 70,713	\$ 141,427	50.0%	\$ -	\$ 2.76		\$ 2.76	\$ 8.27
2018	\$ 71,158	\$ 142,317	50.0%	\$ -	\$ 2.93		\$ 2.93	\$ 8.80
2019	\$ 72,086	\$ 144,173	50.0%	\$ -	\$ 2.85		\$ 2.85	\$ 8.56
2020	\$ 62,494	\$ 124,987	50.0%	\$ -	\$ 2.88		\$ 2.88	\$ 8.64
2021	\$ 61,362	\$ 122,723	50.0%	\$ -	\$ 3.00		\$ 3.00	\$ 9.01
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.38		-	1.39	3.30			0.4151
2017	2.36		-	1.45	3.41			0.4491
2018	2.24		-	1.39	3.12			0.3885
2019	2.45		-	1.23	3.03			0.3919
2020	2.25		-	1.19	2.67			0.2969
2021	1.97		-	1.15	2.27			0.2378



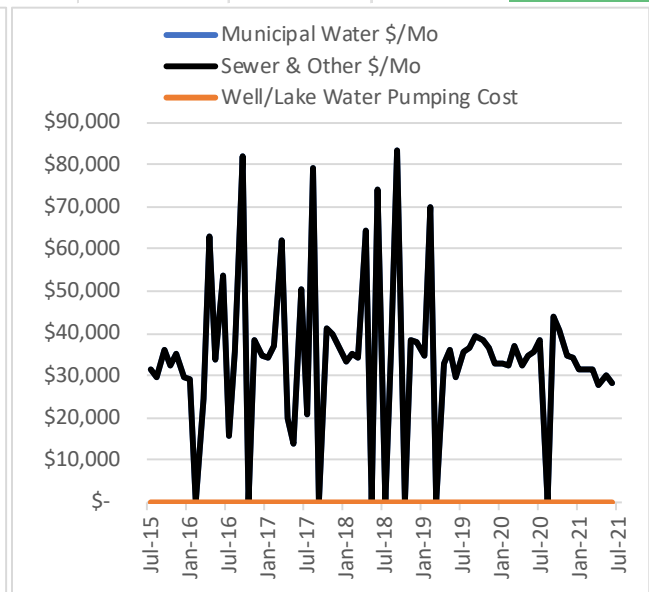
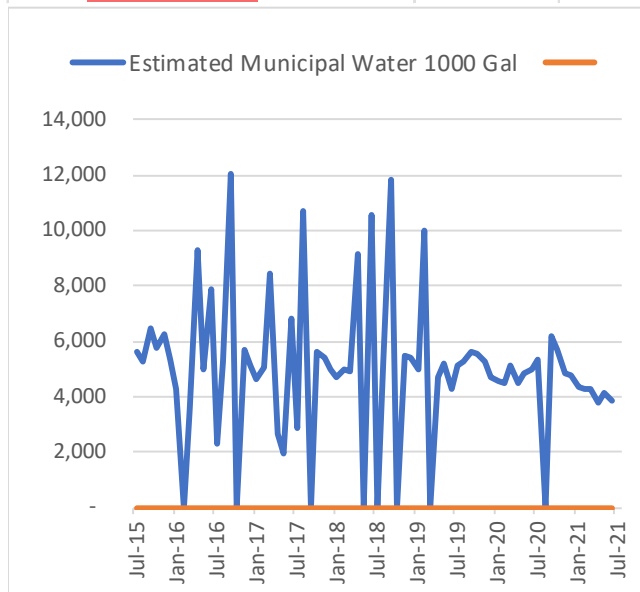
DOC-Columbia		Own Well/Lake=	No	Vendor =	Portage Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	330,807	52,252	-	52,252	157.95		157.95	\$ 1.18
2017	330,807	51,598	-	51,598	155.98		155.98	\$ 1.20
2018	330,807	50,325	-	50,325	152.13		152.13	\$ 1.22
2019	330,807	43,985	-	43,985	132.96		132.96	\$ 1.14
2020	330,807	48,896	-	48,896	147.81		147.81	\$ 1.38
2021	330,807	35,174	-	35,174	106.33		106.33	\$ 1.08
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 130,227	\$ 260,455	50.0%	\$ -	\$ 2.49		\$ 2.49	\$ 7.48
2017	\$ 132,377	\$ 264,755	50.0%	\$ -	\$ 2.57		\$ 2.57	\$ 7.70
2018	\$ 134,270	\$ 268,539	50.0%	\$ -	\$ 2.67		\$ 2.67	\$ 8.00
2019	\$ 126,206	\$ 252,411	50.0%	\$ -	\$ 2.87		\$ 2.87	\$ 8.61
2020	\$ 151,791	\$ 303,582	50.0%	\$ -	\$ 3.10		\$ 3.10	\$ 9.31
2021	\$ 118,914	\$ 237,827	50.0%	\$ -	\$ 3.38		\$ 3.38	\$ 10.14
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.11		-	1.39	2.93			0.4623
2017	2.27		-	1.45	3.29			0.5128
2018	2.29		-	1.39	3.19			0.4859
2019	2.33		-	1.23	2.87			0.3819
2020	2.23		-	1.19	2.65			0.3913
2021	2.26		-	1.15	2.60			0.2767



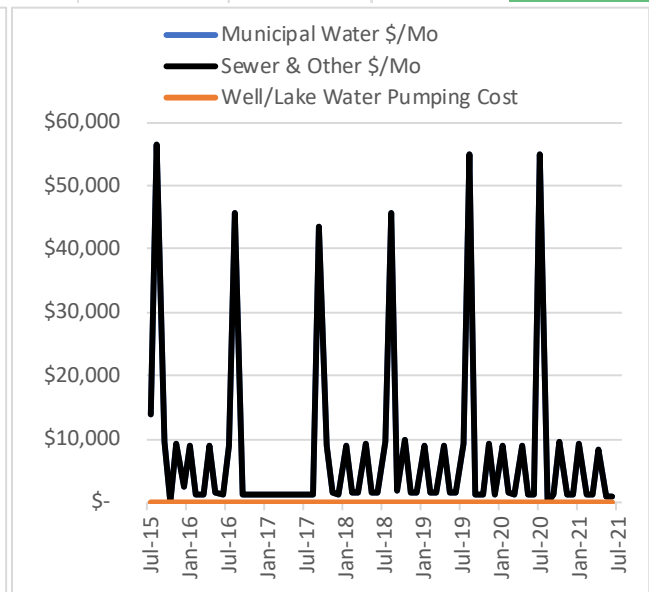
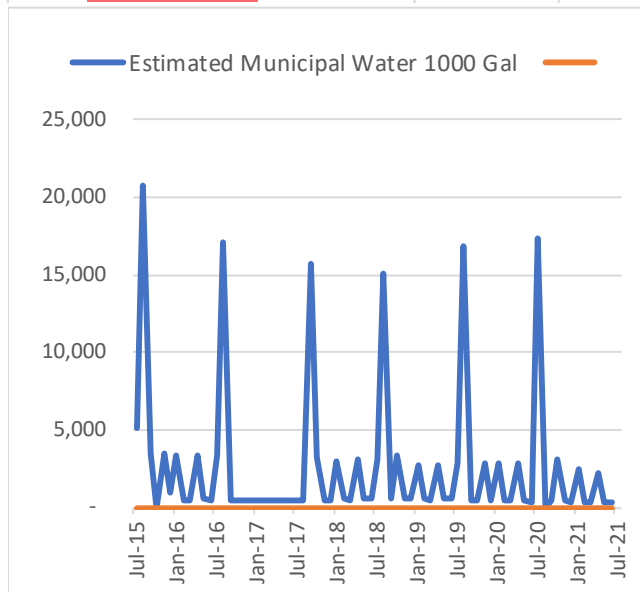
DOC-Fox Lake		Own Well/Lake=	Yes	Vendor =	Own Well & Sewer			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	533,407	-	72,776	72,776		136.44	136.44	\$ 0.02
2017	533,407	-	78,630	78,630		147.41	147.41	\$ 0.02
2018	533,407	-	82,657	82,657		154.96	154.96	\$ 0.03
2019	533,407	-	91,327	91,327		171.21	171.21	\$ 0.03
2020	533,407	-	83,730	83,730		156.97	156.97	\$ 0.03
2021	533,407	-	77,863	77,863		145.97	145.97	\$ 0.02
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ -	#DIV/0!	\$ 11,814		\$ 0.16	\$ 0.16	\$ 0.16
2017	\$ -	\$ -	#DIV/0!	\$ 13,284		\$ 0.17	\$ 0.17	\$ 0.17
2018	\$ -	\$ -	#DIV/0!	\$ 13,744		\$ 0.17	\$ 0.17	\$ 0.17
2019	\$ -	\$ -	#DIV/0!	\$ 15,176		\$ 0.17	\$ 0.17	\$ 0.17
2020	\$ -	\$ -	#DIV/0!	\$ 13,768		\$ 0.16	\$ 0.16	\$ 0.16
2021	\$ -	\$ -	#DIV/0!	\$ 12,517		\$ 0.16	\$ 0.16	\$ 0.16
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00	2.00	145,552	1.39	2.77	0.2729	931.31	0.3779
2017	2.00	2.00	157,260	1.45	2.90	0.2948	1,006.23	0.4272
2018	2.00	2.00	165,314	1.39	2.79	0.3099	1,057.76	0.4320
2019	2.00	2.00	182,654	1.23	2.47	0.3424	1,168.71	0.4222
2020	2.00	2.00	167,460	1.19	2.38	0.3139	1,071.49	0.3730
2021	2.00	2.00	155,726	1.15	2.30	0.2919	996.41	0.3362



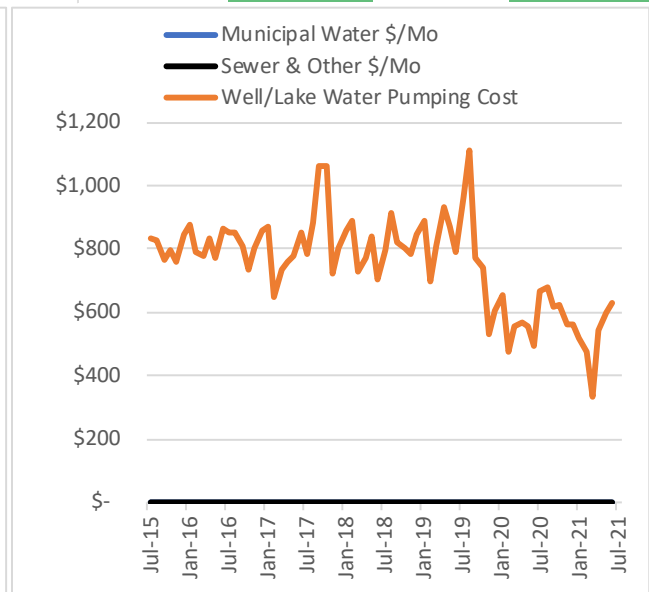
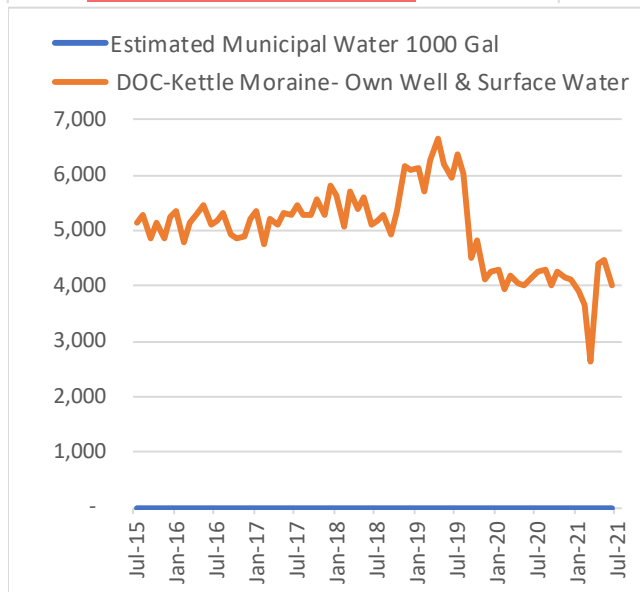
DOC-Green Bay		Own Well/Lake=	Yes	Vendor =	Village of Allouez Water Department			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	453,750	64,763	-	64,763	142.73		142.73	\$ 2.63
2017	453,750	59,833	-	59,833	131.86		131.86	\$ 2.80
2018	453,750	63,789	-	63,789	140.58		140.58	\$ 3.04
2019	453,750	56,993	-	56,993	125.60		125.60	\$ 2.64
2020	453,750	59,943	-	59,943	132.11		132.11	\$ 2.81
2021	453,750	51,563	-	51,563	113.64		113.64	\$ 2.47
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 397,795	\$ 795,591	50.0%	\$ -	\$ 6.14		\$ 6.14	\$ 18.43
2017	\$ 423,677	\$ 847,355	50.0%	\$ -	\$ 7.08		\$ 7.08	\$ 21.24
2018	\$ 459,585	\$ 919,171	50.0%	\$ -	\$ 7.20		\$ 7.20	\$ 21.61
2019	\$ 400,000	\$ 800,000	50.0%	\$ -	\$ 7.02		\$ 7.02	\$ 21.06
2020	\$ 424,418	\$ 848,836	50.0%	\$ -	\$ 7.08		\$ 7.08	\$ 21.24
2021	\$ 372,867	\$ 745,734	50.0%	\$ -	\$ 7.23		\$ 7.23	\$ 21.69
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.3954
2017	2.00		-	1.45	2.90			0.3821
2018	2.00		-	1.39	2.79			0.3919
2019	2.00		-	1.23	2.47			0.3097
2020	2.00		-	1.19	2.38			0.3139
2021	2.00		-	1.15	2.30			0.2618



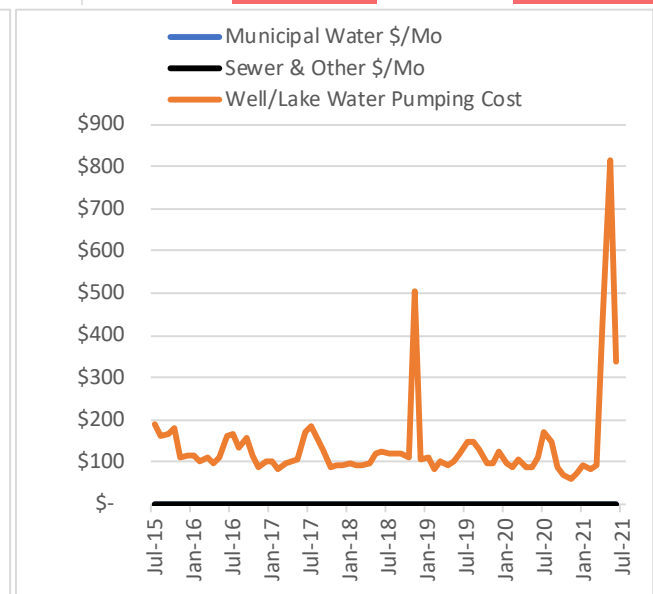
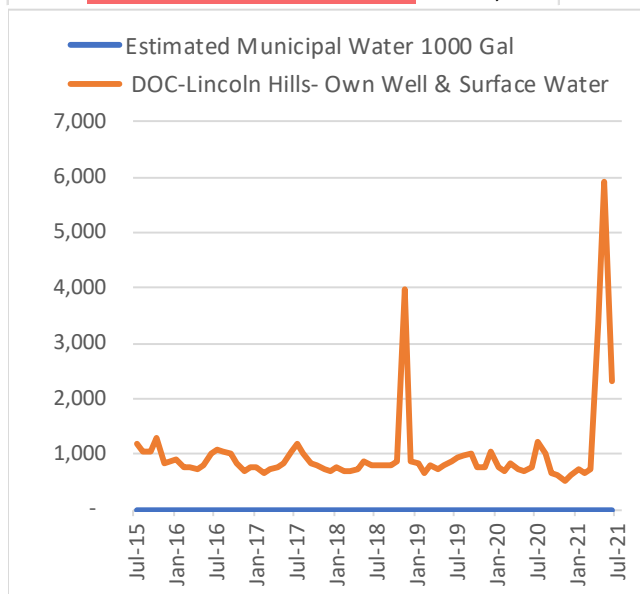
DOC-Jackson		Own Well/Lake=	Yes	Vendor =	Village of Jackson Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	390,613	42,413	-	42,413	108.58		108.58	\$ 0.88
2017	390,613	25,075	-	25,075	64.19		64.19	\$ 0.52
2018	390,613	28,994	-	28,994	74.23		74.23	\$ 0.64
2019	390,613	30,608	-	30,608	78.36		78.36	\$ 0.73
2020	390,613	30,934	-	30,934	79.19		79.19	\$ 0.77
2021	390,613	27,279	-	27,279	69.84		69.84	\$ 0.69
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 115,020	\$ 230,041	50.0%	\$ -	\$ 2.71		\$ 2.71	\$ 8.14
2017	\$ 67,455	\$ 134,911	50.0%	\$ -	\$ 2.69		\$ 2.69	\$ 8.07
2018	\$ 82,702	\$ 165,405	50.0%	\$ -	\$ 2.85		\$ 2.85	\$ 8.56
2019	\$ 94,413	\$ 188,827	50.0%	\$ -	\$ 3.08		\$ 3.08	\$ 9.25
2020	\$ 100,319	\$ 200,637	50.0%	\$ -	\$ 3.24		\$ 3.24	\$ 9.73
2021	\$ 90,055	\$ 180,110	50.0%	\$ -	\$ 3.30		\$ 3.30	\$ 9.90
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.46		-	1.39	2.02			0.2192
2017	1.48		-	1.45	2.15			0.1380
2018	1.56		-	1.39	2.18			0.1617
2019	1.56		-	1.23	1.93			0.1510
2020	1.53		-	1.19	1.82			0.1441
2021	1.64		-	1.15	1.89			0.1319



DOC-Kettle Moraine		Own Well/Lake= Yes		Vendor = Own Well & Sewer				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	361,612	-	61,749	61,749		170.76	170.76	\$ 0.03
2017	361,612	-	61,416	61,416		169.84	169.84	\$ 0.03
2018	361,612	-	65,163	65,163		180.20	180.20	\$ 0.03
2019	361,612	-	69,900	69,900		193.30	193.30	\$ 0.03
2020	361,612	-	54,706	54,706		151.28	151.28	\$ 0.02
2021	361,612	-	48,144	48,144		133.14	133.14	\$ 0.02
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ -	#DIV/0!	\$ 9,746		\$ 0.16	\$ 0.16	\$ 0.16
2017	\$ -	\$ -	#DIV/0!	\$ 9,558		\$ 0.16	\$ 0.16	\$ 0.16
2018	\$ -	\$ -	#DIV/0!	\$ 10,105		\$ 0.16	\$ 0.16	\$ 0.16
2019	\$ -	\$ -	#DIV/0!	\$ 9,962		\$ 0.14	\$ 0.14	\$ 0.14
2020	\$ -	\$ -	#DIV/0!	\$ 8,036		\$ 0.15	\$ 0.15	\$ 0.15
2021	\$ -	\$ -	#DIV/0!	\$ 6,803		\$ 0.14	\$ 0.14	\$ 0.14
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00	2.00	123,497	1.39	2.77	0.3415	1,165.60	0.4730
2017	2.00	2.00	122,832	1.45	2.90	0.3397	1,159.32	0.4922
2018	2.00	2.00	130,326	1.39	2.79	0.3604	1,230.05	0.5024
2019	2.00	2.00	139,801	1.23	2.47	0.3866	1,319.48	0.4767
2020	2.00	2.00	109,413	1.19	2.38	0.3026	1,032.67	0.3595
2021	2.00	2.00	96,287	1.15	2.30	0.2663	908.78	0.3067



DOC-Lincoln Hills		Own Well/Lake=	Yes	Vendor =	Own Well & Sewer			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	249,792	-	11,249	11,249		45.03	45.03	\$ 0.01
2017	249,792	-	10,186	10,186		40.78	40.78	\$ 0.01
2018	249,792	-	9,738	9,738		38.99	38.99	\$ 0.01
2019	249,792	-	12,731	12,731		50.96	50.96	\$ 0.01
2020	249,792	-	9,985	9,985		39.97	39.97	\$ 0.01
2021	249,792	-	18,357	18,357		73.49	73.49	\$ 0.01
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ -	#DIV/0!	\$ 1,624		\$ 0.14	\$ 0.14	\$ 0.14
2017	\$ -	\$ -	#DIV/0!	\$ 1,430		\$ 0.14	\$ 0.14	\$ 0.14
2018	\$ -	\$ -	#DIV/0!	\$ 1,373		\$ 0.14	\$ 0.14	\$ 0.14
2019	\$ -	\$ -	#DIV/0!	\$ 1,698		\$ 0.13	\$ 0.13	\$ 0.13
2020	\$ -	\$ -	#DIV/0!	\$ 1,325		\$ 0.13	\$ 0.13	\$ 0.13
2021	\$ -	\$ -	#DIV/0!	\$ 2,461		\$ 0.13	\$ 0.13	\$ 0.13
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00	2.00	22,498	1.39	2.77	0.0901	307.40	0.1247
2017	2.00	2.00	20,372	1.45	2.90	0.0816	278.34	0.1182
2018	2.00	2.00	19,476	1.39	2.79	0.0780	266.11	0.1087
2019	2.00	2.00	25,461	1.23	2.47	0.1019	347.89	0.1257
2020	2.00	2.00	19,969	1.19	2.38	0.0799	272.85	0.0950
2021	2.00	2.00	36,715	1.15	2.30	0.1470	501.65	0.1693





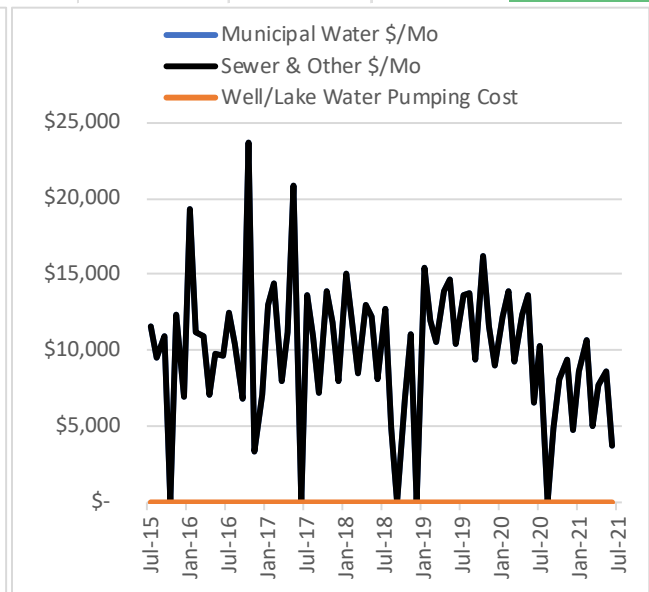
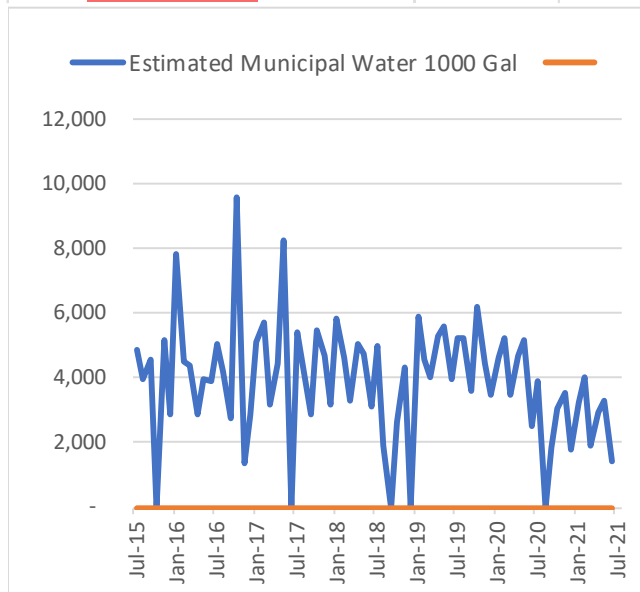
DOC-Milwaukee Secure		Own Well/Lake=	Yes	Vendor =	Milwaukee Water Works			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	413,011	48,990	-	48,990	118.62		118.62	\$ 0.87
2017	413,011	52,708	-	52,708	127.62		127.62	\$ 0.96
2018	413,011	52,641	-	52,641	127.46		127.46	\$ 0.97
2019	413,011	43,268	-	43,268	104.76		104.76	\$ 0.82
2020	413,011	53,867	-	53,867	130.43		130.43	\$ 1.03
2021	413,011	30,981	-	30,981	75.01		75.01	\$ 0.59

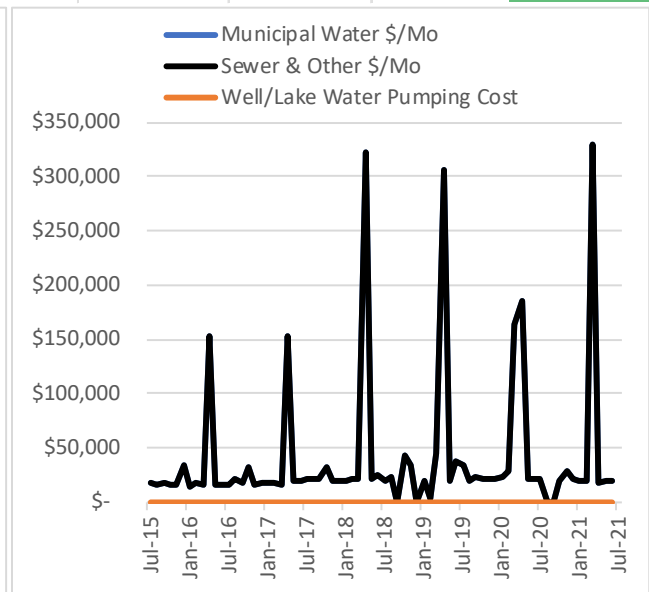
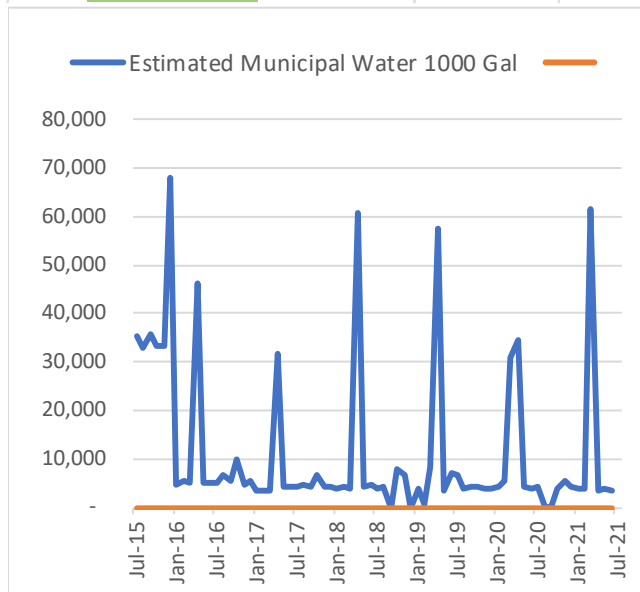
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 119,236	\$ 238,472	50.0%	\$ -	\$ 2.43		\$ 2.43	\$ 7.30
2017	\$ 131,493	\$ 262,986	50.0%	\$ -	\$ 2.49		\$ 2.49	\$ 7.48
2018	\$ 134,138	\$ 268,276	50.0%	\$ -	\$ 2.55		\$ 2.55	\$ 7.64
2019	\$ 112,507	\$ 225,014	50.0%	\$ -	\$ 2.60		\$ 2.60	\$ 7.80
2020	\$ 141,435	\$ 282,870	50.0%	\$ -	\$ 2.63		\$ 2.63	\$ 7.88
2021	\$ 81,650	\$ 163,299	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.91

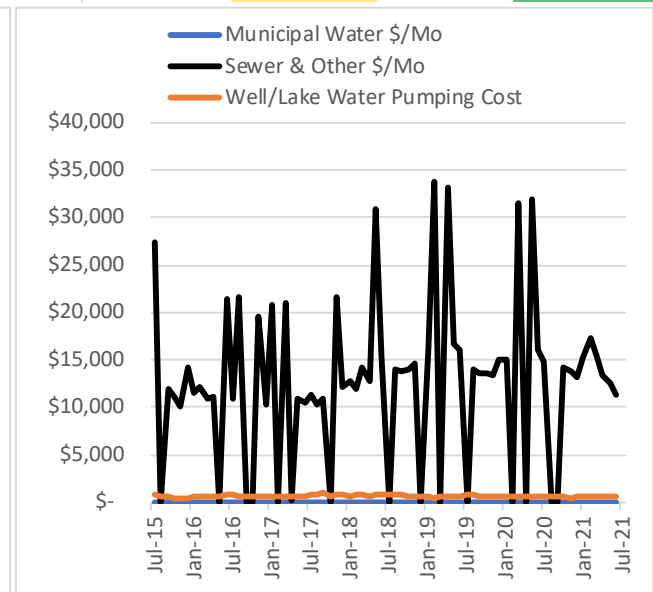
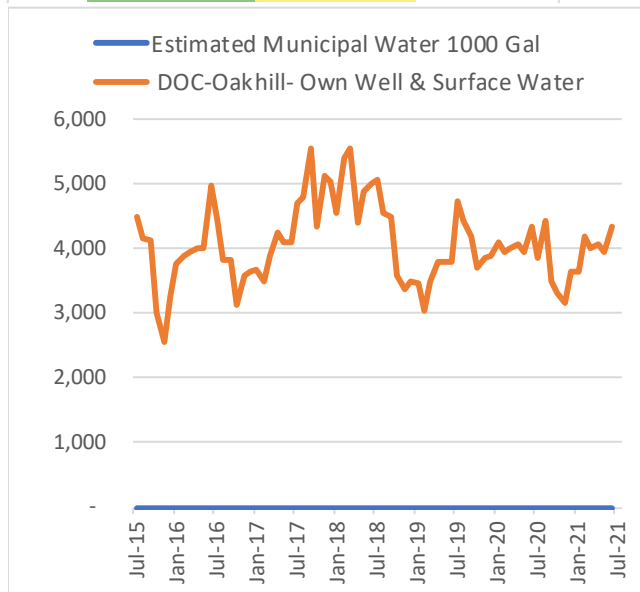
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.78		-	1.39	2.47			0.2924
2017	1.83		-	1.45	2.65			0.3383
2018	1.77		-	1.39	2.46			0.3142
2019	1.73		-	1.23	2.13			0.2232
2020	1.86		-	1.19	2.20			0.2875
2021	1.89		-	1.15	2.17			0.1630



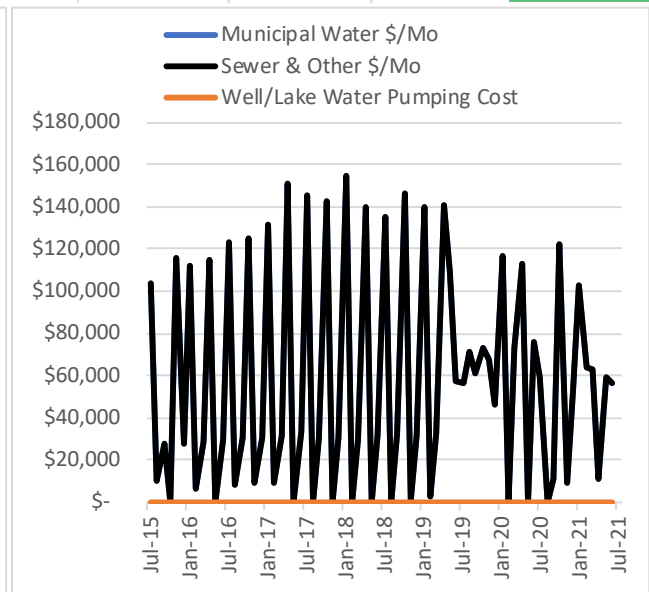
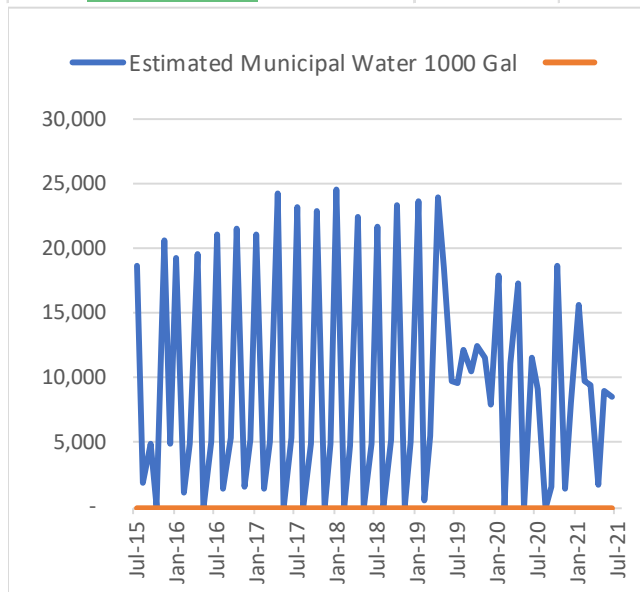
DOC-New Lisbon		Own Well/Lake=	Yes	Vendor =	City of New Lisbon Electric and Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	316,878	310,060	-	310,060	978.48		978.48	\$ 3.34
2017	316,878	87,714	-	87,714	276.81		276.81	\$ 3.48
2018	316,878	110,191	-	110,191	347.74		347.74	\$ 5.42
2019	316,878	103,426	-	103,426	326.39		326.39	\$ 5.21
2020	316,878	110,156	-	110,156	347.63		347.63	\$ 5.55
2021	316,878	97,326	-	97,326	307.14		307.14	\$ 4.94
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 353,273	\$ 706,546	50.0%	\$ -	\$ 1.14		\$ 1.14	\$ 3.42
2017	\$ 367,990	\$ 735,981	50.0%	\$ -	\$ 4.20		\$ 4.20	\$ 12.59
2018	\$ 572,029	\$ 1,144,057	50.0%	\$ -	\$ 5.19		\$ 5.19	\$ 15.57
2019	\$ 549,957	\$ 1,099,915	50.0%	\$ -	\$ 5.32		\$ 5.32	\$ 15.95
2020	\$ 586,695	\$ 1,173,390	50.0%	\$ -	\$ 5.33		\$ 5.33	\$ 15.98
2021	\$ 521,437	\$ 1,042,874	50.0%	\$ -	\$ 5.36		\$ 5.36	\$ 16.07
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.50		-	1.39	2.08			2.0334
2017	1.65		-	1.45	2.40			0.6632
2018	1.72		-	1.39	2.40			0.8358
2019	1.65		-	1.23	2.03			0.6630
2020	1.73		-	1.19	2.05			0.7126
2021	1.56		-	1.15	1.79			0.5501



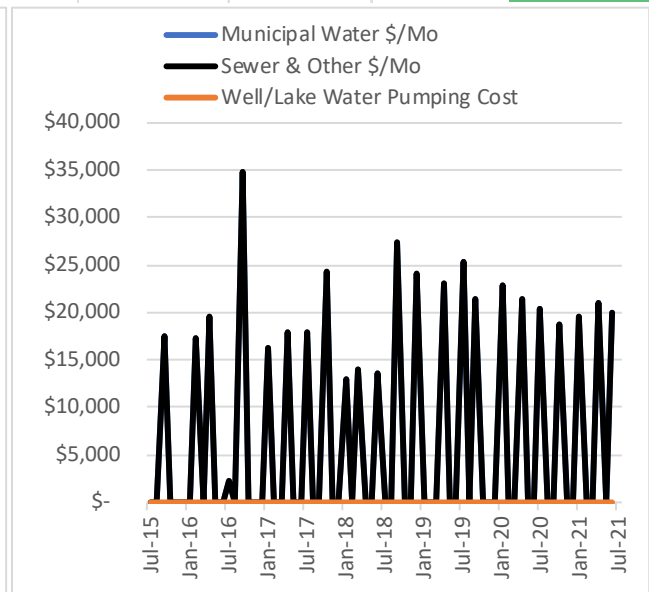
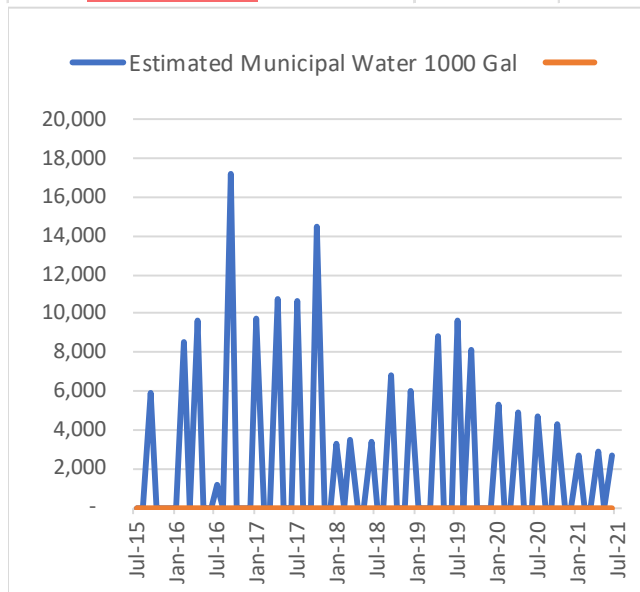
DOC-Oakhill		Own Well/Lake=	Yes	Vendor =	Oregon Municipal Water And Sewer Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	348,153	-	46,201	46,201		132.70	132.70	\$ 0.43
2017	348,153	-	46,039	46,039		132.24	132.24	\$ 0.38
2018	348,153	-	59,396	59,396		170.60	170.60	\$ 0.50
2019	348,153	-	46,012	46,012		132.16	132.16	\$ 0.52
2020	348,153	-	49,264	49,264		141.50	141.50	\$ 0.49
2021	348,153	-	46,193	46,193		132.68	132.68	\$ 0.43
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ 141,539	0.0%	\$ 7,468		\$ 0.16	\$ 0.16	\$ 3.23
2017	\$ -	\$ 125,821	0.0%	\$ 7,693		\$ 0.17	\$ 0.17	\$ 2.90
2018	\$ -	\$ 164,308	0.0%	\$ 9,722		\$ 0.16	\$ 0.16	\$ 2.93
2019	\$ -	\$ 172,358	0.0%	\$ 7,566		\$ 0.16	\$ 0.16	\$ 3.91
2020	\$ -	\$ 164,081	0.0%	\$ 7,902		\$ 0.16	\$ 0.16	\$ 3.49
2021	\$ -	\$ 141,223	0.0%	\$ 7,359		\$ 0.16	\$ 0.16	\$ 3.22
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.80	2.00	92,402	1.39	2.77	0.2654	905.83	0.3676
2017	2.45	2.00	92,078	1.45	2.90	0.2645	902.65	0.3832
2018	1.81	2.00	118,791	1.39	2.79	0.3412	1,164.53	0.4756
2019	2.04	2.00	92,024	1.23	2.47	0.2643	902.12	0.3259
2020	1.87	2.00	98,528	1.19	2.38	0.2830	965.89	0.3362
2021	1.85	2.00	92,386	1.15	2.30	0.2654	905.68	0.3056



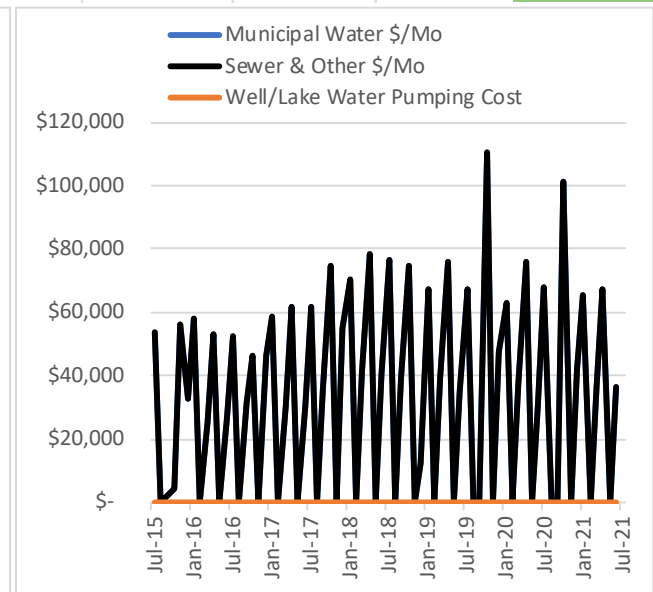
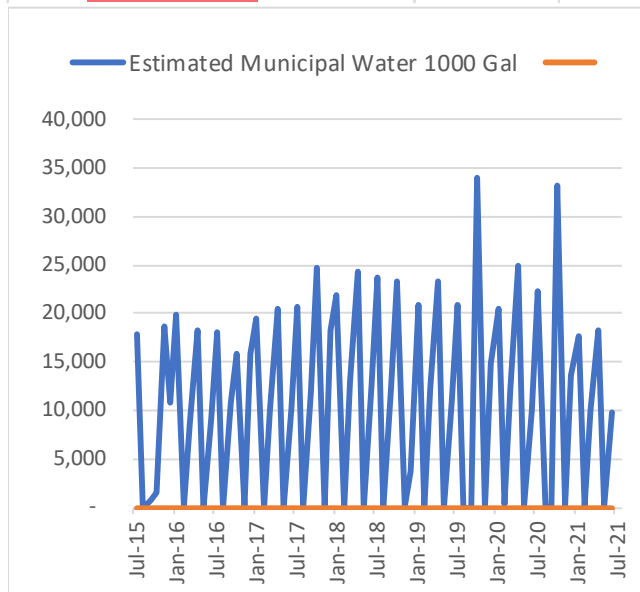
DOC-Oshkosh		Own Well/Lake=	Yes	Vendor =	City of Oshkosh Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	890,187	101,273	-	101,273	113.77		113.77	\$ 1.94
2017	890,187	113,492	-	113,492	127.49		127.49	\$ 2.31
2018	890,187	112,908	-	112,908	126.84		126.84	\$ 2.38
2019	890,187	137,364	-	137,364	154.31		154.31	\$ 2.79
2020	890,187	122,281	-	122,281	137.37		137.37	\$ 2.55
2021	890,187	93,115	-	93,115	104.60		104.60	\$ 2.06
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 576,756	\$ 1,153,512	50.0%	\$ -	\$ 5.70		\$ 5.70	\$ 17.09
2017	\$ 684,139	\$ 1,368,278	50.0%	\$ -	\$ 6.03		\$ 6.03	\$ 18.08
2018	\$ 704,910	\$ 1,409,820	50.0%	\$ -	\$ 6.24		\$ 6.24	\$ 18.73
2019	\$ 828,865	\$ 1,657,730	50.0%	\$ -	\$ 6.03		\$ 6.03	\$ 18.10
2020	\$ 757,281	\$ 1,514,562	50.0%	\$ -	\$ 6.19		\$ 6.19	\$ 18.58
2021	\$ 610,965	\$ 1,221,929	50.0%	\$ -	\$ 6.56		\$ 6.56	\$ 19.68
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.92		-	1.39	2.67			0.3033
2017	1.81		-	1.45	2.63			0.3352
2018	1.83		-	1.39	2.56			0.3243
2019	1.74		-	1.23	2.14			0.3307
2020	1.80		-	1.19	2.14			0.2939
2021	1.74		-	1.15	2.00			0.2095



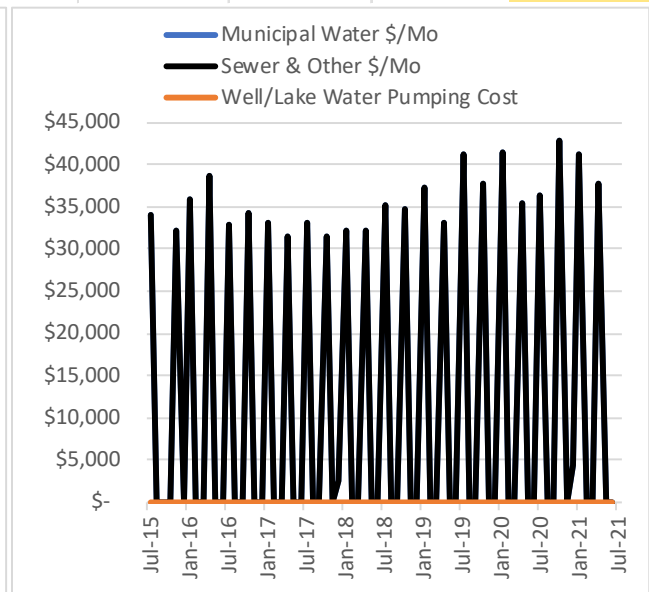
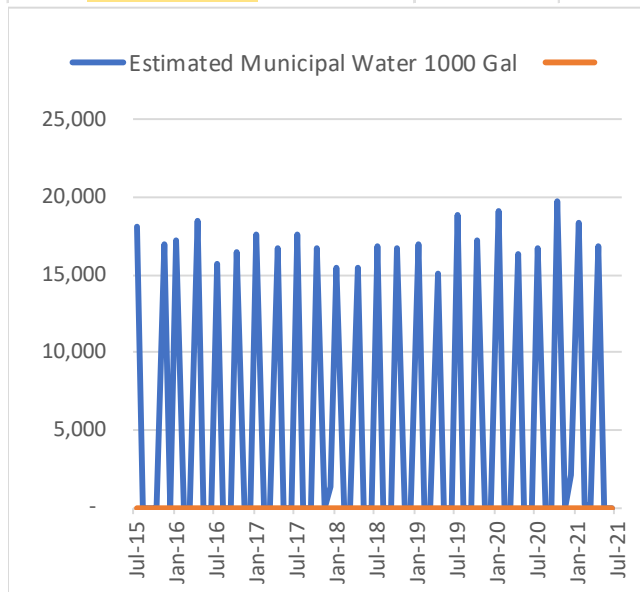
DOC-Prairie du Chien		Own Well/Lake=	Yes	Vendor =	Bridgeport Sanitary Dist				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	383,100	24,135	-	24,135	63.00		63.00	\$ 0.42	
2017	383,100	38,759	-	38,759	101.17		101.17	\$ 0.56	
2018	383,100	35,233	-	35,233	91.97		91.97	\$ 0.65	
2019	383,100	21,669	-	21,669	56.56		56.56	\$ 0.58	
2020	383,100	27,976	-	27,976	73.03		73.03	\$ 0.71	
2021	383,100	17,180	-	17,180	44.84		44.84	\$ 0.78	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ 54,176	\$ 108,351	50.0%	\$ -	\$ 2.24		\$ 2.24	\$ 6.73	
2017	\$ 71,204	\$ 142,409	50.0%	\$ -	\$ 1.84		\$ 1.84	\$ 5.51	
2018	\$ 82,590	\$ 165,181	50.0%	\$ -	\$ 2.34		\$ 2.34	\$ 7.03	
2019	\$ 74,624	\$ 149,248	50.0%	\$ -	\$ 3.44		\$ 3.44	\$ 10.33	
2020	\$ 90,975	\$ 181,950	50.0%	\$ -	\$ 3.25		\$ 3.25	\$ 9.76	
2021	\$ 99,614	\$ 199,227	50.0%	\$ -	\$ 5.80		\$ 5.80	\$ 17.39	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	2.00		-	1.39	2.77			0.1745	
2017	2.00		-	1.45	2.90			0.2932	
2018	2.00		-	1.39	2.79			0.2564	
2019	2.00		-	1.23	2.47			0.1395	
2020	2.00		-	1.19	2.38			0.1735	
2021	2.00		-	1.15	2.30			0.1033	



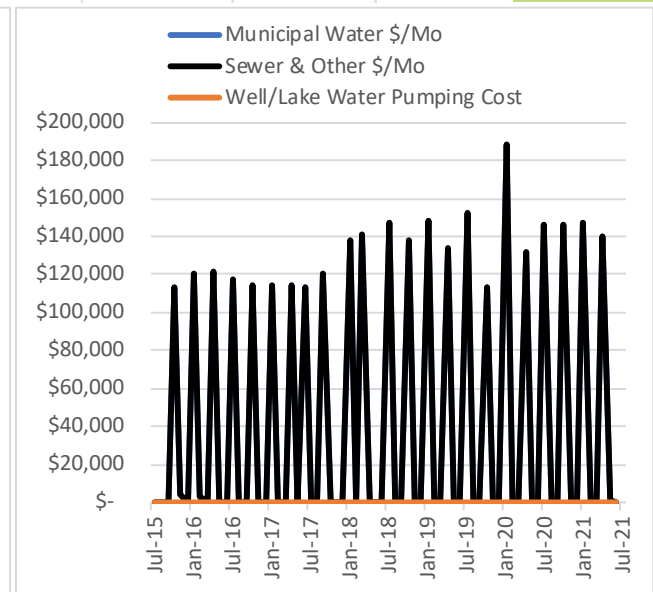
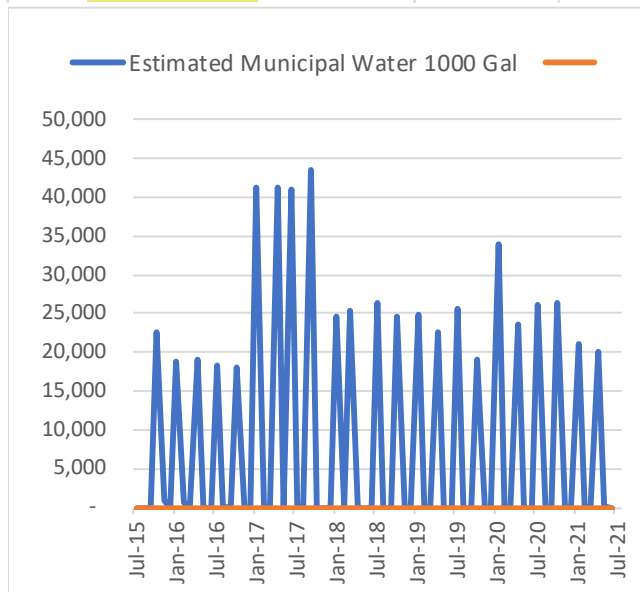
DOC-Racine-Sturtevant		Own Well/Lake=	Yes	Vendor =	Racine Water Works Commission				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	710,055	105,651	-	105,651	148.79		148.79	\$ 1.32	
2017	710,055	120,858	-	120,858	170.21		170.21	\$ 1.51	
2018	710,055	147,706	-	147,706	208.02		208.02	\$ 1.94	
2019	710,055	130,415	-	130,415	183.67		183.67	\$ 1.78	
2020	710,055	137,728	-	137,728	193.97		193.97	\$ 1.83	
2021	710,055	124,925	-	124,925	175.94		175.94	\$ 1.76	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ 313,313	\$ 626,626	50.0%	\$ -	\$ 2.97		\$ 2.97	\$ 8.90	
2017	\$ 357,484	\$ 714,968	50.0%	\$ -	\$ 2.96		\$ 2.96	\$ 8.87	
2018	\$ 459,295	\$ 918,589	50.0%	\$ -	\$ 3.11		\$ 3.11	\$ 9.33	
2019	\$ 421,643	\$ 843,286	50.0%	\$ -	\$ 3.23		\$ 3.23	\$ 9.70	
2020	\$ 433,790	\$ 867,581	50.0%	\$ -	\$ 3.15		\$ 3.15	\$ 9.45	
2021	\$ 417,248	\$ 834,495	50.0%	\$ -	\$ 3.34		\$ 3.34	\$ 10.02	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	1.58		-	1.39	2.19			0.3254	
2017	1.59		-	1.45	2.30			0.3911	
2018	1.57		-	1.39	2.19			0.4551	
2019	1.64		-	1.23	2.03			0.3723	
2020	1.64		-	1.19	1.95			0.3788	
2021	1.68		-	1.15	1.94			0.3407	



DOC-Redgranite		Own Well/Lake=	Yes	Vendor =	Redgranite Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	310,135	70,754	-	70,754	228.14		228.14	\$ 1.36
2017	310,135	66,501	-	66,501	214.43		214.43	\$ 1.28
2018	310,135	66,504	-	66,504	214.43		214.43	\$ 1.27
2019	310,135	65,751	-	65,751	212.01		212.01	\$ 1.36
2020	310,135	71,417	-	71,417	230.28		230.28	\$ 1.51
2021	310,135	73,896	-	73,896	238.27		238.27	\$ 1.58
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 140,894	\$ 281,789	50.0%	\$ -	\$ 1.99		\$ 1.99	\$ 5.97
2017	\$ 131,942	\$ 263,884	50.0%	\$ -	\$ 1.98		\$ 1.98	\$ 5.95
2018	\$ 131,454	\$ 262,908	50.0%	\$ -	\$ 1.98		\$ 1.98	\$ 5.93
2019	\$ 140,470	\$ 280,939	50.0%	\$ -	\$ 2.14		\$ 2.14	\$ 6.41
2020	\$ 155,831	\$ 311,661	50.0%	\$ -	\$ 2.18		\$ 2.18	\$ 6.55
2021	\$ 162,893	\$ 325,785	50.0%	\$ -	\$ 2.20		\$ 2.20	\$ 6.61
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.6319
2017	1.63		-	1.45	2.36			0.5051
2018	1.23		-	1.39	1.72			0.3690
2019	1.12		-	1.23	1.38			0.2916
2020	1.51		-	1.19	1.80			0.4141
2021	1.57		-	1.15	1.81			0.4319

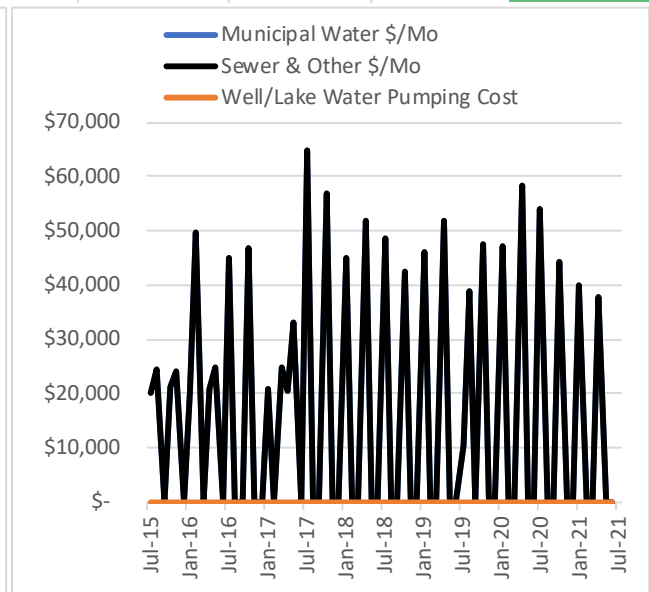
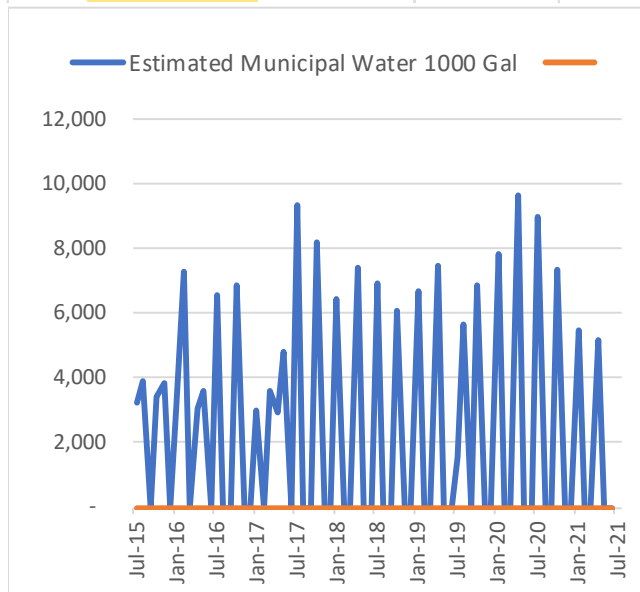


DOC-Stanley		Own Well/Lake=	Yes	Vendor =	Stanley Municipal Waterworks			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	411,897	61,747	-	61,747	149.91		149.91	\$ 2.64
2017	411,897	159,748	-	159,748	387.83		387.83	\$ 4.18
2018	411,897	93,541	-	93,541	227.10		227.10	\$ 2.92
2019	411,897	98,487	-	98,487	239.10		239.10	\$ 4.14
2020	411,897	102,144	-	102,144	247.99		247.99	\$ 4.27
2021	411,897	94,039	-	94,039	228.31		228.31	\$ 4.24
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 362,240	\$ 724,479	50.0%	\$ -	\$ 5.87		\$ 5.87	\$ 17.60
2017	\$ 573,648	\$ 1,147,297	50.0%	\$ -	\$ 3.59		\$ 3.59	\$ 10.77
2018	\$ 400,398	\$ 800,796	50.0%	\$ -	\$ 4.28		\$ 4.28	\$ 12.84
2019	\$ 567,990	\$ 1,135,980	50.0%	\$ -	\$ 5.77		\$ 5.77	\$ 17.30
2020	\$ 586,233	\$ 1,172,465	50.0%	\$ -	\$ 5.74		\$ 5.74	\$ 17.22
2021	\$ 581,597	\$ 1,163,195	50.0%	\$ -	\$ 6.18		\$ 6.18	\$ 18.55
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.26		-	1.39	1.74			0.2608
2017	1.30		-	1.45	1.89			0.7322
2018	1.44		-	1.39	2.01			0.4554
2019	1.35		-	1.23	1.67			0.3986
2020	1.31		-	1.19	1.56			0.3859
2021	1.30		-	1.15	1.50			0.3424





DOC-Taycheedah		Own Well/Lake=	Yes	Vendor =	Fond Du Lac Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	380,940	31,342	-	31,342	82.27		82.27	\$ 1.62
2017	380,940	27,796	-	27,796	72.97		72.97	\$ 1.51
2018	380,940	31,462	-	31,462	82.59		82.59	\$ 1.72
2019	380,940	27,244	-	27,244	71.52		71.52	\$ 1.49
2020	380,940	31,582	-	31,582	82.90		82.90	\$ 1.60
2021	380,940	27,054	-	27,054	71.02		71.02	\$ 1.39
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 206,138	\$ 412,276	50.0%	\$ -	\$ 6.58		\$ 6.58	\$ 19.73
2017	\$ 191,314	\$ 382,628	50.0%	\$ -	\$ 6.88		\$ 6.88	\$ 20.65
2018	\$ 218,673	\$ 437,346	50.0%	\$ -	\$ 6.95		\$ 6.95	\$ 20.85
2019	\$ 189,199	\$ 378,397	50.0%	\$ -	\$ 6.94		\$ 6.94	\$ 20.83
2020	\$ 202,743	\$ 405,486	50.0%	\$ -	\$ 6.42		\$ 6.42	\$ 19.26
2021	\$ 176,585	\$ 353,169	50.0%	\$ -	\$ 6.53		\$ 6.53	\$ 19.58
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.96		-	1.39	4.09			0.3368
2017	3.75		-	1.45	5.44			0.3966
2018	4.41		-	1.39	6.14			0.5073
2019	3.67		-	1.23	4.52			0.3236
2020	3.81		-	1.19	4.52			0.3749
2021	3.80		-	1.15	4.38			0.3110



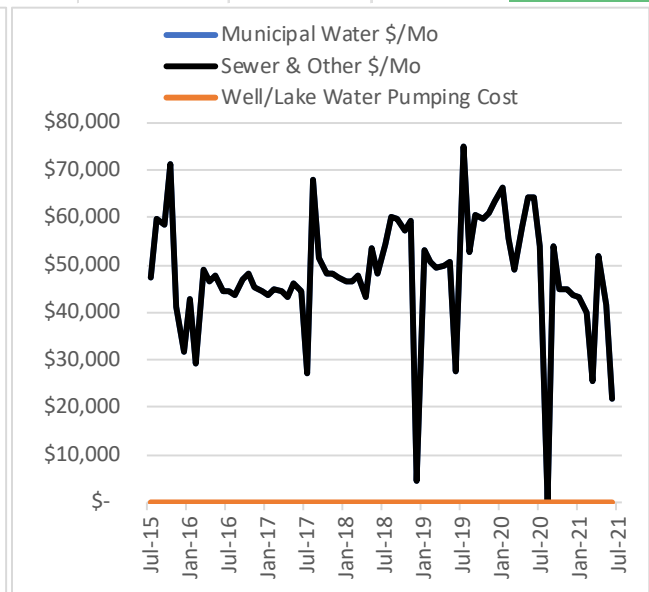
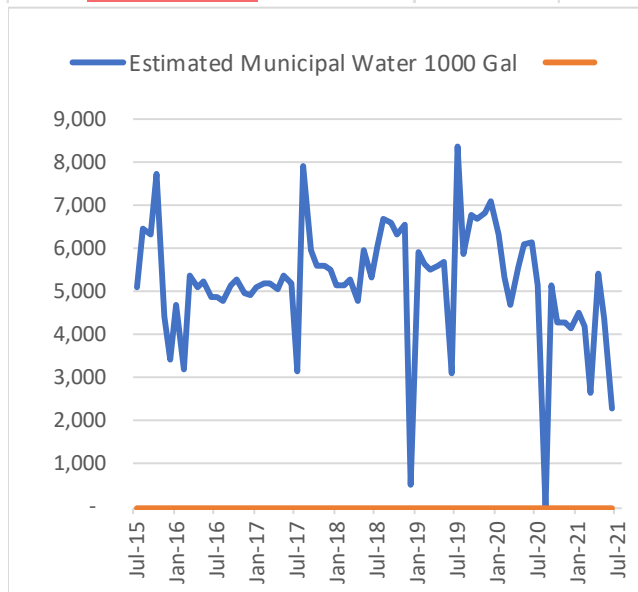
DOC-Waupun		Own Well/Lake=	Yes	Vendor =	Waupun Public Utilities			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,260,274	62,117	-	62,117	49.29		49.29	\$ 1.36
2017	1,260,274	61,226	-	61,226	48.58		48.58	\$ 1.29
2018	1,260,274	65,573	-	65,573	52.03		52.03	\$ 1.37
2019	1,260,274	64,277	-	64,277	51.00		51.00	\$ 1.37
2020	1,260,274	75,902	-	75,902	60.23		60.23	\$ 1.74
2021	1,260,274	46,548	-	46,548	36.93		36.93	\$ 1.11

Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 569,496	\$ 1,138,991	50.0%	\$ -	\$ 9.17		\$ 9.17	\$ 27.50
2017	\$ 540,413	\$ 1,080,827	50.0%	\$ -	\$ 8.83		\$ 8.83	\$ 26.48
2018	\$ 576,149	\$ 1,152,297	50.0%	\$ -	\$ 8.79		\$ 8.79	\$ 26.36
2019	\$ 576,911	\$ 1,153,823	50.0%	\$ -	\$ 8.98		\$ 8.98	\$ 26.93
2020	\$ 729,617	\$ 1,459,235	50.0%	\$ -	\$ 9.61		\$ 9.61	\$ 28.84
2021	\$ 465,526	\$ 931,053	50.0%	\$ -	\$ 10.00		\$ 10.00	\$ 30.00

Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	5.25		-	1.39	7.27			0.3585
2017	5.46		-	1.45	7.91			0.3841
2018	5.44		-	1.39	7.58			0.3946
2019	5.35		-	1.23	6.60			0.3366
2020	5.58		-	1.19	6.63			0.3992
2021	5.61		-	1.15	6.46			0.2388



# Department of Health Services



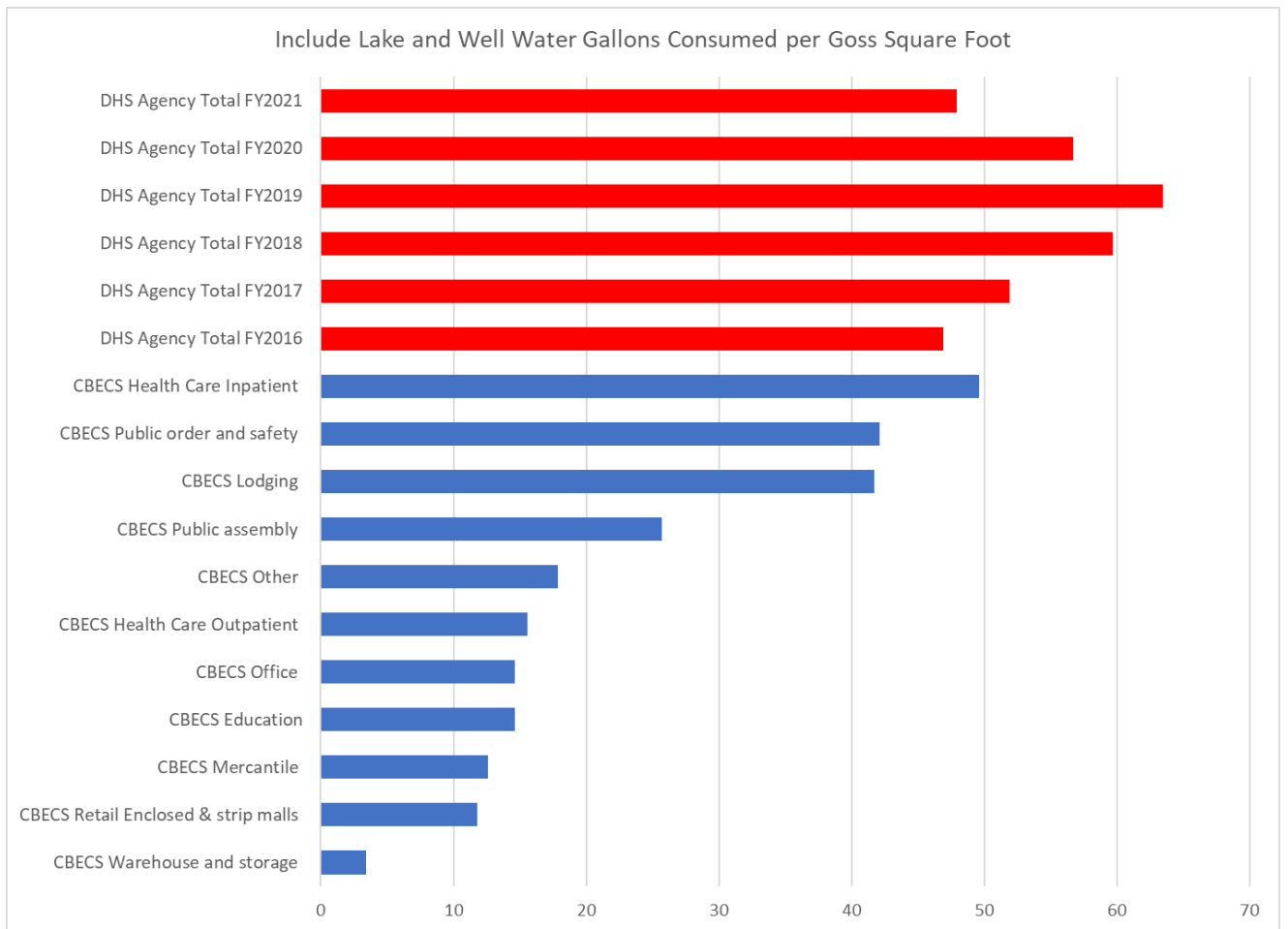
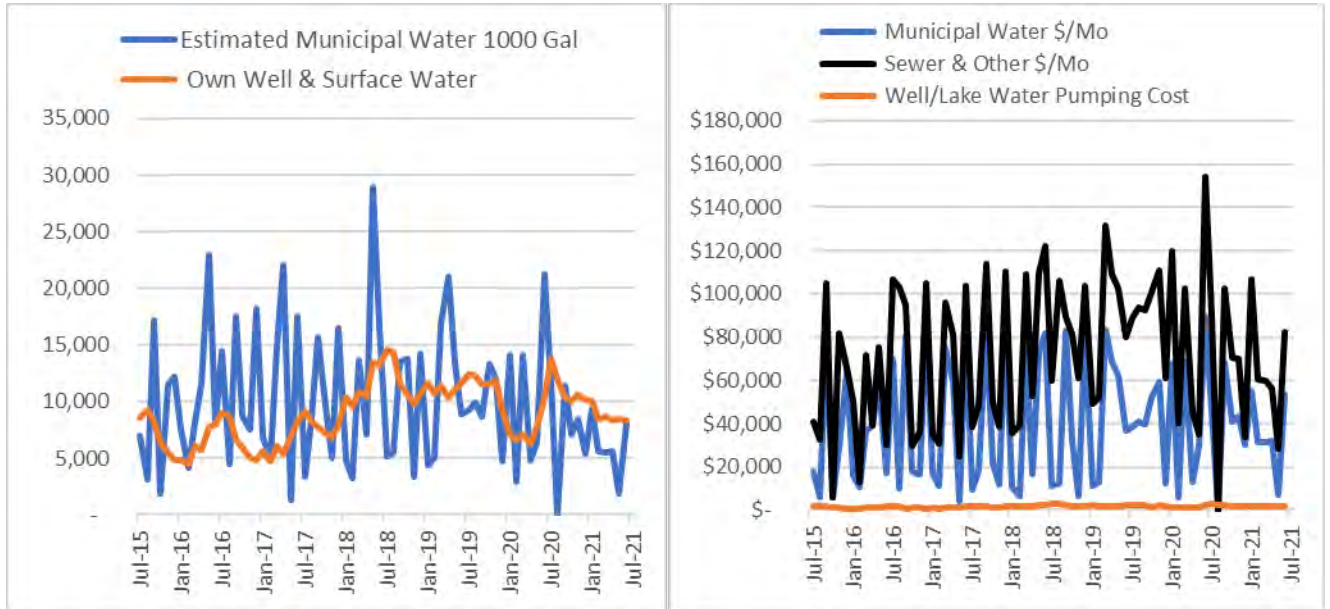
WISCONSIN DEPARTMENT  
of HEALTH SERVICES

## SCOPE

Includes five facilities:

1. Mendota Complex - Mendota Mental Health Institute and Center Wisconsin Center;
2. Northern Center and Chippewa Valley CTF (DOC);
3. Sand Ridge Center;
4. Southern Center - Southern Oaks Girls School (DOC), Ellsworth Correctional Center (DOC), and facilities now operated by Department of Veterans Affairs; and
5. Winnebago Complex - Winnebago Mental Health Institute and Wisconsin Resources Center.

DHS Agency Total		Own Well/Lake= Yes		Include Lake and Well Water				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	4,159,400	115,101	79,996	195,097	27.67	19.23	46.91	\$ 0.33
2017	4,159,400	138,612	77,353	215,966	33.33	18.60	51.92	\$ 0.46
2018	4,159,400	133,212	115,147	248,360	32.03	27.68	59.71	\$ 0.45
2019	4,159,400	125,479	138,619	264,098	30.17	33.33	63.49	\$ 0.49
2020	4,159,400	121,694	114,293	235,986	29.26	27.48	56.74	\$ 0.51
2021	4,159,400	80,210	119,212	199,421	19.28	28.66	47.94	\$ 0.40
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 378,687	\$ 990,666	38.2%	\$ 14,746	\$ 3.29	\$ 0.18	\$ 3.47	\$ 7.09
2017	\$ 526,914	\$ 1,374,007	38.3%	\$ 13,683	\$ 3.80	\$ 0.18	\$ 3.98	\$ 8.87
2018	\$ 492,182	\$ 1,360,056	36.2%	\$ 21,197	\$ 3.69	\$ 0.18	\$ 3.88	\$ 7.54
2019	\$ 502,549	\$ 1,528,857	32.9%	\$ 25,256	\$ 4.01	\$ 0.18	\$ 4.19	\$ 7.79
2020	\$ 517,863	\$ 1,563,188	33.1%	\$ 20,272	\$ 4.26	\$ 0.18	\$ 4.43	\$ 8.90
2021	\$ 438,351	\$ 1,199,536	36.5%	\$ 23,154	\$ 5.47	\$ 0.19	\$ 5.66	\$ 8.33
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.62	2.00	159,992	1.39	2.46	0.0385	131.28	0.1153
2017	1.69	2.00	154,707	1.45	2.61	0.0372	126.94	0.1354
2018	1.69	2.00	230,295	1.39	2.56	0.0554	188.97	0.1528
2019	1.70	2.00	277,238	1.23	2.29	0.0667	227.49	0.1454
2020	1.69	2.00	228,585	1.19	2.18	0.0550	187.57	0.1239
2021	1.68	2.00	238,424	1.15	2.16	0.0573	195.64	0.1034



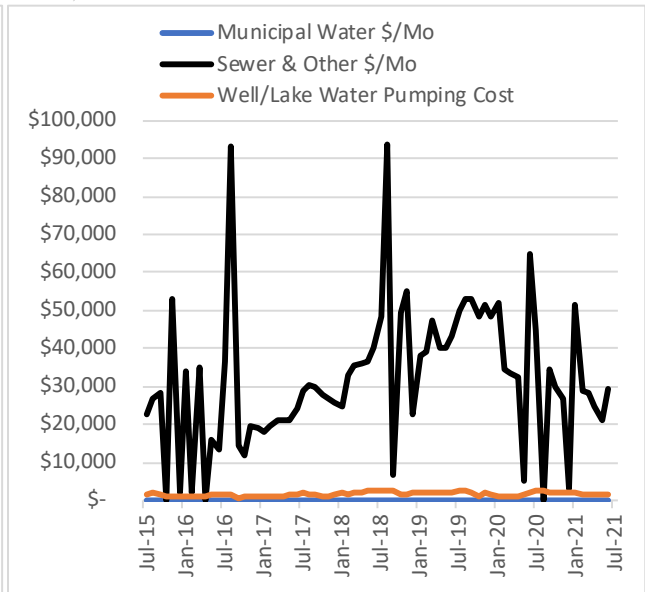
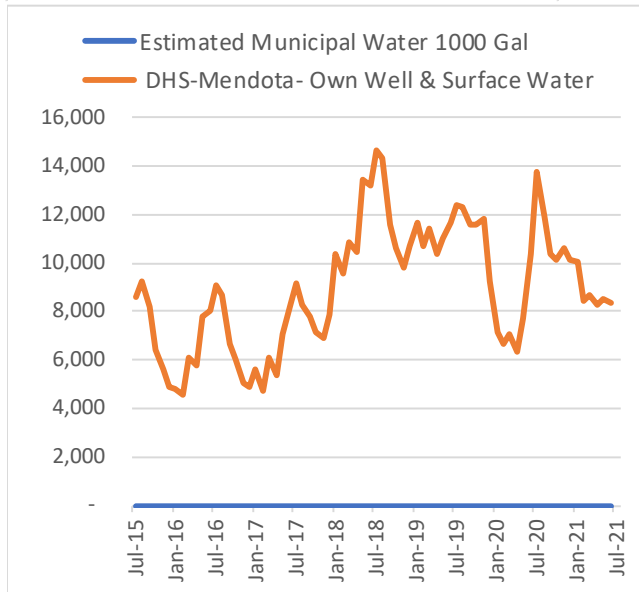
DHS-Mendota		Own Well/Lake=	Yes	Vendor =	Own Well			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,320,211	-	79,996	79,996		60.59	60.59	\$ 0.19
2017	1,320,211	-	77,353	77,353		58.59	58.59	\$ 0.25
2018	1,320,211	-	115,147	115,147		87.22	87.22	\$ 0.30
2019	1,320,211	-	138,619	138,619		105.00	105.00	\$ 0.42
2020	1,320,211	-	114,293	114,293		86.57	86.57	\$ 0.41
2021	1,320,211	-	119,212	119,212		90.30	90.30	\$ 0.26

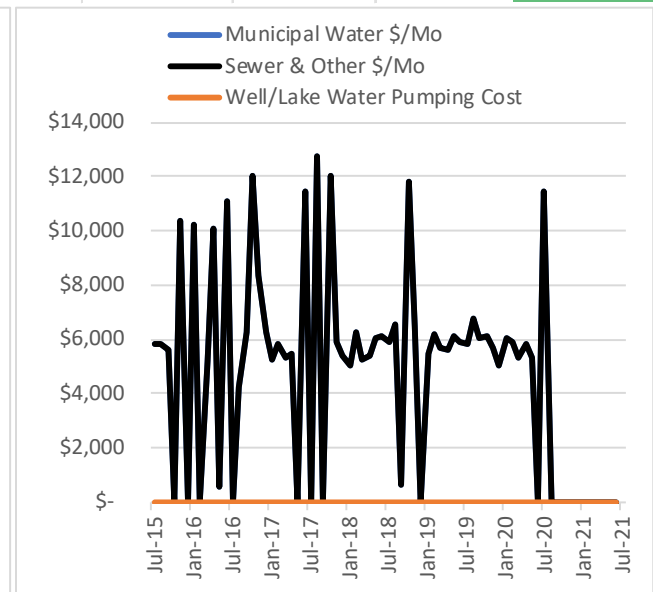
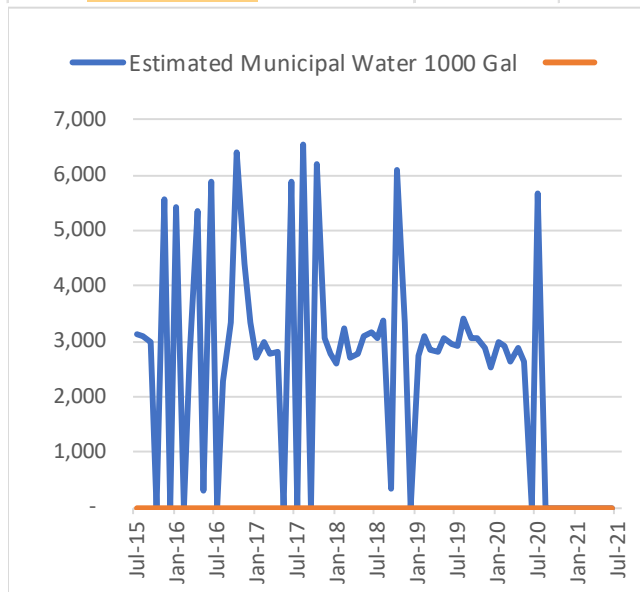
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ 233,293	0.0%	\$ 14,746		\$ 0.18	\$ 0.18	\$ 3.10
2017	\$ -	\$ 320,179	0.0%	\$ 13,683		\$ 0.18	\$ 0.18	\$ 4.32
2018	\$ -	\$ 375,691	0.0%	\$ 21,197		\$ 0.18	\$ 0.18	\$ 3.45
2019	\$ -	\$ 523,759	0.0%	\$ 25,256		\$ 0.18	\$ 0.18	\$ 3.96
2020	\$ -	\$ 527,462	0.0%	\$ 20,272		\$ 0.18	\$ 0.18	\$ 4.79
2021	\$ -	\$ 322,834	0.0%	\$ 23,154		\$ 0.19	\$ 0.19	\$ 2.90

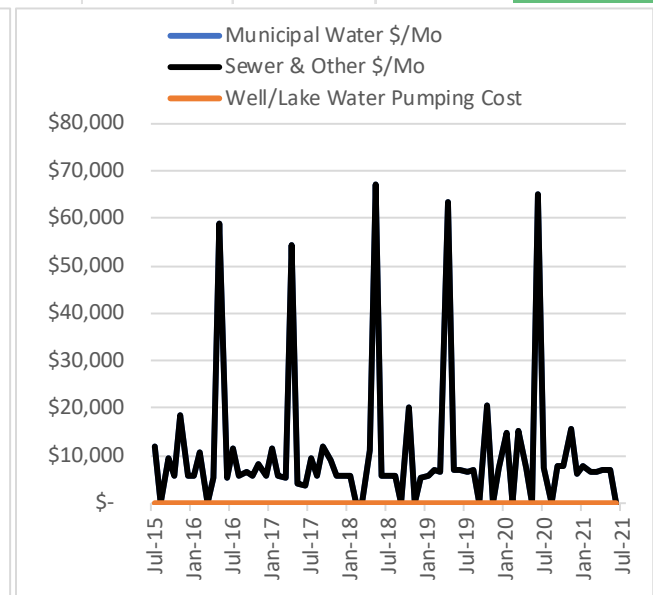
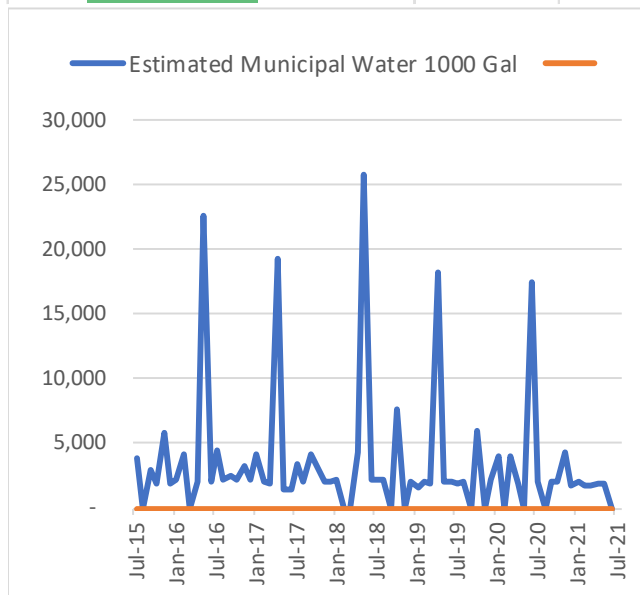
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00	2.00	159,992	1.39	2.77	0.1212	413.61	0.1678
2017	2.00	2.00	154,707	1.45	2.90	0.1172	399.95	0.1698
2018	2.00	2.00	230,295	1.39	2.79	0.1744	595.36	0.2432
2019	2.00	2.00	277,238	1.23	2.47	0.2100	716.71	0.2589
2020	2.00	2.00	228,585	1.19	2.38	0.1731	590.94	0.2057
2021	2.00	2.00	238,424	1.15	2.30	0.1806	616.37	0.2080



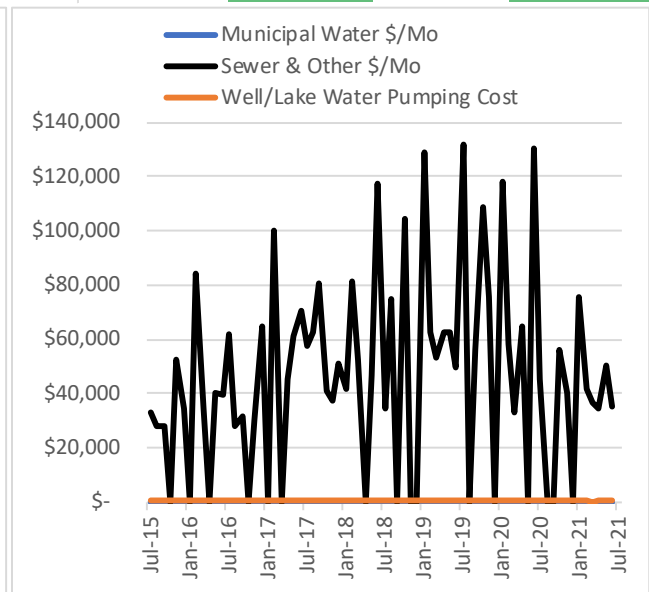
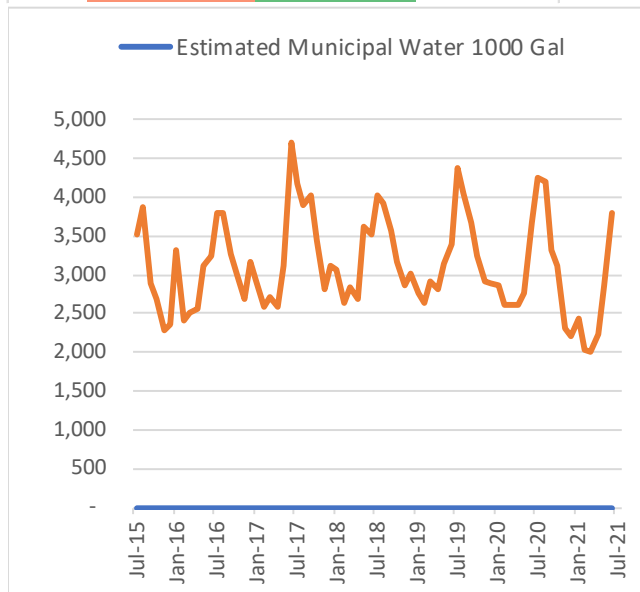
DHS-Northern Center		Own Well/Lake=	Yes	Vendor =	Chippewa Falls Department of Public Utilities				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	523,226	34,460	-	34,460	65.86		65.86	\$ 0.37	
2017	523,226	36,905	-	36,905	70.53		70.53	\$ 0.40	
2018	523,226	36,184	-	36,184	69.16		69.16	\$ 0.40	
2019	523,226	33,662	-	33,662	64.34		64.34	\$ 0.38	
2020	523,226	31,893	-	31,893	60.95		60.95	\$ 0.37	
2021	523,226	5,668	-	5,668	10.83		10.83	\$ 0.07	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ 64,737	\$ 129,474	50.0%	\$ -	\$ 1.88		\$ 1.88	\$ 5.64	
2017	\$ 70,613	\$ 141,225	50.0%	\$ -	\$ 1.91		\$ 1.91	\$ 5.74	
2018	\$ 70,299	\$ 140,597	50.0%	\$ -	\$ 1.94		\$ 1.94	\$ 5.83	
2019	\$ 66,302	\$ 132,605	50.0%	\$ -	\$ 1.97		\$ 1.97	\$ 5.91	
2020	\$ 64,018	\$ 128,037	50.0%	\$ -	\$ 2.01		\$ 2.01	\$ 6.02	
2021	\$ 11,454	\$ 22,909	50.0%	\$ -	\$ 2.02		\$ 2.02	\$ 6.06	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	1.70		-	1.39	2.35			0.1547	
2017	1.77		-	1.45	2.57			0.1814	
2018	1.80		-	1.39	2.52			0.1740	
2019	1.85		-	1.23	2.28			0.1469	
2020	1.90		-	1.19	2.26			0.1375	
2021	1.84		-	1.15	2.12			0.0229	



DHS-Sand Ridge		Own Well/Lake=	Yes	Vendor =	City of Mauston Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	308,828	49,312	-	49,312	159.67		159.67	\$ 1.33
2017	308,828	46,874	-	46,874	151.78		151.78	\$ 1.25
2018	308,828	51,466	-	51,466	166.65		166.65	\$ 1.34
2019	308,828	41,896	-	41,896	135.66		135.66	\$ 1.29
2020	308,828	39,646	-	39,646	128.38		128.38	\$ 1.40
2021	308,828	21,778	-	21,778	70.52		70.52	\$ 0.79
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 136,963	\$ 273,926	50.0%	\$ -	\$ 2.78		\$ 2.78	\$ 8.33
2017	\$ 128,688	\$ 257,376	50.0%	\$ -	\$ 2.75		\$ 2.75	\$ 8.24
2018	\$ 137,444	\$ 274,889	50.0%	\$ -	\$ 2.67		\$ 2.67	\$ 8.01
2019	\$ 133,111	\$ 266,221	50.0%	\$ -	\$ 3.18		\$ 3.18	\$ 9.53
2020	\$ 144,401	\$ 288,803	50.0%	\$ -	\$ 3.64		\$ 3.64	\$ 10.93
2021	\$ 80,887	\$ 161,773	50.0%	\$ -	\$ 3.71		\$ 3.71	\$ 11.14
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.42		-	1.39	1.97			0.3151
2017	1.42		-	1.45	2.06			0.3130
2018	1.55		-	1.39	2.17			0.3610
2019	1.46		-	1.23	1.79			0.2434
2020	1.42		-	1.19	1.69			0.2171
2021	1.42		-	1.15	1.64			0.1154

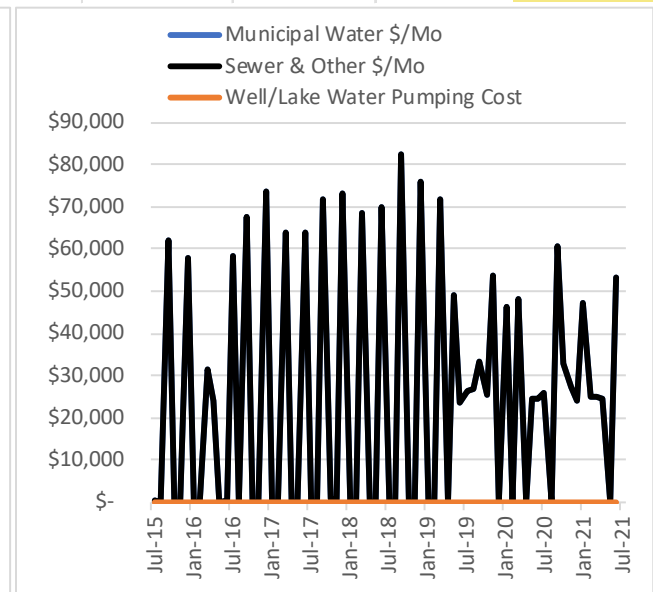
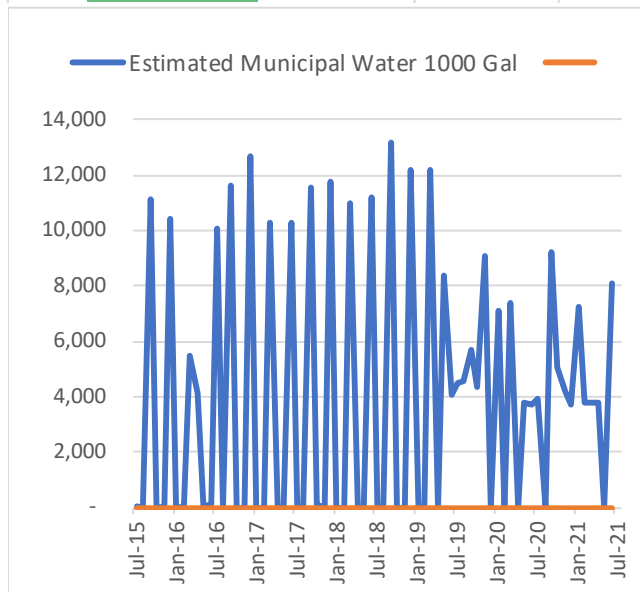


DHS-Southern Center		Own Well/Lake=	Yes	Vendor =	Union Grove Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	1,023,235	-	34,772	34,772		33.98	33.98	\$ 0.37
2017	1,023,235	-	38,362	38,362		37.49	37.49	\$ 0.49
2018	1,023,235	-	39,845	39,845		38.94	38.94	\$ 0.66
2019	1,023,235	-	38,245	38,245		37.38	37.38	\$ 0.63
2020	1,023,235	-	38,285	38,285		37.42	37.42	\$ 0.77
2021	1,023,235	-	34,738	34,738		33.95	33.95	\$ 0.41
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ 375,280	0.0%	\$ 6,252		\$ 0.18	\$ 0.18	\$ 10.97
2017	\$ -	\$ 494,527	0.0%	\$ 6,739		\$ 0.18	\$ 0.18	\$ 13.07
2018	\$ -	\$ 669,762	0.0%	\$ 6,956		\$ 0.17	\$ 0.17	\$ 16.98
2019	\$ -	\$ 634,255	0.0%	\$ 6,689		\$ 0.17	\$ 0.17	\$ 16.76
2020	\$ -	\$ 777,473	0.0%	\$ 6,758		\$ 0.18	\$ 0.18	\$ 20.48
2021	\$ -	\$ 416,868	0.0%	\$ 6,364		\$ 0.18	\$ 0.18	\$ 12.18
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	3.16	2.00	69,544	1.39	2.77	0.0680	231.96	0.0941
2017	3.08	2.00	76,724	1.45	2.90	0.0750	255.91	0.1086
2018	3.30	2.00	79,690	1.39	2.79	0.0779	265.81	0.1086
2019	2.99	2.00	76,490	1.23	2.47	0.0748	255.13	0.0922
2020	3.05	2.00	76,570	1.19	2.38	0.0748	255.40	0.0889
2021	3.05	2.00	69,476	1.15	2.30	0.0679	231.74	0.0782





DHS-Winnebago		Own Well/Lake=	Yes	Vendor =	City of Oshkosh Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	983,900	31,329	-	31,329	31.84		31.84	\$ 0.54
2017	983,900	54,834	-	54,834	55.73		55.73	\$ 1.00
2018	983,900	45,562	-	45,562	46.31		46.31	\$ 0.87
2019	983,900	49,921	-	49,921	50.74		50.74	\$ 0.92
2020	983,900	50,154	-	50,154	50.98		50.98	\$ 0.94
2021	983,900	52,764	-	52,764	53.63		53.63	\$ 1.06
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 176,987	\$ 353,974	50.0%	\$ -	\$ 5.65		\$ 5.65	\$ 16.95
2017	\$ 327,614	\$ 655,228	50.0%	\$ -	\$ 5.97		\$ 5.97	\$ 17.92
2018	\$ 284,439	\$ 568,879	50.0%	\$ -	\$ 6.24		\$ 6.24	\$ 18.73
2019	\$ 303,136	\$ 606,272	50.0%	\$ -	\$ 6.07		\$ 6.07	\$ 18.22
2020	\$ 309,443	\$ 618,886	50.0%	\$ -	\$ 6.17		\$ 6.17	\$ 18.51
2021	\$ 346,010	\$ 692,020	50.0%	\$ -	\$ 6.56		\$ 6.56	\$ 19.67
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.92		-	1.39	2.67			0.0849
2017	1.81		-	1.45	2.63			0.1465
2018	1.83		-	1.39	2.56			0.1184
2019	1.74		-	1.23	2.14			0.1087
2020	1.80		-	1.19	2.14			0.1091
2021	1.74		-	1.15	2.00			0.1074



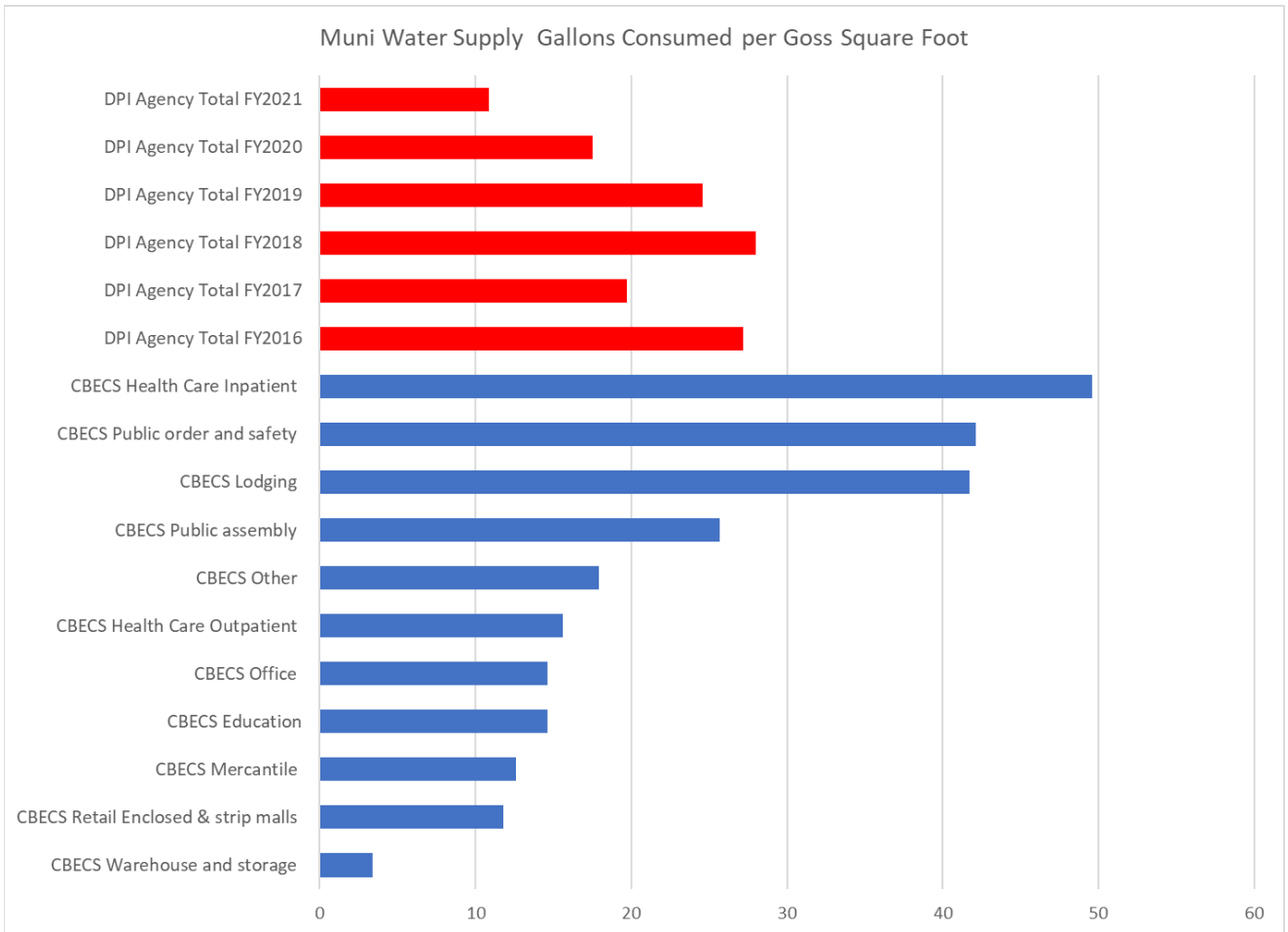
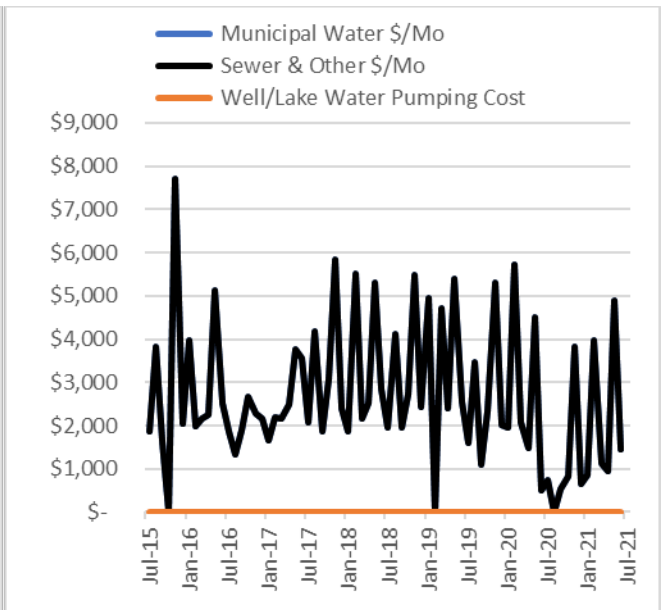
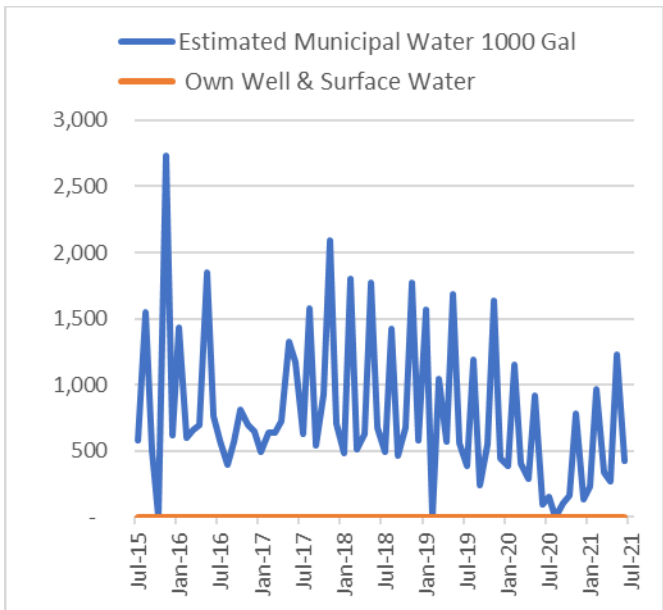
# Department of Public Instruction



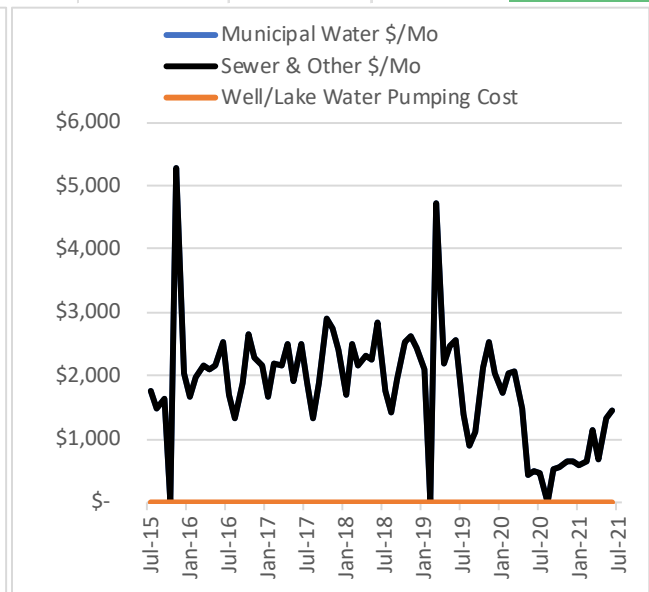
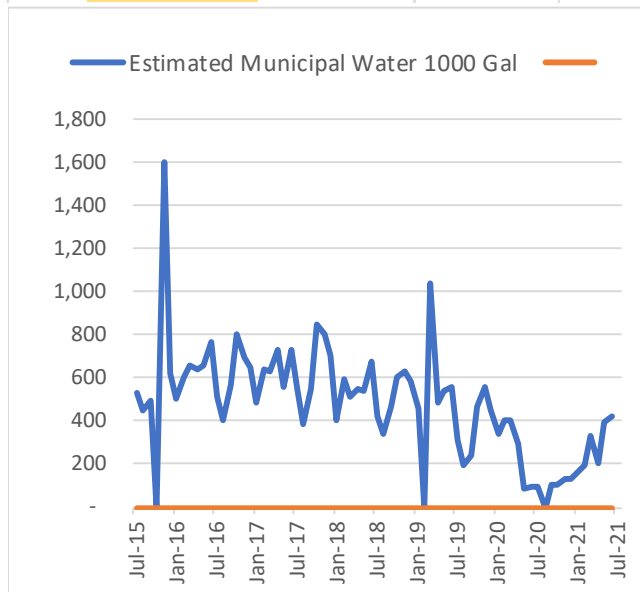
## SCOPE

Includes the Wisconsin School for the Deaf (Delavan) and the Wisconsin School for the Blind and Visually Impaired (Janesville).

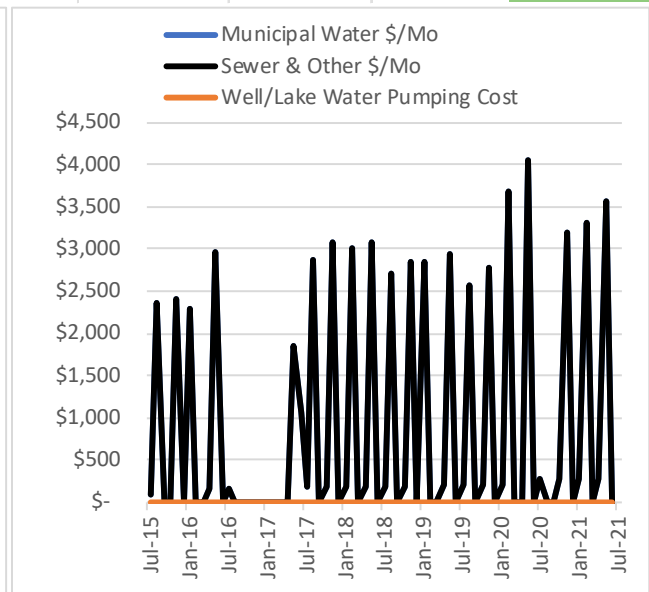
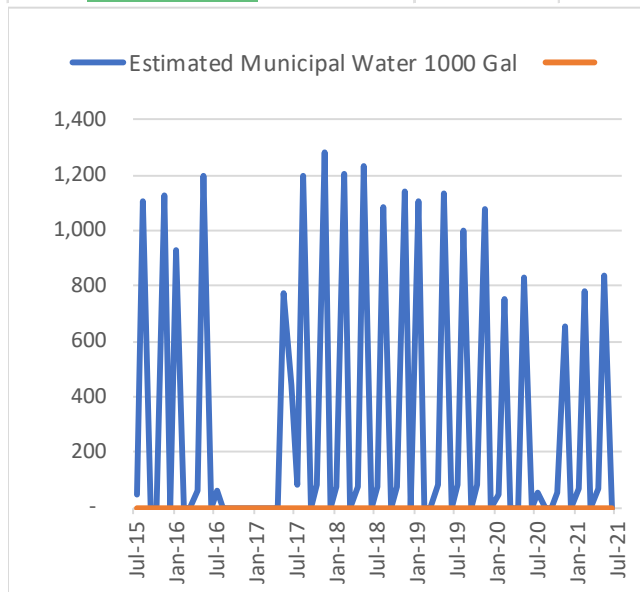
DPI Agency Total		Own Well/Lake=	No	Muni Water Supply				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	441,183	11,996	-	11,996	27.19		27.19	\$ 0.24
2017	441,183	8,702	-	8,702	19.72		19.72	\$ 0.19
2018	441,183	12,352	-	12,352	28.00		28.00	\$ 0.27
2019	441,183	10,844	-	10,844	24.58		24.58	\$ 0.26
2020	441,183	7,722	-	7,722	17.50		17.50	\$ 0.22
2021	441,183	4,794	-	4,794	10.87		10.87	\$ 0.13
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 35,117	\$ 70,234	50.0%	\$ -	\$ 2.93		\$ 2.93	\$ 8.78
2017	\$ 28,045	\$ 56,089	50.0%	\$ -	\$ 3.22		\$ 3.22	\$ 9.67
2018	\$ 39,668	\$ 79,336	50.0%	\$ -	\$ 3.21		\$ 3.21	\$ 9.63
2019	\$ 38,703	\$ 77,406	50.0%	\$ -	\$ 3.57		\$ 3.57	\$ 10.71
2020	\$ 32,081	\$ 64,162	50.0%	\$ -	\$ 4.15		\$ 4.15	\$ 12.46
2021	\$ 19,846	\$ 39,692	50.0%	\$ -	\$ 4.14		\$ 4.14	\$ 12.42
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.14		-	1.39	2.97			0.0806
2017	2.38		-	1.45	3.44			0.0679
2018	2.23		-	1.39	3.11			0.0871
2019	2.16		-	1.23	2.66			0.0655
2020	2.14		-	1.19	2.54			0.0445
2021	2.15		-	1.15	2.48			0.0269



DPI-Delavan		Own Well/Lake=	Yes	Vendor =	Delavan Water and Sewage Commission				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	244,979	7,533	-	7,533	30.75		30.75	\$ 0.30	
2017	244,979	7,426	-	7,426	30.31		30.31	\$ 0.31	
2018	244,979	7,121	-	7,121	29.07		29.07	\$ 0.33	
2019	244,979	6,138	-	6,138	25.05		25.05	\$ 0.33	
2020	244,979	3,853	-	3,853	15.73		15.73	\$ 0.22	
2021	244,979	2,280	-	2,280	9.31		9.31	\$ 0.11	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ 24,834	\$ 49,667	50.0%	\$ -	\$ 3.30		\$ 3.30	\$ 9.89	
2017	\$ 24,987	\$ 49,974	50.0%	\$ -	\$ 3.36		\$ 3.36	\$ 10.09	
2018	\$ 26,893	\$ 53,786	50.0%	\$ -	\$ 3.78		\$ 3.78	\$ 11.33	
2019	\$ 26,767	\$ 53,533	50.0%	\$ -	\$ 4.36		\$ 4.36	\$ 13.08	
2020	\$ 18,355	\$ 36,710	50.0%	\$ -	\$ 4.76		\$ 4.76	\$ 14.29	
2021	\$ 8,682	\$ 17,364	50.0%	\$ -	\$ 3.81		\$ 3.81	\$ 11.42	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	2.40		-	1.39	3.33			0.1024	
2017	2.57		-	1.45	3.72			0.1128	
2018	2.70		-	1.39	3.76			0.1094	
2019	2.40		-	1.23	2.96			0.0741	
2020	2.92		-	1.19	3.47			0.0546	
2021	2.63		-	1.15	3.03			0.0282	



DPI-Janesville		Own Well/Lake=	Yes	Vendor =	Janesville Water Utility				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	196,204	4,462	-	4,462	22.74		22.74	\$ 0.16	
2017	196,204	1,276	-	1,276	6.50		6.50	\$ 0.05	
2018	196,204	5,231	-	5,231	26.66		26.66	\$ 0.20	
2019	196,204	4,706	-	4,706	23.99		23.99	\$ 0.18	
2020	196,204	3,869	-	3,869	19.72		19.72	\$ 0.21	
2021	196,204	2,514	-	2,514	12.81		12.81	\$ 0.17	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ 10,283	\$ 20,567	50.0%	\$ -	\$ 2.30		\$ 2.30	\$ 6.91	
2017	\$ 3,057	\$ 6,115	50.0%	\$ -	\$ 2.40		\$ 2.40	\$ 7.19	
2018	\$ 12,775	\$ 25,550	50.0%	\$ -	\$ 2.44		\$ 2.44	\$ 7.33	
2019	\$ 11,936	\$ 23,872	50.0%	\$ -	\$ 2.54		\$ 2.54	\$ 7.61	
2020	\$ 13,726	\$ 27,452	50.0%	\$ -	\$ 3.55		\$ 3.55	\$ 10.64	
2021	\$ 11,164	\$ 22,328	50.0%	\$ -	\$ 4.44		\$ 4.44	\$ 13.32	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	1.72		-	1.39	2.38			0.0542	
2017	1.73		-	1.45	2.50			0.0163	
2018	1.65		-	1.39	2.30			0.0613	
2019	1.66		-	1.23	2.05			0.0492	
2020	1.65		-	1.19	1.97			0.0388	
2021	1.65		-	1.15	1.90			0.0243	



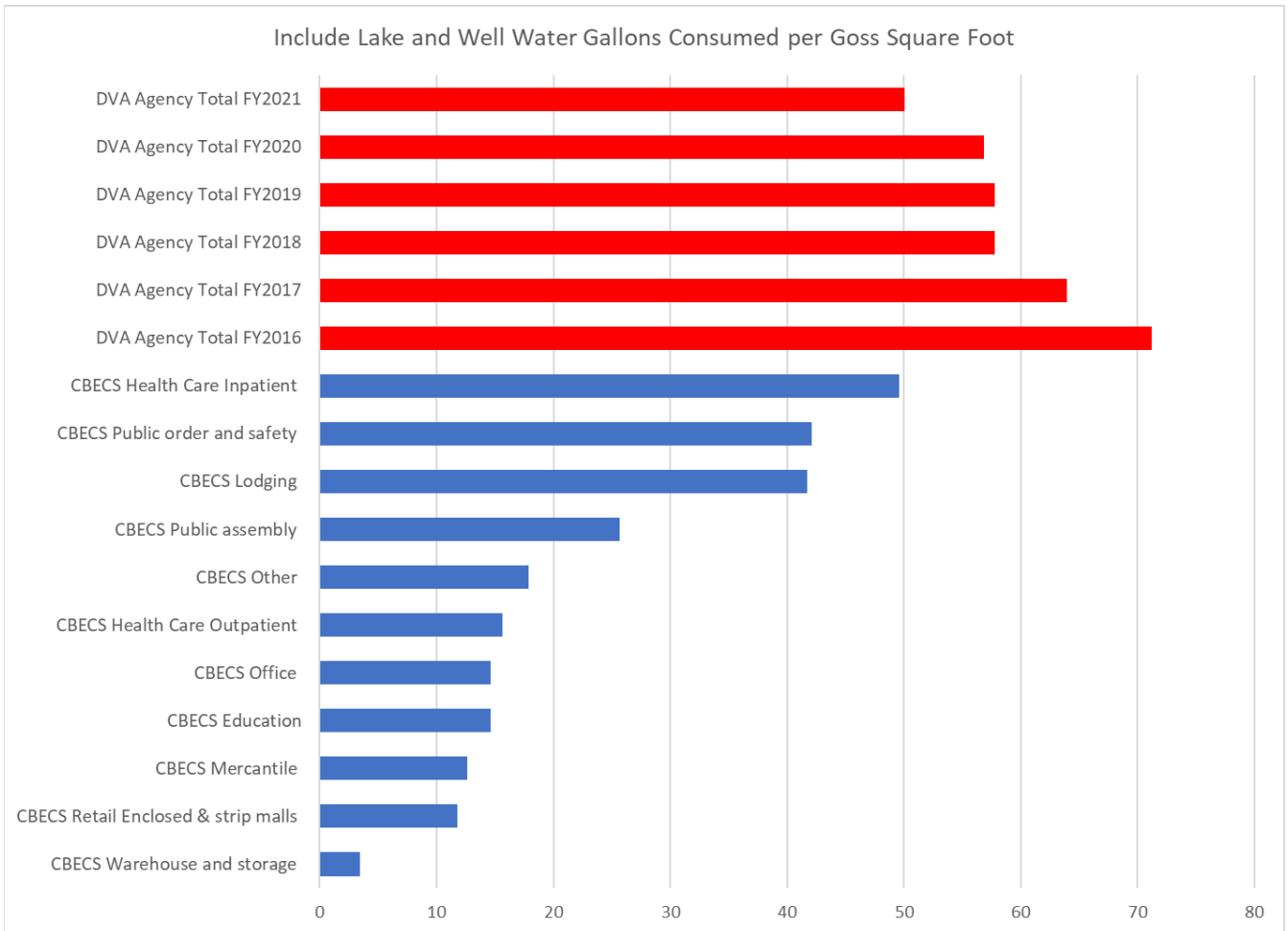
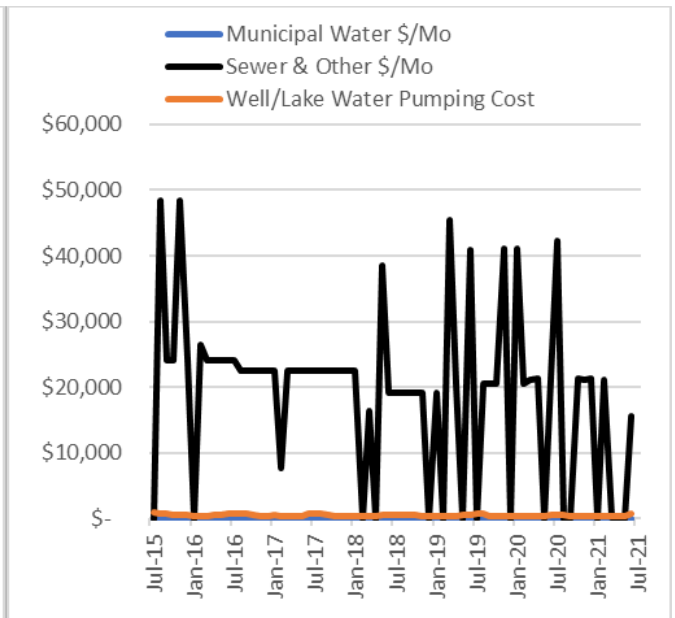
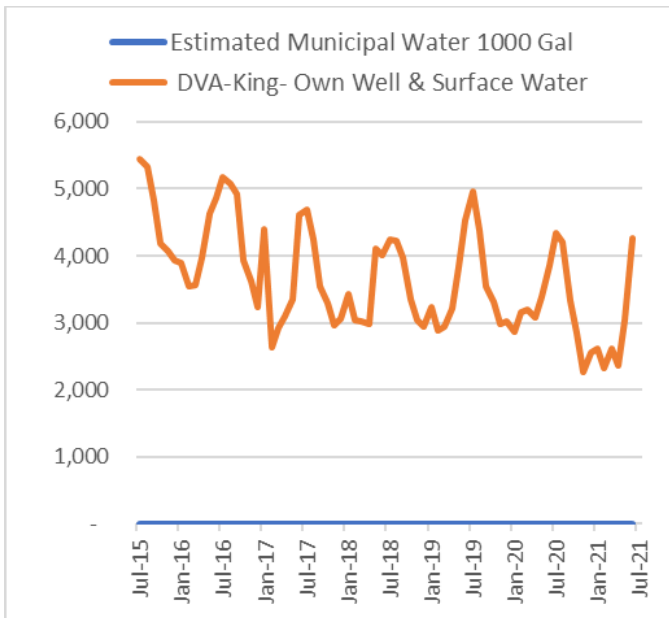


## SCOPE

Includes the Wisconsin Veterans Home at King the long term and rehabilitative care facility caring for veterans, a veteran's spouse, the surviving spouse of a veteran, and Gold Star Parents (parents who have lost a son or daughter in combat)

### Review Buildings Demolished and New Construction FY20-FY21

DVA-King		Own Well/Lake= Yes		Vendor = Own Well Water Supply				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	733,728	-	52,237	52,237		71.19	71.19	\$ 0.41
2017	733,728	-	46,960	46,960		64.00	64.00	\$ 0.36
2018	733,728	-	42,373	42,373		57.75	57.75	\$ 0.32
2019	733,728	-	42,420	42,420		57.81	57.81	\$ 0.31
2020	733,728	-	41,748	41,748		56.90	56.90	\$ 0.32
2021	733,728	-	36,753	36,753		50.09	50.09	\$ 0.20
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ 292,583	0.0%	\$ 7,575		\$ 0.15	\$ 0.15	\$ 5.75
2017	\$ -	\$ 257,807	0.0%	\$ 6,625		\$ 0.14	\$ 0.14	\$ 5.63
2018	\$ -	\$ 232,355	0.0%	\$ 5,982		\$ 0.14	\$ 0.14	\$ 5.62
2019	\$ -	\$ 222,448	0.0%	\$ 5,853		\$ 0.14	\$ 0.14	\$ 5.38
2020	\$ -	\$ 228,210	0.0%	\$ 5,925		\$ 0.14	\$ 0.14	\$ 5.61
2021	\$ -	\$ 143,011	0.0%	\$ 5,256		\$ 0.14	\$ 0.14	\$ 4.03
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00	2.00	104,474	1.39	2.77	0.1424	485.97	0.1972
2017	2.00	2.00	93,920	1.45	2.90	0.1280	436.88	0.1855
2018	2.00	2.00	84,746	1.39	2.79	0.1155	394.20	0.1610
2019	2.00	2.00	84,840	1.23	2.47	0.1156	394.64	0.1426
2020	2.00	2.00	83,496	1.19	2.38	0.1138	388.39	0.1352
2021	2.00	2.00	73,506	1.15	2.30	0.1002	341.92	0.1154



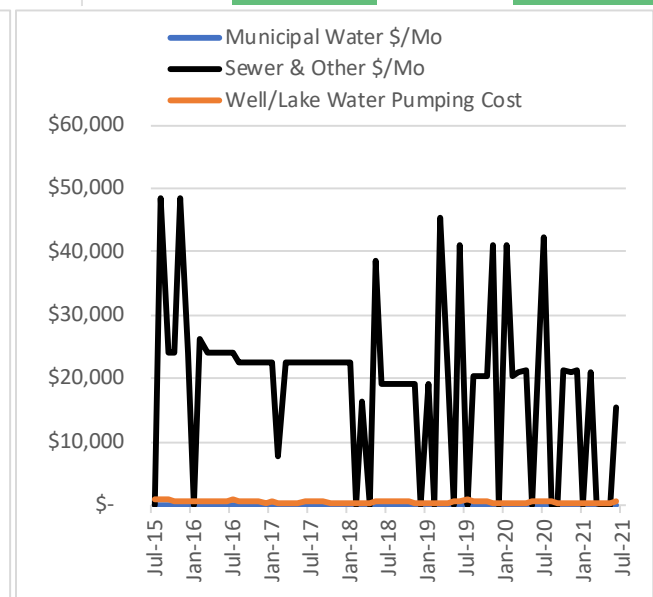
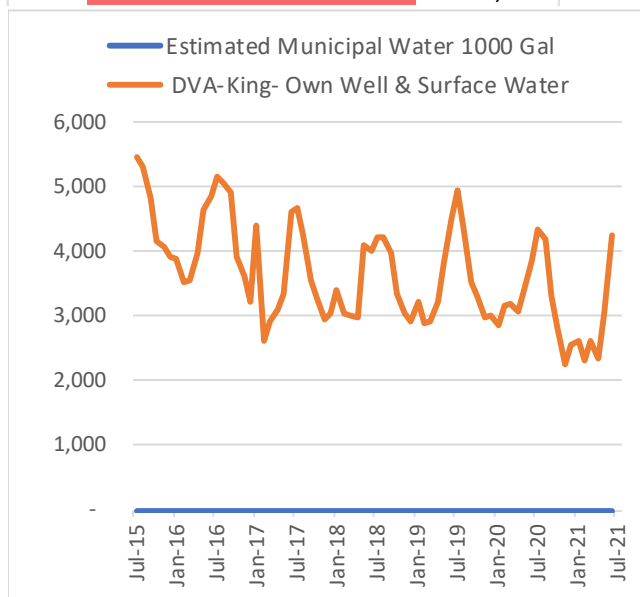
DVA-King		Own Well/Lake=	Yes	Vendor =	Own Well Water Supply			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	733,728	-	52,237	52,237		71.19	71.19	\$ 0.41
2017	733,728	-	46,960	46,960		64.00	64.00	\$ 0.36
2018	733,728	-	42,373	42,373		57.75	57.75	\$ 0.32
2019	733,728	-	42,420	42,420		57.81	57.81	\$ 0.31
2020	733,728	-	41,748	41,748		56.90	56.90	\$ 0.32
2021	733,728	-	36,753	36,753		50.09	50.09	\$ 0.20

Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ -	\$ 292,583	0.0%	\$ 7,575		\$ 0.15	\$ 0.15	\$ 5.75
2017	\$ -	\$ 257,807	0.0%	\$ 6,625		\$ 0.14	\$ 0.14	\$ 5.63
2018	\$ -	\$ 232,355	0.0%	\$ 5,982		\$ 0.14	\$ 0.14	\$ 5.62
2019	\$ -	\$ 222,448	0.0%	\$ 5,853		\$ 0.14	\$ 0.14	\$ 5.38
2020	\$ -	\$ 228,210	0.0%	\$ 5,925		\$ 0.14	\$ 0.14	\$ 5.61
2021	\$ -	\$ 143,011	0.0%	\$ 5,256		\$ 0.14	\$ 0.14	\$ 4.03

Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00	2.00	104,474	1.39	2.77	0.1424	485.97	0.1972
2017	2.00	2.00	93,920	1.45	2.90	0.1280	436.88	0.1855
2018	2.00	2.00	84,746	1.39	2.79	0.1155	394.20	0.1610
2019	2.00	2.00	84,840	1.23	2.47	0.1156	394.64	0.1426
2020	2.00	2.00	83,496	1.19	2.38	0.1138	388.39	0.1352
2021	2.00	2.00	73,506	1.15	2.30	0.1002	341.92	0.1154





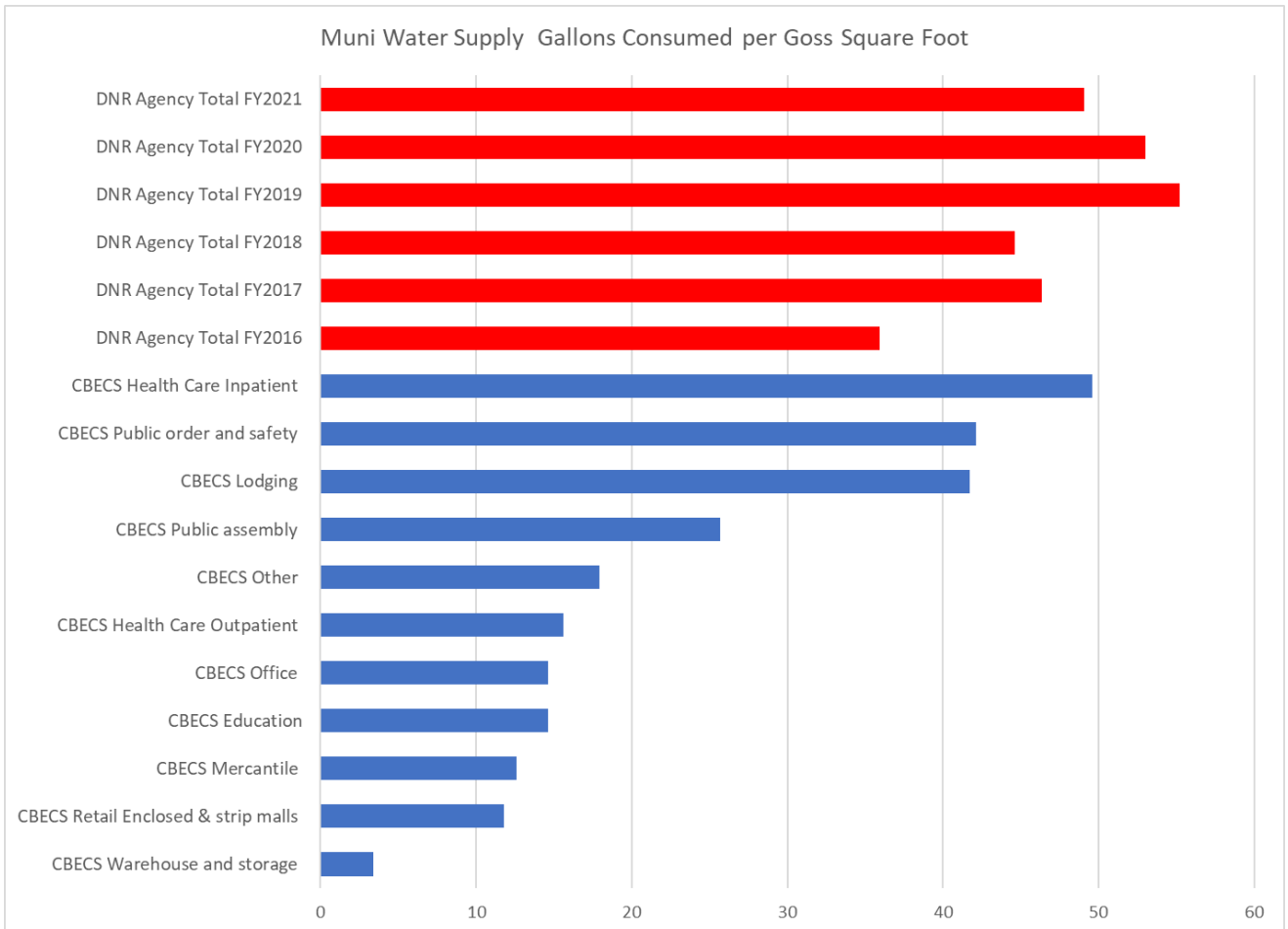
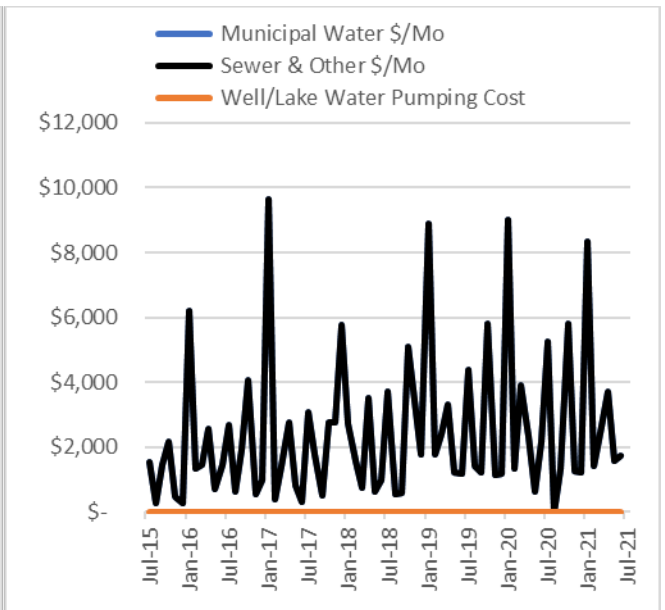
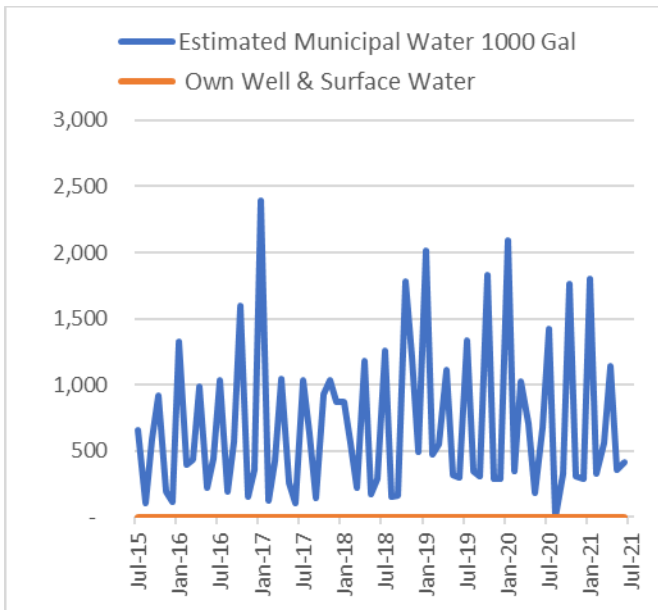
# Department of Natural Resources



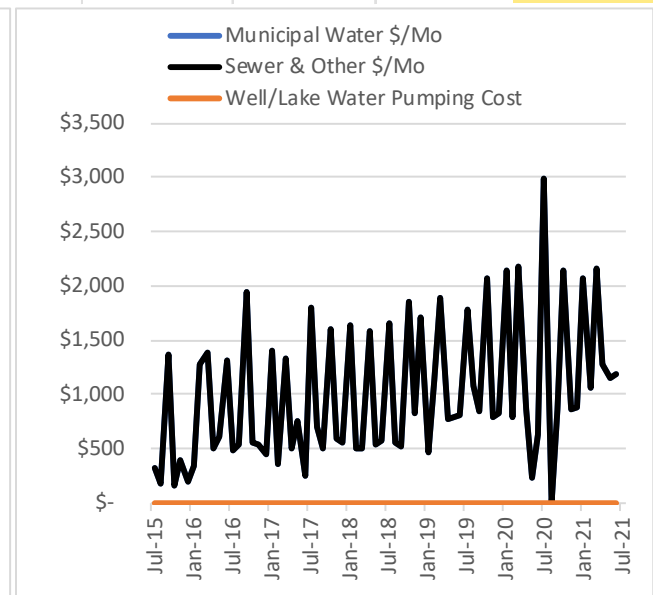
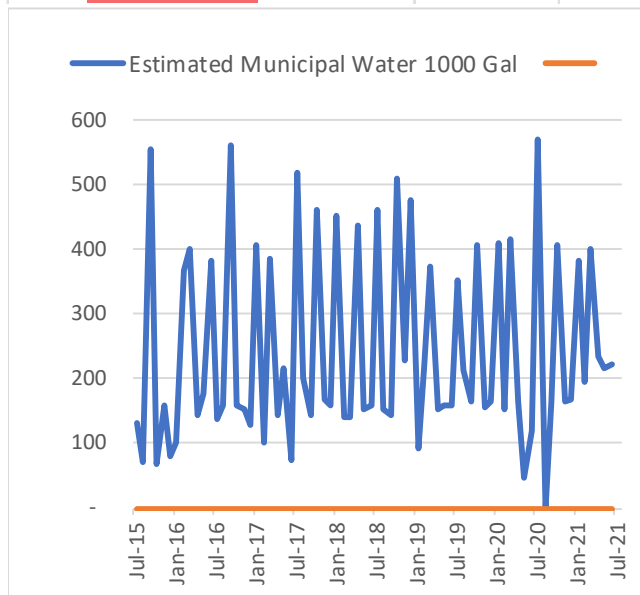
## SCOPE

Includes the larger Department of Natural Resources facilities: DNR-South Central Office Madison; DNR-Darwin Road Madison; DNR-Green Bay Office (New FY2106); DNR-Tomahawk and DNR-Southeast Office (Milwaukee).

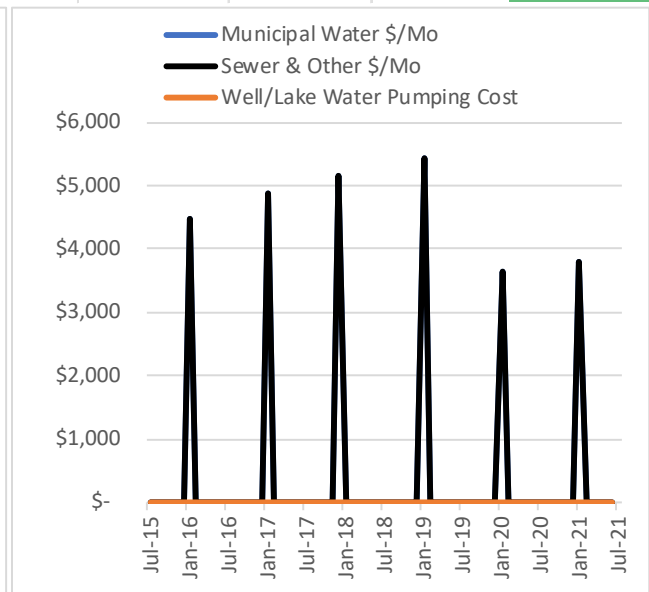
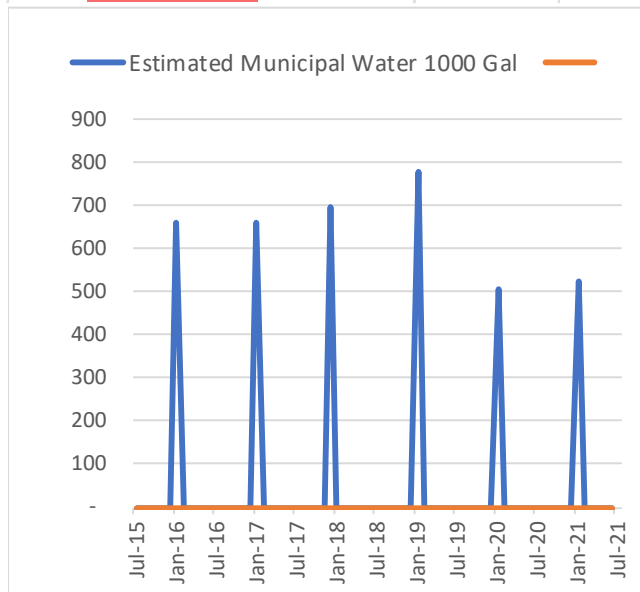
DNR Agency Total		Own Well/Lake=	No	Muni Water Supply				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	178,097	6,395	-	6,395	35.91		35.91	\$ 0.34
2017	178,097	8,257	-	8,257	46.36		46.36	\$ 0.44
2018	178,097	7,948	-	7,948	44.63		44.63	\$ 0.45
2019	178,097	9,837	-	9,837	55.23		55.23	\$ 0.57
2020	178,097	9,438	-	9,438	52.99		52.99	\$ 0.58
2021	178,097	8,741	-	8,741	49.08		49.08	\$ 0.58
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 19,915	\$ 39,830	50.0%	\$ -	\$ 3.11		\$ 3.11	\$ 9.34
2017	\$ 26,201	\$ 52,403	50.0%	\$ -	\$ 3.17		\$ 3.17	\$ 9.52
2018	\$ 26,846	\$ 53,692	50.0%	\$ -	\$ 3.38		\$ 3.38	\$ 10.13
2019	\$ 34,043	\$ 68,087	50.0%	\$ -	\$ 3.46		\$ 3.46	\$ 10.38
2020	\$ 34,614	\$ 69,228	50.0%	\$ -	\$ 3.67		\$ 3.67	\$ 11.00
2021	\$ 34,324	\$ 68,649	50.0%	\$ -	\$ 3.93		\$ 3.93	\$ 11.78
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.82		-	1.39	2.52			0.0904
2017	1.85		-	1.45	2.68			0.1241
2018	1.91		-	1.39	2.66			0.1185
2019	1.86		-	1.23	2.29			0.1267
2020	1.87		-	1.19	2.22			0.1176
2021	1.99		-	1.15	2.29			0.1125



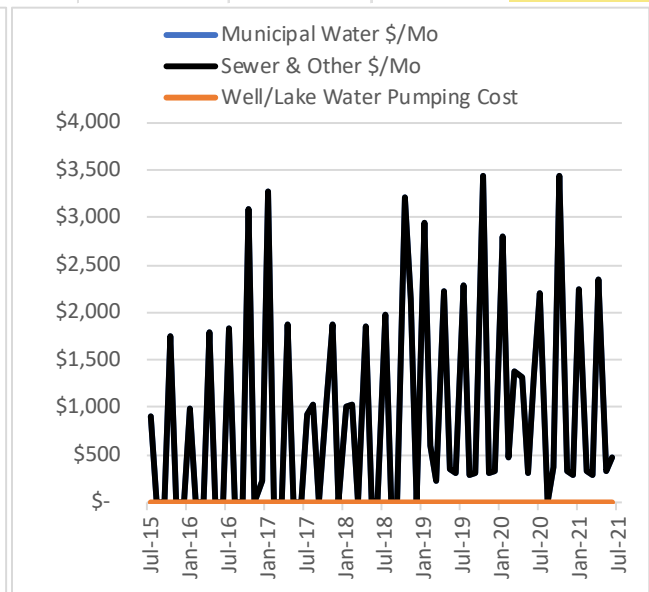
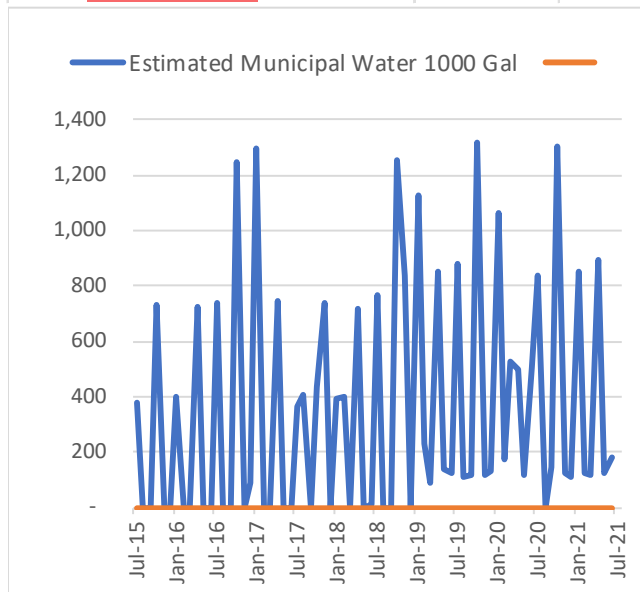
DNR-Madison		Own Well/Lake=	Yes	Vendor =	Madison Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	58,796	2,642	-	2,642	44.93		44.93	\$ 0.41
2017	58,796	2,633	-	2,633	44.78		44.78	\$ 0.46
2018	58,796	3,142	-	3,142	53.45		53.45	\$ 0.57
2019	58,796	3,132	-	3,132	53.26		53.26	\$ 0.66
2020	58,796	2,770	-	2,770	47.10		47.10	\$ 0.73
2021	58,796	3,130	-	3,130	53.23		53.23	\$ 0.85
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 8,081	\$ 16,163	50.0%	\$ -	\$ 3.06		\$ 3.06	\$ 9.18
2017	\$ 9,109	\$ 18,218	50.0%	\$ -	\$ 3.46		\$ 3.46	\$ 10.38
2018	\$ 11,114	\$ 22,228	50.0%	\$ -	\$ 3.54		\$ 3.54	\$ 10.61
2019	\$ 13,010	\$ 26,019	50.0%	\$ -	\$ 4.15		\$ 4.15	\$ 12.46
2020	\$ 14,263	\$ 28,525	50.0%	\$ -	\$ 5.15		\$ 5.15	\$ 15.45
2021	\$ 16,637	\$ 33,275	50.0%	\$ -	\$ 5.32		\$ 5.32	\$ 15.95
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.08		-	1.39	2.88			0.1296
2017	2.15		-	1.45	3.12			0.1398
2018	2.16		-	1.39	3.01			0.1607
2019	2.11		-	1.23	2.60			0.1385
2020	2.23		-	1.19	2.65			0.1250
2021	2.27		-	1.15	2.61			0.1391



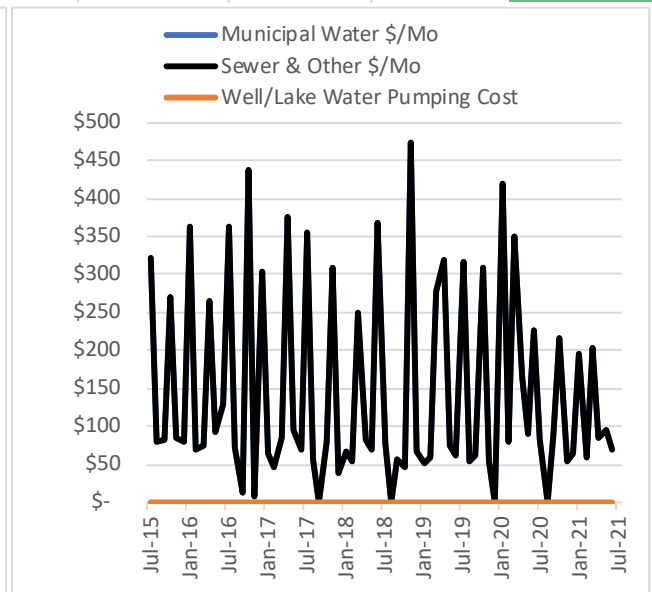
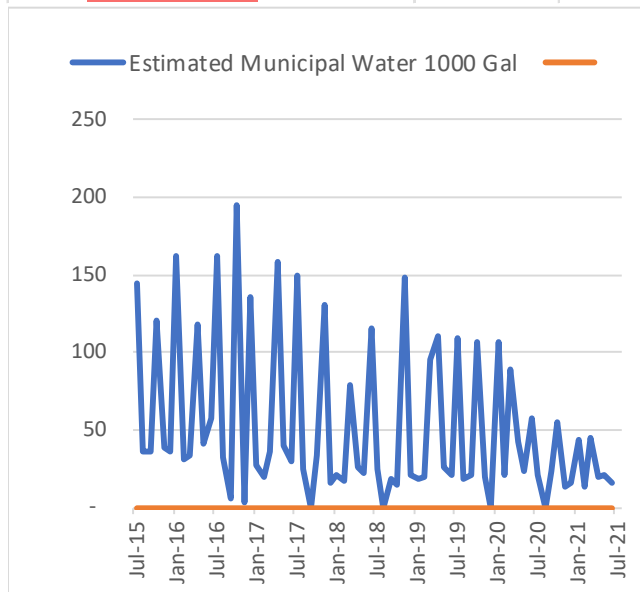
DNR-Green Bay		Own Well/Lake=	Yes	Vendor =	Village of Allouez Water Department				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	34,560	662	-	662	19.17		19.17	\$ 0.39	
2017	34,560	660	-	660	19.10		19.10	\$ 0.42	
2018	34,560	698	-	698	20.20		20.20	\$ 0.45	
2019	34,560	778	-	778	22.51		22.51	\$ 0.47	
2020	34,560	508	-	508	14.70		14.70	\$ 0.32	
2021	34,560	523	-	523	15.13		15.13	\$ 0.33	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ 4,489	\$ 8,978	50.0%	\$ -	\$ 6.78		\$ 6.78	\$ 20.33	
2017	\$ 4,881	\$ 9,762	50.0%	\$ -	\$ 7.39		\$ 7.39	\$ 22.18	
2018	\$ 5,163	\$ 10,325	50.0%	\$ -	\$ 7.39		\$ 7.39	\$ 22.18	
2019	\$ 5,442	\$ 10,883	50.0%	\$ -	\$ 7.00		\$ 7.00	\$ 20.99	
2020	\$ 3,645	\$ 7,290	50.0%	\$ -	\$ 7.17		\$ 7.17	\$ 21.52	
2021	\$ 3,813	\$ 7,627	50.0%	\$ -	\$ 7.29		\$ 7.29	\$ 21.88	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	2.00		-	1.39	2.77			0.0531	
2017	2.00		-	1.45	2.90			0.0554	
2018	2.00		-	1.39	2.79			0.0563	
2019	2.00		-	1.23	2.47			0.0555	
2020	2.00		-	1.19	2.38			0.0349	
2021	2.00		-	1.15	2.30			0.0348	



DNR-SE Milwaukee		Own Well/Lake=	Yes	Vendor =	Milwaukee Water Works			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	48,000	2,237	-	2,237	46.61		46.61	\$ 0.34
2017	48,000	4,121	-	4,121	85.86		85.86	\$ 0.64
2018	48,000	3,474	-	3,474	72.37		72.37	\$ 0.55
2019	48,000	5,410	-	5,410	112.72		112.72	\$ 0.88
2020	48,000	5,549	-	5,549	115.61		115.61	\$ 0.91
2021	48,000	4,803	-	4,803	100.07		100.07	\$ 0.79
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 5,435	\$ 10,870	50.0%	\$ -	\$ 2.43		\$ 2.43	\$ 7.29
2017	\$ 10,278	\$ 20,556	50.0%	\$ -	\$ 2.49		\$ 2.49	\$ 7.48
2018	\$ 8,839	\$ 17,678	50.0%	\$ -	\$ 2.54		\$ 2.54	\$ 7.63
2019	\$ 14,026	\$ 28,053	50.0%	\$ -	\$ 2.59		\$ 2.59	\$ 7.78
2020	\$ 14,576	\$ 29,153	50.0%	\$ -	\$ 2.63		\$ 2.63	\$ 7.88
2021	\$ 12,662	\$ 25,324	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.91
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.78		-	1.39	2.47			0.1149
2017	1.83		-	1.45	2.65			0.2276
2018	1.77		-	1.39	2.46			0.1784
2019	1.73		-	1.23	2.13			0.2402
2020	1.86		-	1.19	2.20			0.2549
2021	1.89		-	1.15	2.17			0.2175



DNR-Tomahawk		Own Well/Lake=	Yes	Vendor =	Tomahawk Municipal Water and Sewer Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	36,741	854	-	854	23.23		23.23	\$ 0.16
2017	36,741	843	-	843	22.94		22.94	\$ 0.16
2018	36,741	634	-	634	17.25		17.25	\$ 0.14
2019	36,741	517	-	517	14.08		14.08	\$ 0.13
2020	36,741	611	-	611	16.64		16.64	\$ 0.17
2021	36,741	285	-	285	7.75		7.75	\$ 0.10
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 1,909	\$ 3,819	50.0%	\$ -	\$ 2.24		\$ 2.24	\$ 6.71
2017	\$ 1,933	\$ 3,867	50.0%	\$ -	\$ 2.29		\$ 2.29	\$ 6.88
2018	\$ 1,731	\$ 3,461	50.0%	\$ -	\$ 2.73		\$ 2.73	\$ 8.19
2019	\$ 1,566	\$ 3,131	50.0%	\$ -	\$ 3.03		\$ 3.03	\$ 9.08
2020	\$ 2,130	\$ 4,259	50.0%	\$ -	\$ 3.48		\$ 3.48	\$ 10.45
2021	\$ 1,212	\$ 2,423	50.0%	\$ -	\$ 4.26		\$ 4.26	\$ 12.77
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	1.08		-	1.39	1.49			0.0347
2017	1.10		-	1.45	1.60			0.0366
2018	1.16		-	1.39	1.62			0.0279
2019	1.10		-	1.23	1.35			0.0191
2020	1.06		-	1.19	1.26			0.0209
2021	1.16		-	1.15	1.34			0.0103



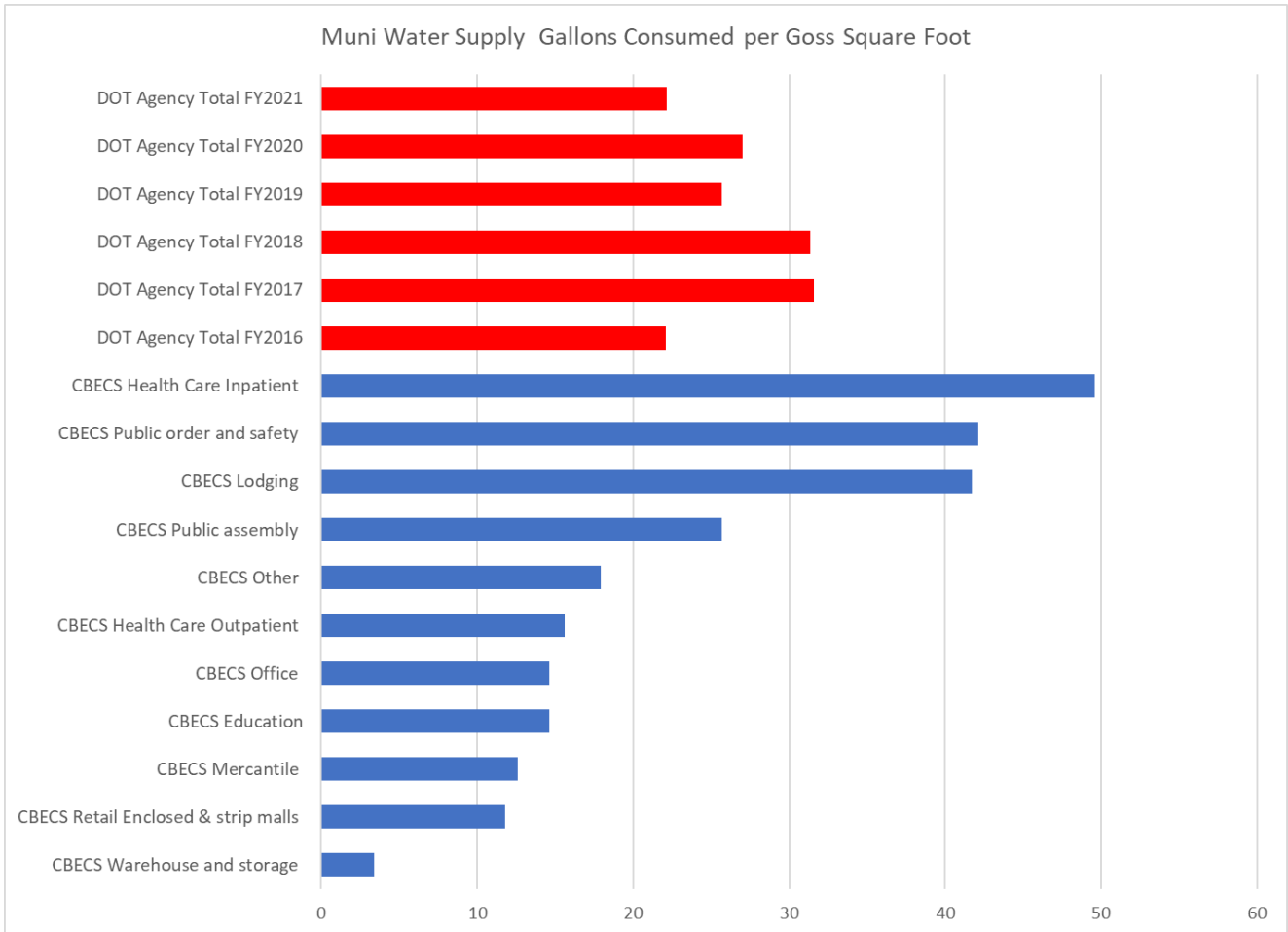
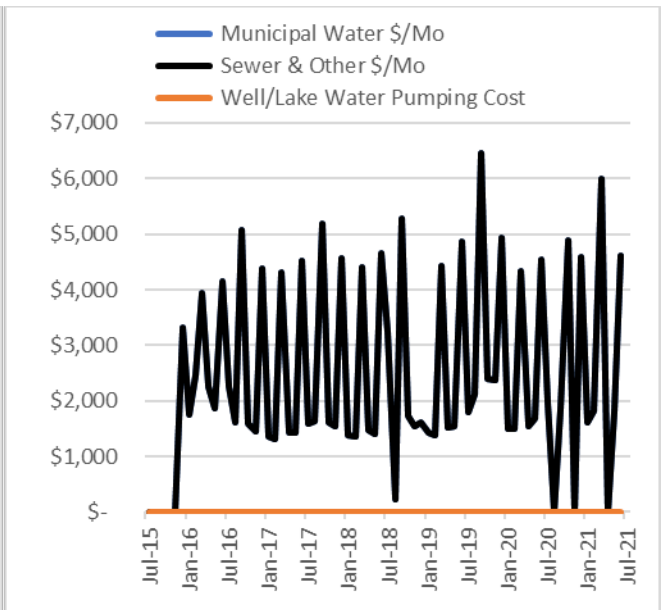
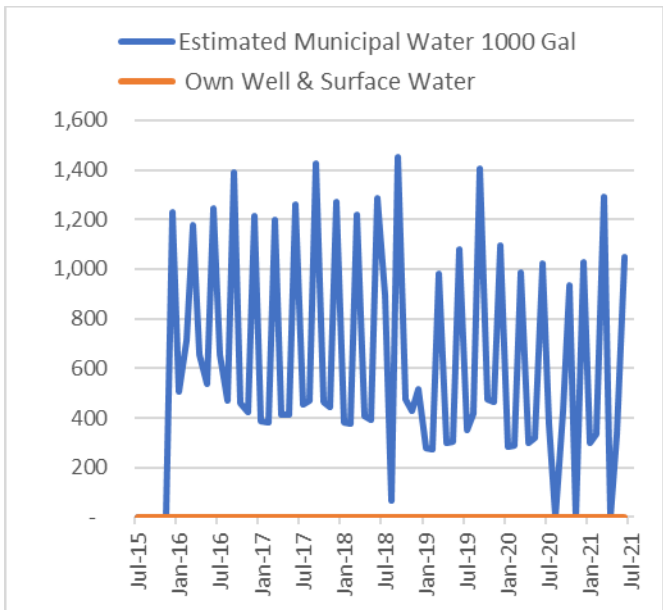
# Department of Transportation



## SCOPE

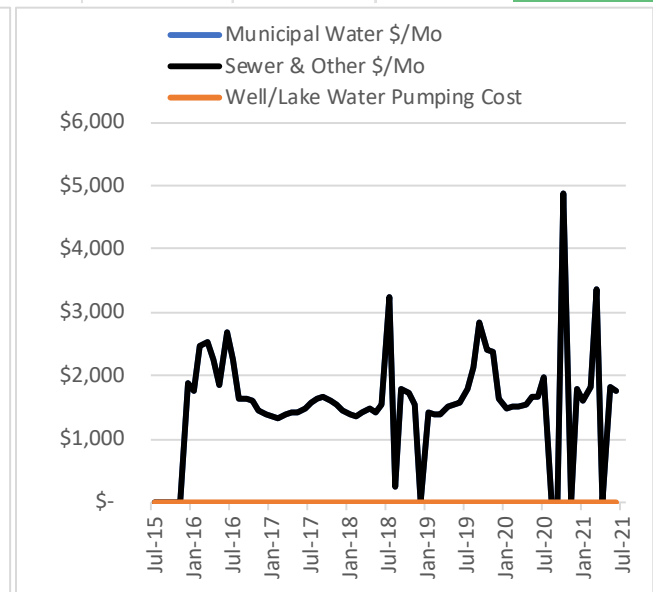
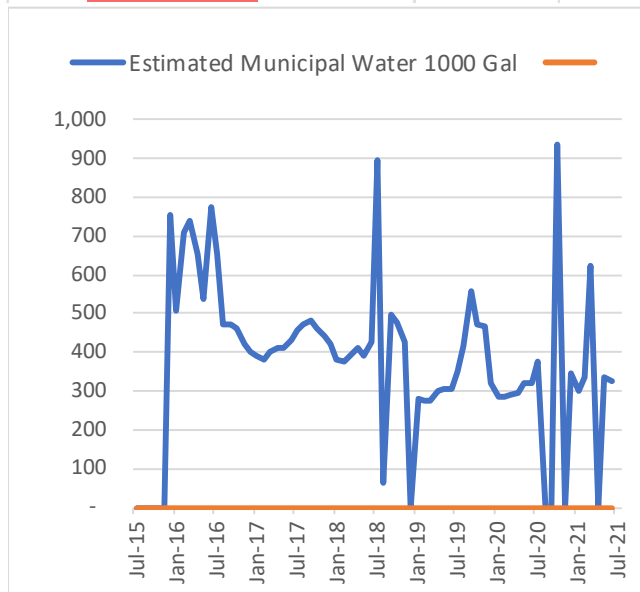
Includes the larger Department of Transportation facilities: DTD 1 Madison; DTD 1, Madison Lab; DTD 1, "A" Building Madison; DTD 1, "B" Building Madison; DTD 2, West Allis; and DTD 3, Green Bay.

DOT Agency Total		Own Well/Lake= No		Muni Water Supply				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	274,395	6,060	-	6,060	22.09		22.09	\$ 0.22
2017	274,395	8,664	-	8,664	31.58		31.58	\$ 0.34
2018	274,395	8,600	-	8,600	31.34		31.34	\$ 0.34
2019	274,395	7,049	-	7,049	25.69		25.69	\$ 0.31
2020	274,395	7,409	-	7,409	27.00		27.00	\$ 0.38
2021	274,395	6,080	-	6,080	22.16		22.16	\$ 0.32
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 19,740	\$ 39,481	50.0%	\$ -	\$ 3.26		\$ 3.26	\$ 9.77
2017	\$ 30,752	\$ 61,504	50.0%	\$ -	\$ 3.55		\$ 3.55	\$ 10.65
2018	\$ 30,844	\$ 61,689	50.0%	\$ -	\$ 3.59		\$ 3.59	\$ 10.76
2019	\$ 28,796	\$ 57,592	50.0%	\$ -	\$ 4.09		\$ 4.09	\$ 12.26
2020	\$ 35,183	\$ 70,367	50.0%	\$ -	\$ 4.75		\$ 4.75	\$ 14.25
2021	\$ 29,131	\$ 58,263	50.0%	\$ -	\$ 4.79		\$ 4.79	\$ 14.37
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.05		-	1.39	2.84			0.0626
2017	2.07		-	1.45	3.00			0.0947
2018	2.09		-	1.39	2.92			0.0914
2019	2.08		-	1.23	2.56			0.0659
2020	1.95		-	1.19	2.31			0.0625
2021	1.90		-	1.15	2.19			0.0485

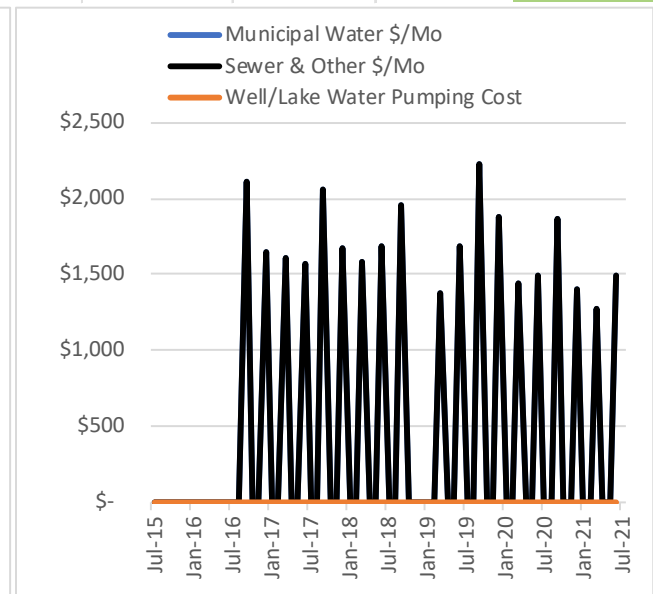
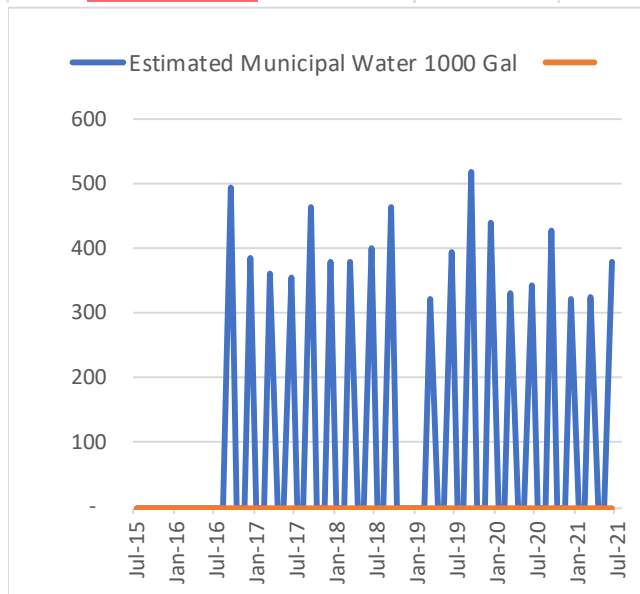




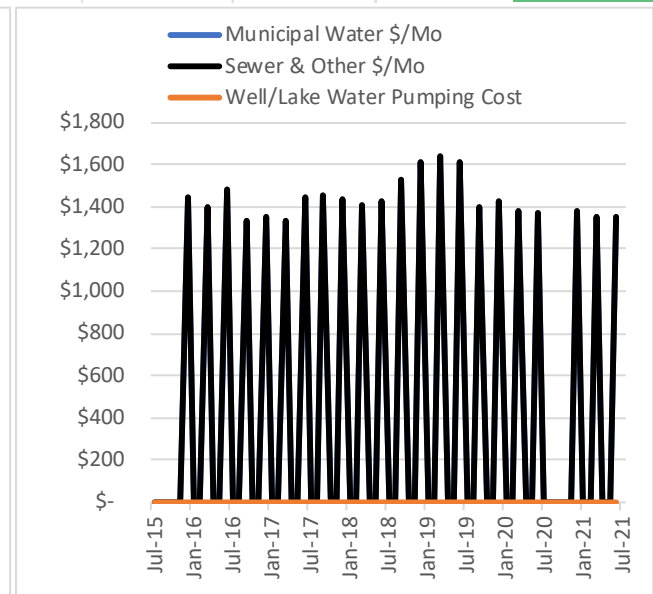
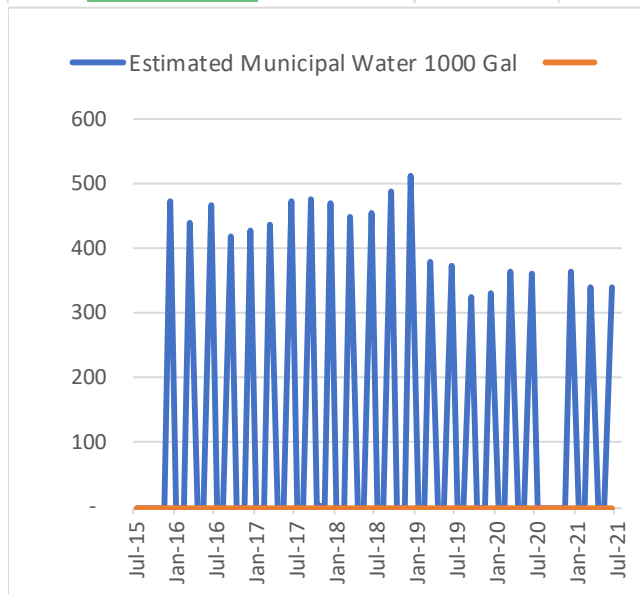
DOT-Madison		Own Well/Lake=	Yes	Vendor =	Madison Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	201,900	4,680	-	4,680	23.18		23.18	\$ 0.23
2017	201,900	5,306	-	5,306	26.28		26.28	\$ 0.27
2018	201,900	5,117	-	5,117	25.34		25.34	\$ 0.27
2019	201,900	4,105	-	4,105	20.33		20.33	\$ 0.26
2020	201,900	4,391	-	4,391	21.75		21.75	\$ 0.34
2021	201,900	3,577	-	3,577	17.71		17.71	\$ 0.28
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 15,416	\$ 30,832	50.0%	\$ -	\$ 3.29		\$ 3.29	\$ 9.88
2017	\$ 18,352	\$ 36,705	50.0%	\$ -	\$ 3.46		\$ 3.46	\$ 10.38
2018	\$ 18,092	\$ 36,184	50.0%	\$ -	\$ 3.54		\$ 3.54	\$ 10.61
2019	\$ 17,379	\$ 34,759	50.0%	\$ -	\$ 4.23		\$ 4.23	\$ 12.70
2020	\$ 22,572	\$ 45,143	50.0%	\$ -	\$ 5.14		\$ 5.14	\$ 15.42
2021	\$ 19,016	\$ 38,032	50.0%	\$ -	\$ 5.32		\$ 5.32	\$ 15.95
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.08		-	1.39	2.88			0.0668
2017	2.15		-	1.45	3.12			0.0820
2018	2.16		-	1.39	3.01			0.0762
2019	2.11		-	1.23	2.60			0.0529
2020	2.23		-	1.19	2.65			0.0577
2021	2.27		-	1.15	2.61			0.0463



DOT-Green Bay		Own Well/Lake=	Yes	Vendor =	Ashwaubenon Water And Sewer Utility				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF	
2016	40,515	-	-	-			-	\$ -	
2017	40,515	1,599	-	1,599	39.46		39.46	\$ 0.51	
2018	40,515	1,625	-	1,625	40.11		40.11	\$ 0.52	
2019	40,515	1,184	-	1,184	29.24		29.24	\$ 0.37	
2020	40,515	1,634	-	1,634	40.33		40.33	\$ 0.52	
2021	40,515	1,458	-	1,458	36.00		36.00	\$ 0.45	
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals	
2016	\$ -	\$ -	#DIV/0!	\$ -			\$ -	#DIV/0!	
2017	\$ 6,932	\$ 13,863	50.0%	\$ -	\$ 4.34		\$ 4.34	\$ 13.01	
2018	\$ 7,019	\$ 14,038	50.0%	\$ -	\$ 4.32		\$ 4.32	\$ 12.96	
2019	\$ 5,023	\$ 10,046	50.0%	\$ -	\$ 4.24		\$ 4.24	\$ 12.72	
2020	\$ 7,026	\$ 14,053	50.0%	\$ -	\$ 4.30		\$ 4.30	\$ 12.90	
2021	\$ 6,035	\$ 12,069	50.0%	\$ -	\$ 4.14		\$ 4.14	\$ 12.41	
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF	
2016	2.00		-	1.39					
2017	2.00		-	1.45	2.90			0.1144	
2018	2.00		-	1.39	2.79			0.1118	
2019	2.00		-	1.23	2.47			0.0721	
2020	2.00		-	1.19	2.38			0.0958	
2021	2.00		-	1.15	2.30			0.0829	



DOT-West Allis		Own Well/Lake=	Yes	Vendor =	West Allis Municipal Water Utility			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2016	31,980	1,381	-	1,381	43.17		43.17	\$ 0.41
2017	31,980	1,760	-	1,760	55.03		55.03	\$ 0.51
2018	31,980	1,858	-	1,858	58.09		58.09	\$ 0.54
2019	31,980	1,759	-	1,759	55.02		55.02	\$ 0.60
2020	31,980	1,384	-	1,384	43.28		43.28	\$ 0.52
2021	31,980	1,045	-	1,045	32.67		32.67	\$ 0.38
Fiscal Year	Estimated Municipal Water Cost	Total Municipal Water, Sewer & Other	Estimated % Muni Water Total Bill	Well/Lake Water kwh Cost	Municipal Water Cost \$/1000 Gals	Well/Lake Water Pump \$/1000 Gals	Total Water Cost \$/1000 Gals	Total w/Sewer Cost \$/1000 Gals
2016	\$ 4,324	\$ 8,649	50.0%	\$ -	\$ 3.13		\$ 3.13	\$ 9.40
2017	\$ 5,468	\$ 10,936	50.0%	\$ -	\$ 3.11		\$ 3.11	\$ 9.32
2018	\$ 5,734	\$ 11,467	50.0%	\$ -	\$ 3.09		\$ 3.09	\$ 9.26
2019	\$ 6,394	\$ 12,787	50.0%	\$ -	\$ 3.63		\$ 3.63	\$ 10.90
2020	\$ 5,586	\$ 11,171	50.0%	\$ -	\$ 4.04		\$ 4.04	\$ 12.11
2021	\$ 4,081	\$ 8,162	50.0%	\$ -	\$ 3.91		\$ 3.91	\$ 11.72
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2016	2.00		-	1.39	2.77			0.1196
2017	2.00		-	1.45	2.90			0.1595
2018	2.00		-	1.39	2.79			0.1619
2019	2.00		-	1.23	2.47			0.1357
2020	0.50		-	1.19	0.60			0.0258
2021	0.58		-	1.15	0.66			0.0217



## Appendix A - Case Study Water Conservation at EPA

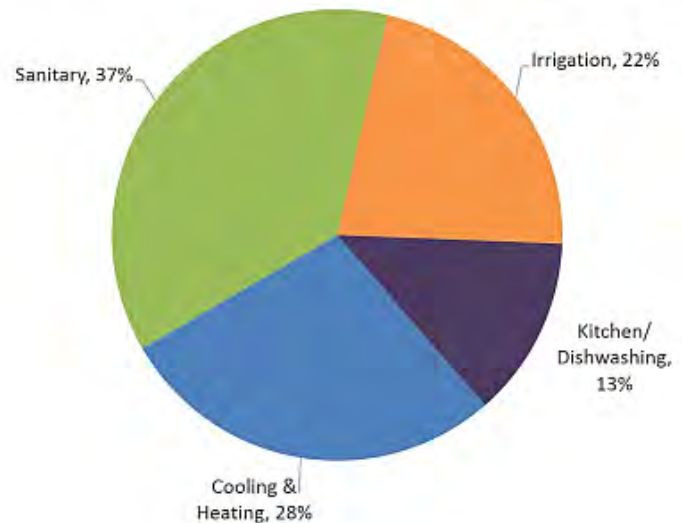
The U.S. population has doubled over the past 50 years, while our thirst for water has tripled. With at least 40 states anticipating water shortages by 2024, the need to conserve water is critical. EPA strives to integrate [water management best practices](#) at all of its facilities. EPA occupies two main types of facilities: offices and laboratories. Plumbing, heating/cooling and irrigation needs comprise a large percentage of typical office water use. The Agency has minimized those uses by installing high-efficiency plumbing fixtures and eliminating irrigation.

Laboratories use water for laboratory processes, water purification and steam sterilization. Laboratories also have significant heat loads, so a significant amount of water is used as cooling tower make-up. EPA has focused much of its water-saving efforts on laboratory facilities. In 2002, EPA began reducing its water footprint, prior to any federal requirements mandating water conservation. EPA's water management planning and water use reduction efforts have produced significant results.

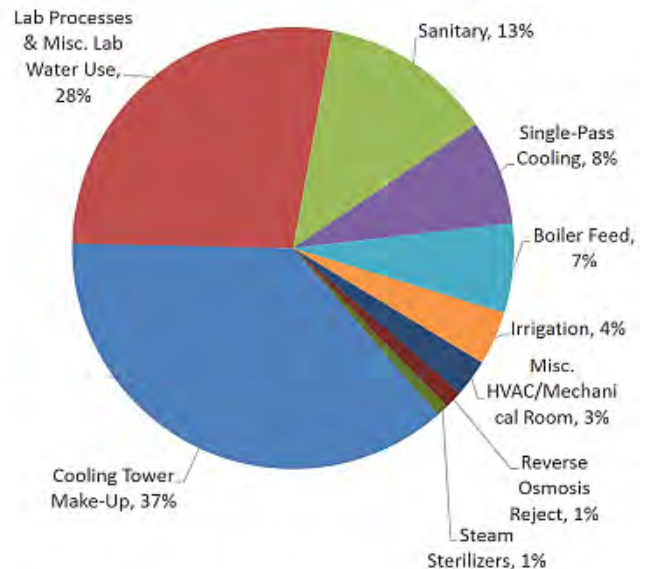
EPA water reduction strategies include:

- Monitoring water meters and tracking use
- Installing WaterSense labeled and other high efficiency restroom fixtures
- Eliminating single-pass cooling
- Optimizing cooling tower efficiency
- Minimizing or eliminating landscape irrigation.

Typical Office Building End Uses of Water

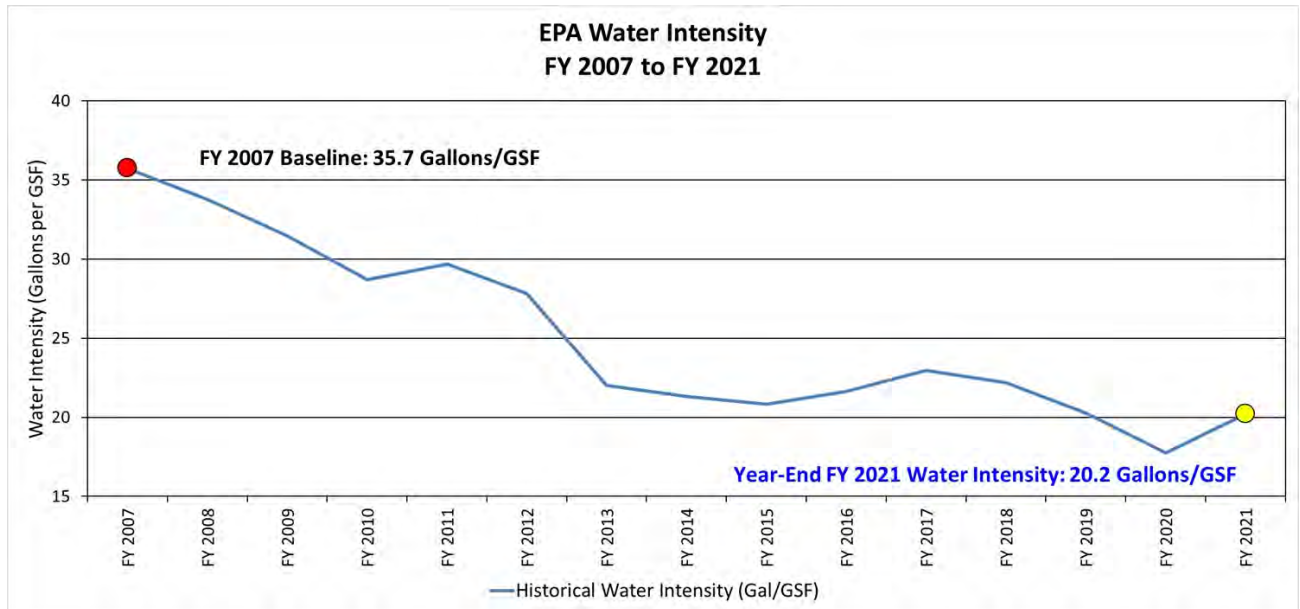


Typical EPA Laboratory End Uses of Water



## EPA Water Conservation Results

EPA reduced its water intensity by 43.5 percent in FY 2021 compared to FY 2007. EPA continues to manage water to maintain progress and implements water projects to reduce water consumption further.



Learn more about [water management plans and best practices](https://www.epa.gov/greeningepa/water-management-plans-and-best-practices-epa) (https://www.epa.gov/greeningepa/water-management-plans-and-best-practices-epa ) at EPA, and how the Agency minimizes [landscaping water use](https://www.epa.gov/greeningepa/landscaping-epa-facilities) (https://www.epa.gov/greeningepa/landscaping-epa-facilities).

# Appendix B - Water & Sewer Facility Water Utility Data for Future Analysis

Agency Name	2021	2020	2019	2018	2017	2016	2015
University of Wisconsin System	\$ 12,870,545	\$ 13,792,165	\$ 14,725,726	\$ 13,253,467	\$ 14,080,182	\$ 12,253,061	\$ 11,784,134
Administration, Department of	\$ 579,560	\$ 810,239	\$ 665,956	\$ 671,963	\$ 614,497	\$ 549,861	\$ 519,341
Corrections, Department of	\$ 8,608,853	\$ 10,439,751	\$ 9,938,057	\$ 9,602,015	\$ 8,826,759	\$ 7,580,483	\$ 8,551,299
Health Services, Department of	\$ 1,623,569	\$ 2,342,656	\$ 2,164,879	\$ 2,065,677	\$ 1,876,190	\$ 1,359,353	\$ 1,563,843
Military Affairs, Department of	\$ 537,150	\$ 563,242	\$ 545,592	\$ 573,837	\$ 567,559	\$ 527,460	\$ 598,675
Natural Resources, Department of	\$ 538,740	\$ 374,863	\$ 290,385	\$ 266,770	\$ 214,972	\$ 170,905	\$ 195,047
Transportation, Department of	\$ 139,933	\$ 158,906	\$ 140,198	\$ 155,235	\$ 155,526	\$ 175,214	\$ 205,012
Veterans Affairs, Department of	\$ 205,137	\$ 325,564	\$ 325,467	\$ 338,642	\$ 352,794	\$ 348,175	\$ 331,019
State Fair Park Board	\$ 256,059	\$ 258,877	\$ 214,928	\$ 317,129	\$ 252,137	\$ 219,083	\$ 296,109
Educational Communications Board	\$ 816	\$ 799	\$ 780	\$ 757	\$ 768	\$ 1,109	\$ 1,230
Historical Society	\$ 43,063	\$ 52,059	\$ 50,745	\$ 64,167	\$ 45,203	\$ 34,241	\$ 44,454
Public Instruction, Department of	\$ 41,728	\$ 66,287	\$ 79,355	\$ 81,268	\$ 58,071	\$ 68,149	\$ 70,908
Justice, Department of	\$ 1,988	\$ 1,679	\$ 1,609	\$ 1,586	\$ 1,764	\$ 1,916	\$ 1,337
Supreme Court	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Legislature	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Agriculture, Trade and Consumer Protection, Department of	\$ 2,138	\$ 2,556	\$ 2,244	\$ 2,775	\$ 2,870	\$ 2,410	\$ 3,454
Public Defender Board	\$ 542	\$ 677	\$ 455	\$ 365	\$ 367	\$ 387	\$ 331
Kickapoo Reserve Management Board	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue, Department of	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Court of Appeals	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Safety and Professional Services, Department of	\$ -	\$ -	\$ 390	\$ -	\$ 294	\$ 250	\$ 377
Board of Commissioners of Public Lands	\$ 760	\$ 760	\$ 760	\$ 570	\$ 570	\$ 570	\$ 760
Workforce Development, Department of	\$ 499	\$ -	\$ 759	\$ -	\$ -	\$ -	\$ -
Child Abuse and Neglect Prevention Board	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Tourism, Department of	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Board for People with Developmental Disabilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Board on Aging and Long-Term Care	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Children and Families, Department of	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Commerce, Department of	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Employment Relations, Office of State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Ethics Commission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Government Accountability Board	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Governor, Office of the	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Judicial Council	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Public Service Commission	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Secretary of State	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Wisconsin Technical College System, Board of	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Subtotal - Water &amp; Sewer</b>	<b>\$ 25,451,081</b>	<b>\$ 29,191,079</b>	<b>\$ 29,148,285</b>	<b>\$ 27,396,224</b>	<b>\$ 27,050,521</b>	<b>\$ 23,292,626</b>	<b>\$ 24,167,333</b>

# Appendix C - Water & Sewer Facility Water Utility Data for Future Analysis

Fiscal Year		FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20	FY21		
Water	Count	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	W&S \$/GSF	Water & Sewer Vendor	Municipality
DHS-Mendota	1	\$0.19	\$0.18	\$0.26	\$0.18	\$0.24	\$0.28	\$0.40	\$0.40	\$0.24	Own Wells & Madison, City of Sewer	Madison
DHS-Northern Center	1	\$0.25	\$0.21	\$0.24	\$0.25	\$0.27	\$0.27	\$0.25	\$0.24	\$0.04	City Of Chippewa Falls	Chippewa Falls
DHS-Sand Ridge	1	\$0.85	\$0.84	\$0.84	\$0.85	\$0.83	\$0.89	\$0.86	\$0.94	\$0.52	City Of Mauston	Mauston
DHS-Southern Center	1	\$0.40	\$0.37	\$0.36	\$0.37	\$0.48	\$0.65	\$0.62	\$0.76	\$0.41	Union Grove, Vill Sewer Utility	Union Grove
DHS-Winnebago	1	\$0.41	\$0.42	\$0.46	\$0.36	\$0.67	\$0.58	\$0.62	\$0.63	\$0.70	City Of Oshkosh	Oshkosh
DNR-Madison	2	\$0.25	\$0.25	\$0.30	\$0.27	\$0.31	\$0.38	\$0.44	\$0.49	\$0.57	Madison, City of	Madison
DNR-Green Bay	1	\$0.20	\$0.23	\$0.24	\$0.26	\$0.28	\$0.30	\$0.31	\$0.21	\$0.22	ALLOUEZ WATER DEPT	Green Bay
DNR-SE Milwaukee	1	\$0.31	\$0.45	\$0.35	\$0.19	\$0.43	\$0.37	\$0.58	\$0.61	\$0.53	Milwaukee, City of	Milwaukee
DNR-Tomahawk	1	\$0.06	\$0.06	\$0.08	\$0.09	\$0.11	\$0.09	\$0.09	\$0.12	\$0.07	City Of Tomahawk	Tomahawk
DOA-Madison	9	\$0.10	\$0.09	\$0.12	\$0.12	\$0.13	\$0.15	\$0.14	\$0.18	\$0.12	Madison, City of	Madison
DOA-Eau Claire SOB	1	\$0.26	\$0.25	\$0.26	\$0.26	\$0.14	\$0.26	\$0.17	\$0.29	\$0.23	City of Eau Claire	Eau Claire
DOA-Green Bay SOB	1	\$0.07	\$0.06	\$0.06	\$0.05	\$0.07	\$0.08	\$0.08	\$0.09	\$0.05	Green Bay Water Utility	Green Bay
DOA-La Crosse SOB	1	\$0.25	\$0.29	\$0.26	\$0.23	\$0.32	\$0.32	\$0.30	\$0.27	\$0.20	La Crosse, City of	La Crosse
DOA-Milwaukee	2	\$0.22	\$0.20	\$0.19	\$0.23	\$0.27	\$0.29	\$0.28	\$0.31	\$0.25	Milwaukee, City of	Milwaukee
DOA-Waukesha SOB	1	\$0.10	\$0.10	\$0.11	\$0.04	\$0.18	\$0.10	\$0.12	\$0.13	\$0.06	Waukesha Water Utility	Waukesha
DOA-WI Rapids SOB	1	\$1.09	\$0.53	\$0.35	\$0.34	\$0.44	\$0.42	\$0.34	\$0.34	\$0.27	Water Works & Lighting Commsn	Wisconsin Rapids
DOC-Boscobel	1	\$0.62	\$0.61	\$0.75	\$0.62	\$0.73	\$0.73	\$0.74	\$0.64	\$0.63	City Of Boscobel	Boscobel
DOC-Columbia	1	\$0.76	\$0.75	\$0.78	\$0.72	\$0.80	\$0.81	\$0.76	\$0.92	\$0.72	Portage Water Dept	Portage
DOC-Fox Lake	1	Own Wells										
DOC-Green Bay	1	\$1.65	\$1.58	\$1.59	\$1.62	\$1.87	\$2.03	\$1.76	\$1.87	\$1.64	Allouez Water Department	Green Bay
DOC-Jackson	1	\$1.08	\$1.68	\$1.22	\$0.52	\$0.35	\$0.42	\$0.48	\$0.51	\$0.46	Brockway Sanitary District #1	Jackson
DOC-Kettle Moraine	1	Own Wells										
DOC-Lincoln Hills	1	Own Wells										
DOC-Milwaukee Secure	1	\$0.53	\$0.53	\$0.54	\$0.53	\$0.64	\$0.65	\$0.54	\$0.68	\$0.40	Milwaukee, City of	Milwaukee
DOC-New Lisbon	1	\$2.22	\$2.26	\$2.30	\$2.12	\$2.32	\$3.61	\$3.47	\$3.70	\$3.29	City Of New Lisbon	New Lisbon
DOC-Oakhill	1	\$0.41	\$0.44	\$0.46	\$0.37	\$0.36	\$0.47	\$0.50	\$0.47	\$0.41	Own Wells & Village Of Oregon Sewer	Oregon
DOC-Oshkosh	1	\$1.41	\$1.48	\$1.34	\$1.07	\$1.54	\$1.58	\$1.86	\$1.70	\$1.37	City Of Oshkosh	Oshkosh
DOC-Prairie du Chien	1	\$0.29	\$0.30	\$0.33	\$0.28	\$0.37	\$0.43	\$0.39	\$0.47	\$0.52	City Of Prairie Du Chien	Prairie Du Chien
DOC-Racine-Sturtevant	3	\$1.14	\$1.00	\$1.07	\$0.73	\$1.01	\$1.29	\$1.19	\$1.22	\$1.18	Village Of Sturtevant	Racine
DOC-Redgranite	1	\$1.01	\$1.05	\$1.52	\$0.69	\$0.85	\$0.85	\$0.91	\$1.00	\$1.05	Village Of Redgranite	Redgranite
DOC-Stanley	1	\$1.67	\$1.68	\$1.96	\$1.76	\$2.79	\$1.94	\$2.76	\$2.85	\$2.82	City Of Stanley	Stanley
DOC-Taycheedah	1	\$0.86	\$0.89	\$0.91	\$0.98	\$1.00	\$1.15	\$0.99	\$1.06	\$0.93	Fond du Lac, City of	Fond du Lac
DOC-Waupun	1	\$1.03	\$0.94	\$1.04	\$0.83	\$0.86	\$0.91	\$0.92	\$1.16	\$0.74	Waupun Utilities	Waupun
DOT-Madison	4	\$0.30	\$0.31	\$0.26	\$0.18	\$0.16	\$0.18	\$0.17	\$0.22	\$0.19	Madison, City of	Madison
DOT-Green Bay	1	\$0.31	\$0.31	\$0.18		\$0.34	\$0.35	\$0.25	\$0.35	\$0.30	Village Of Ashwaubenon	Ashwaubenon
DOT-West Allis	1	\$0.16	\$0.25	\$0.09	\$0.27	\$0.34	\$0.36	\$0.40	\$0.35	\$0.26	West Allis, City of	West Allis
DPI-Delavan	1	\$0.13	\$0.30	\$0.20	\$0.19	\$0.20	\$0.22	\$0.22	\$0.15	\$0.07	Delavan Water & Sewer Comm	Delavan
DPI-Janesville	1			\$0.03	\$0.10	\$0.03	\$0.13	\$0.12	\$0.14	\$0.11	City Of Janesville	Janesville
DVA-King	1	\$0.39	\$0.40	\$0.36	\$0.40	\$0.35	\$0.32	\$0.30	\$0.31	\$0.19	Own Wells Waupaca Chain O Lakes Sewer	Waupaca
UW-Eau Claire	1	\$0.02	\$0.01	\$0.01	\$0.08	\$0.08	\$0.12	\$0.09	\$0.13	\$0.12	EAU CLAIRE, CITY OF	EAU CLAIRE
UW-Green Bay	1	\$0.20	\$0.20	\$0.21	\$0.22	\$0.24	\$0.25	\$0.28	\$0.28	\$0.30	Green Bay Water Utility	Green Bay
UW-La Crosse	1	\$0.10	\$0.11	\$0.10	\$0.10	\$0.10	\$0.09	\$0.09	\$0.09	\$0.09	CITY OF LA CROSSE	LA CROSSE
UW-Madison	1	\$0.23	\$0.24	\$0.26	\$0.27	\$0.32	\$0.28	\$0.31	\$0.32	\$0.30	CITY TREASURER	Madison
UW-Milwaukee	1	\$0.22	\$0.21	\$0.23	\$0.22	\$0.23	\$0.23	\$0.24	\$0.19	\$0.18	MILWAUKEE WATER WORKS	MILWAUKEE
UW-Oshkosh	1	\$0.22	\$0.22	\$0.23	\$0.23	\$0.32	\$0.20	\$0.37	\$0.24	\$0.23	City Of Oshkosh	Oshkosh
UW-Parkside	1	\$0.21	\$0.31	\$0.27	\$0.24	\$0.30	\$0.30	\$0.42	\$0.30	\$0.25	TOWN OF SOMERS	SOMERS
UW-Platteville	1	\$0.25	\$0.23	\$0.24	\$0.22	\$0.24	\$0.23	\$0.26	\$0.23	\$0.22	PLATTEVILLE WATER & SEWER	PLATTEVILLE
UW-River Falls	1	\$0.23	\$0.27	\$0.26	\$0.26	\$0.26	\$0.26	\$0.24	\$0.27	\$0.21	RIVER FALLS MUNICIPAL UTILITIES	RIVER FALLS
UW-Stevens Point	1	\$0.18	\$0.19	\$0.18	\$0.17	\$0.13	\$0.16	\$0.18	\$0.16	\$0.14	City Of Stevens Point	Stevens Point
UW-Stout	1	\$0.10	\$0.10	\$0.10	\$0.08	\$0.12	\$0.14	\$0.08	\$0.09	\$0.08	Menomonie City of	Menomonie
UW-Superior	1	\$0.37	\$0.31	\$0.36	\$0.34	\$0.36	\$0.37	\$0.28	\$0.41	\$0.34	SUPERIOR WATER LIGHT & POWER	SUPERIOR
UW-Whitewater	1	\$0.27	\$0.22	\$0.21	\$0.26	\$0.31	\$0.27	\$0.28	\$0.26	\$0.25	CITY OF WHITEWATER	WHITEWATER
UW-Baraboo	1			\$0.00	\$0.03	\$0.04	\$0.07	\$0.09	\$0.07	\$0.06	City Of Baraboo	Baraboo
UW-Barron	1	\$0.06	\$0.13	\$0.13	\$0.09	\$0.09	\$0.10	\$0.09	\$0.09	\$0.08	RICE LAKE UTILITIES	RICE LAKE
UW-Fond du Lac	1	\$0.06	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05	\$0.05			Fond du Lac, City of	Fond du Lac
UW-Fox Valley	1	\$0.13	\$0.12	\$0.13	\$0.13	\$0.17	\$0.09	\$0.10	\$0.03	\$0.01	TOWN OF MENASHA UTILITY DISTRICT	MENASHA
UW-Manitowoc	1	\$0.08	\$0.08	\$0.05	\$0.05	\$0.06	\$0.05	\$0.05	\$0.04	\$0.03	Manitowoc Public Utilities	Manitowoc
UW-Marathon	1	\$0.09	\$0.10	\$0.09	\$0.09	\$0.08	\$0.08	\$0.07	\$0.07	\$0.05	WAUSAU WATER WORKS	WAUSAU
UW-Marinette	1	\$0.11	\$0.28	\$0.23	\$0.26	\$0.27	\$0.26	\$0.28	\$0.10	\$0.09	MARINETTE, CITY OF	MARINETTE
UW-Marshfield	1	\$0.09	\$0.09	\$0.10	\$0.11	\$0.14	\$0.18	\$0.18	\$0.16	\$0.16	MARSHFIELD UTILITIES	MARSHFIELD
UW-Richland	1	\$0.17	\$0.15	\$0.15	\$0.18	\$0.23	\$0.16	\$0.19	\$0.14	\$0.16	RICHLAND CENTER UTILITIES	RICHLAND CENTER
UW-Rock	1	\$0.09	\$0.07	\$0.07	\$0.08	\$0.09	\$0.09	\$0.10	\$0.11	\$0.12	JANESVILLE, CITY OF	JANESVILLE
UW-Sheboygan	1	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	\$0.02	SHEBOYGAN WATER UTILITY	SHEBOYGAN
UW-Washington	1	\$0.05	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.04	\$0.03	\$0.02	WEST BEND, CITY OF	WEST BEND
UW-Waukesha	1	\$0.08	\$0.07	\$0.07	\$0.07	\$0.08	\$0.07	\$0.10	\$0.08	\$0.06	Waukesha Water Utility	Waukesha

Water Utility	Fiscal Yr ID	2015		2016		2017		2018		2019		2020		2021	
		Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$	Water & Sewer \$
Madison Water Utility Total	3280	\$ 6,715,334	\$ 6,856,254	\$ 8,170,374	\$ 7,467,545	\$ 8,126,881	\$ 8,632,351	\$ 7,747,651							
City of Oshkosh Water Utility Total	4480	\$ 2,373,041	\$ 2,058,966	\$ 3,074,469	\$ 2,638,937	\$ 3,483,428	\$ 2,917,790	\$ 2,668,006							
Wauqua Public Utilities Total	6290	\$ 1,308,464	\$ 1,044,697	\$ 1,080,827	\$ 1,152,297	\$ 1,153,823	\$ 1,459,235	\$ 931,053							
Milwaukee Water Works Total	3720	\$ 1,497,845	\$ 1,441,355	\$ 1,554,959	\$ 1,566,078	\$ 1,577,765	\$ 1,399,032	\$ 1,214,451							
Village of Allouez Water Department Total	0070	\$ 1,025,201	\$ 1,050,418	\$ 1,193,805	\$ 1,284,283	\$ 1,204,654	\$ 1,256,655	\$ 1,167,923							
City of New Lisbon Electric and Water Utility Total	4120	\$ 728,546	\$ 672,051	\$ 735,981	\$ 1,144,057	\$ 1,099,915	\$ 1,173,390	\$ 1,042,874							
Stanley Municipal Waterworks Total	5670	\$ 806,457	\$ 724,479	\$ 1,147,297	\$ 800,796	\$ 1,135,980	\$ 1,172,465	\$ 1,163,195							
Racine Water Works Commission Total	4900	\$ 762,861	\$ 518,610	\$ 714,968	\$ 918,589	\$ 843,286	\$ 867,581	\$ 834,495							
Union Grove Municipal Water Utility Total	6020	\$ 368,851	\$ 375,280	\$ 494,527	\$ 669,762	\$ 634,255	\$ 777,473	\$ 416,868							
Whitewater Municipal Water Utility Total	6520	\$ 607,151	\$ 779,832	\$ 904,069	\$ 797,245	\$ 833,821	\$ 772,679	\$ 785,898							
Platteville Water and Sewer Utility Total	4700	\$ 548,248	\$ 493,986	\$ 529,799	\$ 521,558	\$ 584,831	\$ 489,090	\$ 463,969							
Superior Water Light And Power Company Total		\$ 393,772	\$ 386,526	\$ 406,210	\$ 413,562	\$ 317,272	\$ 451,484	\$ 372,430							
River Falls Municipal Utility Total	5110	\$ 453,245	\$ 451,736	\$ 453,428	\$ 461,291	\$ 417,346	\$ 449,330	\$ 347,452							
Stevens Point Municipal Water Utility Total	5690	\$ 465,638	\$ 436,658	\$ 334,936	\$ 410,183	\$ 471,782	\$ 447,212	\$ 386,659							
Village of Somers Water Utility Total	5545	\$ 337,801	\$ 301,396	\$ 377,752	\$ 376,388	\$ 531,071	\$ 413,781	\$ 349,192							
Fond Du Lac Water Utility Total	2010	\$ 356,124	\$ 381,389	\$ 391,921	\$ 447,479	\$ 388,631	\$ 405,486	\$ 353,169							
Eau Claire Municipal Water Utility Total	1740	\$ 50,359	\$ 232,345	\$ 218,554	\$ 324,683	\$ 241,995	\$ 371,427	\$ 341,427							
Redgranite Water Utility Total	4960	\$ 471,036	\$ 213,508	\$ 263,884	\$ 262,908	\$ 280,939	\$ 311,661	\$ 325,785							
La Crosse Water Utility Total	2920	\$ 296,925	\$ 306,552	\$ 306,092	\$ 294,668	\$ 295,381	\$ 307,956	\$ 296,592							
Portage Water Utility Total	4760	\$ 256,647	\$ 239,456	\$ 264,755	\$ 268,539	\$ 252,411	\$ 303,582	\$ 237,827							
City of Mauston Municipal Water Utility Total	3450	\$ 258,086	\$ 261,978	\$ 257,376	\$ 274,889	\$ 266,221	\$ 288,303	\$ 161,773							
Waupaca Chain O Lakes Total		\$ 264,726	\$ 292,583	\$ 257,807	\$ 232,355	\$ 222,448	\$ 228,210	\$ 143,011							
City of Menomonie Water Department Total	3590	\$ 250,945	\$ 204,207	\$ 298,318	\$ 351,705	\$ 201,634	\$ 209,836	\$ 192,976							
Village of Jackson Water Utility Total	2720	\$ 477,734	\$ 202,318	\$ 134,911	\$ 165,405	\$ 188,827	\$ 200,637	\$ 180,110							
Bridgport Sanitary Dist Total	0705	\$ 127,845	\$ 108,351	\$ 142,409	\$ 165,181	\$ 149,248	\$ 181,950	\$ 199,227							
Oregon Municipal Water And Sewer Utility Total	4440	\$ 161,134	\$ 127,301	\$ 125,821	\$ 164,308	\$ 172,358	\$ 164,081	\$ 141,223							
Chippewa Falls Department of Public Utilities Total	1120	\$ 125,635	\$ 129,474	\$ 141,225	\$ 140,597	\$ 132,605	\$ 128,037	\$ 22,909							
Boscobel Municipal Utilities Total	0650	\$ 146,937	\$ 120,927	\$ 141,427	\$ 142,317	\$ 144,173	\$ 124,987	\$ 122,723							
Janesville Water Utility Total	2740	\$ 19,199	\$ 35,843	\$ 24,306	\$ 43,604	\$ 43,974	\$ 49,465	\$ 45,518							
City of Waukesha Water Utility Total	6240	\$ 38,035	\$ 26,799	\$ 53,476	\$ 36,452	\$ 47,724	\$ 45,471	\$ 26,920							
Delavan Water and Sewage Commission Total	1590	\$ 48,917	\$ 46,156	\$ 49,974	\$ 53,786	\$ 53,533	\$ 36,710	\$ 17,364							
Marshfield Utilities Total	3420	\$ 15,575	\$ 16,293	\$ 21,023	\$ 26,928	\$ 27,658	\$ 24,736	\$ 24,761							
WAUSAU WATER UTILITY Total	6300	\$ 29,377	\$ 30,040	\$ 27,354	\$ 26,054	\$ 24,012	\$ 23,058	\$ 17,454							
Wisconsin Rapids Water Works and Lighting Commission To	6700	\$ 18,055	\$ 17,405	\$ 22,882	\$ 21,493	\$ 17,591	\$ 17,483	\$ 14,058							
Richland Center Water Utility Total	5071	\$ 16,453	\$ 19,042	\$ 25,005	\$ 17,121	\$ 20,667	\$ 15,180	\$ 16,542							
Ashwaubenon Water And Sewer Utility Total	3750	\$ 7,278	\$ -	\$ 13,863	\$ 14,038	\$ 10,046	\$ 14,053	\$ 12,069							
Marinette Municipal Water Utility Total	3370	\$ 25,205	\$ 27,767	\$ 29,030	\$ 27,829	\$ 30,270	\$ 13,900	\$ 12,551							
Rice Lake Municipal Water and Electric Utility Total	5050	\$ 18,594	\$ 12,976	\$ 12,779	\$ 14,336	\$ 13,585	\$ 12,710	\$ 11,782							
City of Baraboo Water Utility Total	0360	\$ 52	\$ 5,260	\$ 6,273	\$ 11,533	\$ 14,768	\$ 11,995	\$ 10,354							
West Allis Municipal Water Utility Total	6360	\$ 2,793	\$ 8,649	\$ 10,936	\$ 11,467	\$ 12,787	\$ 11,171	\$ 8,162							
Menasha Electric and Water Utilities Total	3560	\$ 35,807	\$ 34,397	\$ 47,493	\$ 25,961	\$ 27,417	\$ 8,922	\$ 3,217							
City of West Bend Water Utility Total	6380	\$ 7,403	\$ 7,555	\$ 7,191	\$ 7,297	\$ 7,937	\$ 5,781	\$ 3,358							
Manitowoc Public Utilities Total	3320	\$ 6,383	\$ 6,668	\$ 7,936	\$ 5,708	\$ 6,253	\$ 4,752	\$ 3,350							
Tomahawk Municipal Water and Sewer Utility Total	5930	\$ 2,888	\$ 3,174	\$ 3,867	\$ 3,461	\$ 3,131	\$ 4,259	\$ 2,423							
Sheboygan Water Utility Total	5370	\$ 3,495	\$ 3,692	\$ 3,679	\$ 4,626	\$ 3,253	\$ 3,963	\$ 3,470							



Madison Water Utility	AB	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)		9,968,659	9,848,137	9,418,562	9,222,650	8,973,120	8,742,852	8,921,090
Total KWH used by the utility (including pumping or treatment facilities, and other utility operations)		19,499,133	20,503,441	20,291,077	19,887,710	18,929,598	19,533,013	20,245,886
KWH per 1000 Gals		1.96	2.08	2.15	2.16	2.11	2.23	2.27
Fuel or Power Purchased for Pumping		\$ 2,163,722	\$ 2,101,069	\$ 2,164,640	\$ 2,070,053	\$ 1,861,531	\$ 1,811,684	\$ 1,911,631
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)		\$ 0.2171	\$ 0.2133	\$ 0.2298	\$ 0.2245	\$ 0.2075	\$ 0.2072	\$ 0.2143
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh		\$ 0.1110	\$ 0.1025	\$ 0.1067	\$ 0.1041	\$ 0.0983	\$ 0.0927	\$ 0.0944
WI Utility CO2e Emissions CO2lb/1000 Gal		2.93	2.88	3.12	3.01	2.60	2.65	2.61
Total Water Loss as a percentage of net water supplied		12.00%	13.00%	12.00%	12.00%	13.00%	11.00%	14.00%
<b>Residential</b>								
Residential Customers		57,563	57,951	58,341	56,700	57,068	57,493	57,885
Residential 1000 Gals		2,942,225	2,695,315	2,713,945	2,634,319	2,422,501	2,667,672	2,634,059
Residential Amount		\$ 11,211,318	\$ 12,419,748	\$ 12,290,565	\$ 12,493,441	\$ 17,685,746	\$ 20,007,035	\$ 21,555,254
Residential Rev \$/1000 Gal		\$ 3.81	\$ 4.61	\$ 4.53	\$ 4.74	\$ 7.30	\$ 7.50	\$ 8.18
<b>Commercial</b>								
Commercial Customers		4,847	4,886	4,918	4,955	4,981	5,007	5,036
Commercial 1000 Gals		1,954,584	1,987,536	1,901,825	1,850,335	1,756,849	1,449,331	1,489,372
Commercial Amount		\$ 4,562,907	\$ 5,904,990	\$ 5,634,529	\$ 5,728,589	\$ 8,659,149	\$ 7,560,569	\$ 8,276,635
Commercial Rev \$/1000 Gal		\$ 2.33	\$ 2.97	\$ 2.96	\$ 3.10	\$ 4.93	\$ 5.22	\$ 5.56
<b>Industrial</b>								
Industrial Customers		48	47	46	47	50	52	54
Industrial 1000 Gals		554,360	412,776	250,351	197,963	205,850	204,834	212,309
Industrial Amount		\$ 959,928	\$ 1,059,706	\$ 666,621	\$ 531,820	\$ 843,297	\$ 919,679	\$ 1,070,622
Industrial Rev \$/1000 Gal		\$ 1.73	\$ 2.57	\$ 2.66	\$ 2.69	\$ 4.10	\$ 4.49	\$ 5.04
<b>Public Authority</b>								
Public Authority Customers		476	478	490	481	475	479	480
Public Authority 1000 Gals		1,150,229	1,304,450	1,267,843	1,205,838	1,176,100	1,010,543	993,735
Public Authority Amount		\$ 2,848,298	\$ 4,502,228	\$ 4,397,155	\$ 4,357,131	\$ 5,971,080	\$ 5,286,155	\$ 5,357,024
Public Authority Rev \$/1000 Gal		\$ 2.48	\$ 3.45	\$ 3.47	\$ 3.61	\$ 5.08	\$ 5.23	\$ 5.39
<b>Multifamily Residential</b>								
Multifamily Residential Customers		4,151	4,171	4,213	4,259	4,320	4,390	4,464
Multifamily Residential 1000 Gals		1,878,666	1,940,464	1,914,100	1,974,229	1,959,055	2,057,547	2,008,322
Multifamily Residential Amount		\$ 4,832,371	\$ 5,628,654	\$ 5,613,411	\$ 5,883,892	\$ 8,107,000	\$ 8,638,819	\$ 9,125,543
Multifamily Residential Rev \$/1000 Gal		\$ 2.57	\$ 2.90	\$ 2.93	\$ 2.98	\$ 4.14	\$ 4.20	\$ 4.54
<b>Irrigation</b>								
Irrigation Customers					1,995	2,005	2,022	2,024
Irrigation 1000 Gals					7,323	123,684	132,238	129,079
Irrigation Amount					\$ 59,528	\$ 703,253	\$ 764,961	\$ 804,490
Irrigation Rev \$/1000 Gal					\$ 8.13	\$ 5.69	\$ 5.78	\$ 6.23
Annual Report Contacts	Contact	City	Zip	Phone	Email			
Correspond	Kathy Schwenn	Madison	53713	6082664645	kschwenn@madisonwater.org			
General Manager	Krishna Kumar	Madison	53713	6082664652	kkumar@madisonwater.org			
President	Gene McLinn	Madison	53713	6086304961	gmdclinn@burnsmcd.com			

City of Oshkosh Water Utility	AB	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)		2,177,770	2,043,554	2,125,672	2,118,728	2,112,662	2,048,119	2,210,157
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)		3,713,130	3,933,200	3,857,000	3,886,500	3,671,600	3,688,200	3,844,000
KWH per 1000 Gals		1.71	1.92	1.81	1.83	1.74	1.80	1.74
Fuel or Power Purchased for Pumping	\$	326,497	316,930	307,423	306,695	281,067	278,311	300,660
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$	0.1499	0.1551	0.1446	0.1448	0.1330	0.1359	0.1360
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$	0.0879	0.0806	0.0797	0.0789	0.0766	0.0755	0.0782
WI Utility CO2e Emissions CO2lb/1000 Gal		2.55	2.67	2.63	2.56	2.14	2.14	2.00
Total Water Loss as a percentage of net water supplied		22.00%	16.00%	20.00%	20.00%	10.00%	21.00%	27.00%
<b>Residential</b>								
Residential Customers		20,413	20,569	20,585	20,823	20,948	20,809	21,090
Residential 1000 Gals		750,044	735,845	721,433	724,861	818,076	721,947	704,664
Residential Amount	\$	6,330,513	6,488,961	6,727,495	6,810,046	6,953,825	7,154,784	6,927,389
Residential Rev \$/1000 Gal	\$	8.44	8.82	9.33	9.39	8.50	9.91	9.83
<b>Commercial</b>								
Commercial Customers		1,983	1,992	2,001	2,020	2,045	2,026	2,056
Commercial 1000 Gals		317,203	332,036	336,108	346,223	396,905	303,865	323,779
Commercial Amount	\$	2,046,098	2,196,558	2,348,607	2,428,600	2,501,169	2,251,943	2,386,982
Commercial Rev \$/1000 Gal	\$	6.45	6.62	6.99	7.01	6.30	7.41	7.37
<b>Industrial</b>								
Industrial Customers		120	119	118	118	115	114	114
Industrial 1000 Gals		196,895	203,738	197,987	197,012	197,696	182,604	189,952
Industrial Amount	\$	1,067,434	1,137,021	1,153,619	1,171,145	1,138,586	1,137,699	1,163,361
Industrial Rev \$/1000 Gal	\$	5.42	5.58	5.83	5.94	5.76	6.23	6.12
<b>Public Authority</b>								
Public Authority Customers		295	295	300	301	279	277	278
Public Authority 1000 Gals		239,184	246,132	243,281	244,142	266,994	207,514	210,689
Public Authority Amount	\$	1,332,966	1,432,490	1,516,355	1,526,711	1,571,422	1,355,814	1,386,629
Public Authority Rev \$/1000 Gal	\$	5.57	5.82	6.23	6.25	5.89	6.53	6.58
<b>Multifamily Residential</b>								
Multifamily Residential Customers		571	563	569	570	568	564	568
Multifamily Residential 1000 Gals		172,988	173,246	174,921	171,662	199,455	171,367	162,975
Multifamily Residential Amount	\$	1,082,215	1,125,739	1,207,325	1,181,407	1,240,420	1,257,816	1,204,113
Multifamily Residential Rev \$/1000 Gal	\$	6.26	6.50	6.90	6.88	6.22	7.34	7.39
<b>Irrigation</b>								
Irrigation Customers								
Irrigation 1000 Gals								
Irrigation Amount								
Irrigation Rev \$/1000 Gal								
Annual Report Contacts	Contact	Address	City	Zip	Phone	Email		
Correspond	KEN GABRIELSON	215 CHURCH AVE	OSHKOSH	54903	9202325321	KGABRIELSON@CI.OSHKOSH.WI.US		
General Manager	JAMES RABE	215 CHURCH AVE	OSHKOSH	54903	9202365065	JRABE@CI.OSHKOSH.WI.US		
President	MARK ROHLOFF	215 CHURCH AVE	OSHKOSH	54903	9202365002	MROHLOFF@CI.OSHKOSH.WI.US		

Waupun Public Utilities	AB	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)		273,668	253,283	237,620	251,768	236,179	196,571	177,978
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)		1,497,938	1,330,211	1,296,612	1,369,580	1,264,158	1,096,701	998,977
KWH per 1000 Gals		5.47	5.25	5.46	5.44	5.35	5.58	5.61
Fuel or Power Purchased for Pumping		\$ 93,186	\$ 83,551	\$ 85,070	\$ 93,540	\$ 87,127	\$ 79,429	\$ 79,203
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)		\$ 0.3405	\$ 0.3299	\$ 0.3580	\$ 0.3715	\$ 0.3689	\$ 0.4041	\$ 0.4450
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh		\$ 0.0622	\$ 0.0628	\$ 0.0656	\$ 0.0683	\$ 0.0689	\$ 0.0724	\$ 0.0793
WI Utility CO2e Emissions CO2lb/1000 Gal		8.20	7.27	7.91	7.58	6.60	6.63	6.46
Total Water Loss as a percentage of net water supplied		36.00%	32.00%	15.00%	31.00%	24.00%	12.00%	4.00%
<b>Residential</b>								
Residential Customers		2,964	2,964	2,971	2,977	2,990	3,007	3,021
Residential 1000 Gals		99,439	98,923	98,404	99,180	102,175	102,659	100,592
Residential Amount		\$ 1,194,821	\$ 1,190,794	\$ 1,187,710	\$ 1,196,513	\$ 1,221,023	\$ 1,227,399	\$ 1,215,021
Residential Rev \$/1000 Gal		\$ 12.02	\$ 12.04	\$ 12.07	\$ 12.06	\$ 11.95	\$ 11.96	\$ 12.08
<b>Commercial</b>								
Commercial Customers		285	283	285	272	270	268	269
Commercial 1000 Gals		18,728	18,920	18,691	24,291	25,909	23,601	24,848
Commercial Amount		\$ 185,111	\$ 185,733	\$ 185,212	\$ 214,867	\$ 225,191	\$ 208,399	\$ 218,667
Commercial Rev \$/1000 Gal		\$ 9.88	\$ 9.82	\$ 9.91	\$ 8.85	\$ 8.69	\$ 8.83	\$ 8.80
<b>Industrial</b>								
Industrial Customers		13	13	13	10	10	10	10
Industrial 1000 Gals		18,706	20,435	18,526	11,767	13,448	12,851	11,263
Industrial Amount		\$ 117,244	\$ 125,579	\$ 115,871	\$ 75,482	\$ 83,933	\$ 80,661	\$ 71,390
Industrial Rev \$/1000 Gal		\$ 6.27	\$ 6.15	\$ 6.25	\$ 6.41	\$ 6.24	\$ 6.28	\$ 6.34
<b>Public Authority</b>								
Public Authority Customers		19	19	18	35	37	37	37
Public Authority 1000 Gals		4,337	4,254	4,357	5,583	5,785	3,708	4,714
Public Authority Amount		\$ 40,038	\$ 38,684	\$ 37,337	\$ 50,347	\$ 51,666	\$ 38,722	\$ 45,092
Public Authority Rev \$/1000 Gal		\$ 9.23	\$ 9.09	\$ 8.57	\$ 9.02	\$ 8.93	\$ 10.44	\$ 9.57
<b>Multifamily Residential</b>								
Multifamily Residential Customers		76	76	76	76	77	78	80
Multifamily Residential 1000 Gals		22,247	21,042	21,941	22,482	20,450	21,459	22,189
Multifamily Residential Amount		\$ 178,074	\$ 170,400	\$ 175,994	\$ 180,382	\$ 166,696	\$ 177,225	\$ 179,919
Multifamily Residential Rev \$/1000 Gal		\$ 8.00	\$ 8.10	\$ 8.02	\$ 8.02	\$ 8.15	\$ 8.26	\$ 8.11
<b>Irrigation</b>								
Irrigation Customers								
Irrigation 1000 Gals								
Irrigation Amount								
Irrigation Rev \$/1000 Gal								
Annual Report Contacts		Contact	Address	City	Zip	Phone	Email	
Correspond	Jeff Stanek	817 South Madison Street	Waupun	53963	9203247920	jstane@waupunutilities.org		
General Manager	Steve Brooks	817 South Madison Street	Waupun	53963	9203247920	sbrooks@waupunutilities.org		
President	Joe Heeringa	817 South Madison Street	Waupun	53963	9203247920	waupunutilities@waupunutilities.org		

	AB						
	2015	2016	2017	2018	2019	2020	2021
<b>Milwaukee Water Works</b>							
Finished Water pumped or purchased (000s)	35,872,390	35,447,260	34,455,900	35,505,660	33,838,560	32,532,290	33,843,470
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	64,938,962	63,096,786	63,027,440	62,783,176	58,474,881	60,368,084	63,863,319
KWH per 1000 Gals	1.81	1.78	1.83	1.77	1.73	1.86	1.89
Fuel or Power Purchased for Pumping	\$ 5,759,906	\$ 5,434,434	\$ 5,398,809	\$ 5,213,418	\$ 4,939,189	\$ 5,109,335	\$ 6,405,633
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.1606	\$ 0.1533	\$ 0.1567	\$ 0.1468	\$ 0.1460	\$ 0.1571	\$ 0.1893
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.0887	\$ 0.0861	\$ 0.0857	\$ 0.0830	\$ 0.0845	\$ 0.0846	\$ 0.1003
WI Utility CO2e Emissions CO2lb/1000 Gal	2.71	2.47	2.65	2.46	2.13	2.20	2.17
Total Water Loss as a percentage of net water supplied	21.00%	19.00%	19.00%	22.00%	21.00%	19.00%	22.00%
<b>Residential</b>							
Residential Customers	138,114	137,853	137,623	137,449	137,249	137,819	137,846
Residential 1000 Gals	8,940,387	8,861,336	8,593,075	8,514,139	8,353,325	8,488,858	8,329,328
Residential Amount	\$ 32,991,815	\$ 33,081,431	\$ 33,368,743	\$ 34,017,411	\$ 33,613,564	\$ 35,045,706	\$ 34,643,090
Residential Rev \$/1000 Gal	\$ 3.69	\$ 3.73	\$ 3.88	\$ 4.00	\$ 4.02	\$ 4.13	\$ 4.16
<b>Commercial</b>							
Commercial Customers	13,857	12,788	12,384	12,383	12,471	12,554	12,600
Commercial 1000 Gals	7,150,758	5,265,290	4,996,134	4,981,519	4,808,626	4,215,643	4,413,519
Commercial Amount	\$ 21,338,115	\$ 15,975,104	\$ 15,352,237	\$ 15,763,742	\$ 15,296,846	\$ 14,168,060	\$ 14,750,967
Commercial Rev \$/1000 Gal	\$ 2.98	\$ 3.03	\$ 3.07	\$ 3.16	\$ 3.18	\$ 3.36	\$ 3.34
<b>Industrial</b>							
Industrial Customers	1,384	1,355	1,313	1,295	1,296	1,302	1,291
Industrial 1000 Gals	3,181,194	3,150,200	3,159,837	3,231,728	2,859,866	2,621,427	2,753,671
Industrial Amount	\$ 6,419,166	\$ 6,383,048	\$ 6,580,248	\$ 6,858,015	\$ 6,149,943	\$ 5,784,785	\$ 5,987,677
Industrial Rev \$/1000 Gal	\$ 2.02	\$ 2.03	\$ 2.08	\$ 2.12	\$ 2.15	\$ 2.21	\$ 2.17
<b>Public Authority</b>							
Public Authority Customers	1,006	987	922	917	915	920	919
Public Authority 1000 Gals	1,737,990	1,747,948	1,696,505	1,621,696	1,529,359	1,414,535	1,430,332
Public Authority Amount	\$ 4,154,925	\$ 4,313,363	\$ 4,276,697	\$ 4,175,461	\$ 3,995,068	\$ 3,734,818	\$ 3,763,760
Public Authority Rev \$/1000 Gal	\$ 2.39	\$ 2.47	\$ 2.52	\$ 2.57	\$ 2.61	\$ 2.64	\$ 2.63
<b>Multifamily Residential</b>							
Multifamily Residential Customers	7,739	8,823	8,816	8,809	8,777	8,778	8,767
Multifamily Residential 1000 Gals	853,554	2,743,666	2,942,539	2,902,716	2,857,729	2,913,131	2,868,402
Multifamily Residential Amount	\$ 2,565,254	\$ 8,375,394	\$ 9,102,666	\$ 9,257,189	\$ 9,207,124	\$ 9,641,924	\$ 9,507,699
Multifamily Residential Rev \$/1000 Gal	\$ 3.01	\$ 3.05	\$ 3.09	\$ 3.19	\$ 3.22	\$ 3.31	\$ 3.31
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
<b>Annual Report Contacts</b>							
Correspond	Terry Ignatowski	841 N Broadway - Room 409	Milwaukee	53202	4142862927	Terry.M.ignatowski@milwaukee.gov	
General Manager	Patrick Pauly	841 N Broadway - Room 409	Milwaukee	53202	4142862802	patrick.w.pauly@milwaukee.gov	
President	Jerrel Kruschke	841 N Broadway - 7th Floor	Milwaukee	53202	4142863301	jkrusc@milwaukee.gov	

	AB						
	2015	2016	2017	2018	2019	2020	2021
<b>Village of Allouez Water Department</b>							
Finished Water pumped or purchased (000s)	417,362	389,759	380,464	402,567	398,950	399,596	376,839
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	122,639	111,037	98,193	102,281	111,629	87,374	90,858
KWH per 1000 Gals	0.29	0.28	0.26	0.25	0.28	0.22	0.24
Fuel or Power Purchased for Pumping	\$ 17,376	\$ 12,497	\$ 12,437	\$ 12,831	\$ 14,426	\$ 10,961	\$ -
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.0416	\$ 0.0321	\$ 0.0327	\$ 0.0319	\$ 0.0362	\$ 0.0274	\$ -
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.1417	\$ 0.1125	\$ 0.1267	\$ 0.1254	\$ 0.1292	\$ 0.1254	\$ -
WI Utility CO2e Emissions CO2lb/1000 Gal	0.44	0.39	0.37	0.35	0.35	0.26	0.28
Total Water Loss as a percentage of net water supplied	17.00%	13.00%	15.00%	17.00%	20.00%	10.00%	17.00%
<b>Residential</b>							
Residential Customers	5,245	5,246	5,255	5,298	5,308	5,314	5,325
Residential 1000 Gals	222,977	216,658	203,461	208,402	200,044	233,592	210,892
Residential Amount	\$ 1,844,636	\$ 2,003,366	\$ 1,979,738	\$ 1,993,307	\$ 1,919,486	\$ 2,267,748	\$ 2,080,973
Residential Rev \$/1000 Gal	\$ 8.27	\$ 9.25	\$ 9.73	\$ 9.56	\$ 9.60	\$ 9.71	\$ 9.87
<b>Commercial</b>							
Commercial Customers	211	212	212	211	213	210	197
Commercial 1000 Gals	44,553	45,368	45,058	43,620	44,255	42,403	39,446
Commercial Amount	\$ 316,558	\$ 362,596	\$ 374,534	\$ 362,483	\$ 356,477	\$ 365,859	\$ 342,328
Commercial Rev \$/1000 Gal	\$ 7.11	\$ 7.99	\$ 8.31	\$ 8.31	\$ 8.06	\$ 8.63	\$ 8.68
<b>Industrial</b>							
Industrial Customers							
Industrial 1000 Gals							
Industrial Amount							
Industrial Rev \$/1000 Gal							
<b>Public Authority</b>							
Public Authority Customers	27	27	27	26	26	23	24
Public Authority 1000 Gals	68,533	68,265	66,791	71,279	67,704	72,417	54,890
Public Authority Amount	\$ 383,290	\$ 462,645	\$ 493,866	\$ 501,912	\$ 473,669	\$ 519,466	\$ 400,382
Public Authority Rev \$/1000 Gal	\$ 5.59	\$ 6.78	\$ 7.39	\$ 7.04	\$ 7.00	\$ 7.17	\$ 7.29
<b>Multifamily Residential</b>							
Multifamily Residential Customers	15	15	15	15	15	8	17
Multifamily Residential 1000 Gals	7,093	7,490	7,605	7,688	7,070	8,046	7,996
Multifamily Residential Amount	\$ 49,190	\$ 52,770	\$ 61,399	\$ 60,877	\$ 56,746	\$ 66,041	\$ 64,080
Multifamily Residential Rev \$/1000 Gal	\$ 6.94	\$ 7.05	\$ 8.07	\$ 7.92	\$ 8.03	\$ 8.21	\$ 8.01
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
Annual Report Contacts	Contact	Address	City	Zip	Phone	Email	
Correspond	Julie Beauchamp	1900 Libal Street	Green Bay	54301	9204482800	julieb@villageofallouez.com	
General Manager	Sean Gehin	1900 Libal Street	Green Bay	54301	9204482800	seang@villageofallouez.com	
President	Jim Rafter	1900 Libal Street	Green Bay	54301	9204482800	jrafter@villageofallouez.com	

City of New Lisbon Electric and Water Utility	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)	77,824	77,485	78,558	84,167	80,633	76,994	76,745
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	114,245	116,259	129,894	145,113	132,846	132,846	119,353
KWH per 1000 Gals	1.47	1.50	1.65	1.72	1.65	1.73	1.56
Fuel or Power Purchased for Pumping	\$ 13,035	\$ 12,946	\$ 12,659	\$ 14,935	\$ 12,350	\$ 14,220	\$ 13,194
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.1675	\$ 0.1671	\$ 0.1611	\$ 0.1774	\$ 0.1532	\$ 0.1847	\$ 0.1719
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.1141	\$ 0.1114	\$ 0.0975	\$ 0.1029	\$ 0.0930	\$ 0.1070	\$ 0.1105
WI Utility CO2e Emissions CO2lb/1000 Gal	2.20	2.08	2.40	2.40	2.03	2.05	1.79
Total Water Loss as a percentage of net water supplied	4.00%	5.00%	1.00%	1.00%	3.00%	4.00%	6.00%
<b>Residential</b>							
Residential Customers	449	442	436	436	456	458	462
Residential 1000 Gals	14,821	14,900	14,752	15,673	14,861	15,205	14,640
Residential Amount	\$ 131,846	\$ 136,944	\$ 155,210	\$ 165,331	\$ 161,277	\$ 167,534	\$ 164,100
Residential Rev \$/1000 Gal	\$ 8.90	\$ 9.19	\$ 10.52	\$ 10.55	\$ 10.85	\$ 11.02	\$ 11.21
<b>Commercial</b>							
Commercial Customers	67	68	66	66	64	73	66
Commercial 1000 Gals	12,627	12,050	12,277	13,071	11,832	10,626	11,626
Commercial Amount	\$ 160,282	\$ 67,516	\$ 80,758	\$ 88,713	\$ 80,691	\$ 74,444	\$ 80,665
Commercial Rev \$/1000 Gal	\$ 12.69	\$ 5.60	\$ 6.58	\$ 6.79	\$ 6.82	\$ 7.01	\$ 6.94
<b>Industrial</b>							
Industrial Customers	17	17	17	17	17	19	19
Industrial 1000 Gals	4,902	4,175	4,211	4,224	3,549	2,209	3,372
Industrial Amount	\$ 25,926	\$ 23,647	\$ 27,817	\$ 29,413	\$ 25,697	\$ 18,108	\$ 24,249
Industrial Rev \$/1000 Gal	\$ 5.29	\$ 5.66	\$ 6.61	\$ 6.96	\$ 7.24	\$ 8.20	\$ 7.19
<b>Public Authority</b>							
Public Authority Customers	23	23	22	23	24	28	24
Public Authority 1000 Gals	35,391	34,990	36,682	37,935	37,045	38,333	35,588
Public Authority Amount	\$ 17,366	\$ 115,602	\$ 177,878	\$ 201,452	\$ 197,056	\$ 204,244	\$ 190,898
Public Authority Rev \$/1000 Gal	\$ 0.49	\$ 3.30	\$ 4.85	\$ 5.31	\$ 5.32	\$ 5.33	\$ 5.36
<b>Multifamily Residential</b>							
Multifamily Residential Customers	18	18	18	18	18	18	18
Multifamily Residential 1000 Gals	6,187	6,257	6,948	8,041	7,680	5,999	6,605
Multifamily Residential Amount	\$ 32,582	\$ 34,216	\$ 43,040	\$ 50,874	\$ 48,943	\$ 40,412	\$ 43,073
Multifamily Residential Rev \$/1000 Gal	\$ 5.27	\$ 5.47	\$ 6.19	\$ 6.33	\$ 6.37	\$ 6.74	\$ 6.52
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
<b>Annual Report Contacts</b>	Contact	Address	City	Zip	Phone	Email	
Correspond	JENNIE WILHORN	232 WEST PLEASANT STREET	NEW LISBON	53950	6085623103	NLUTIL2@MMWT.NET	
General Manager	NICK WYSS	232 WEST PLEASANT STREET	NEW LISBON	53950	6085623103	NLDPW@MMWT.NET	
President	SHELDON LA BUDDA	232 WEST PLEASANT STREET	NEW LISBON	53950	6085623103	LUBELEC@MMWT.NET	

Stanley Municipal Waterworks	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)	272,751	296,805	290,430	283,295	294,308	296,464	287,921
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	345,452	372,837	378,387	407,524	397,884	388,334	374,949
KWH per 1000 Gals	1.27	1.26	1.30	1.44	1.35	1.31	1.30
Fuel or Power Purchased for Pumping	\$ 39,037	\$ 38,198	\$ 45,007	\$ 48,961	\$ 46,562	\$ 41,320	\$ 50,375
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.1431	\$ 0.1287	\$ 0.1550	\$ 0.1728	\$ 0.1582	\$ 0.1394	\$ 0.1750
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.1130	\$ 0.1025	\$ 0.1189	\$ 0.1201	\$ 0.1170	\$ 0.1064	\$ 0.1344
WI Utility CO2e Emissions CO2lb/1000 Gal	1.90	1.74	1.89	2.01	1.67	1.56	1.50
Total Water Loss as a percentage of net water supplied	4.00%	6.00%	6.00%	5.00%	15.00%	11.00%	
<b>Residential</b>							
Residential Customers	875	771	943	900	877	866	788
Residential 1000 Gals	26,756	25,365	25,858	25,257	24,336	26,037	27,075
Residential Amount	\$ 202,050	\$ 212,368	\$ 224,717	\$ 246,441	\$ 246,773	\$ 252,923	\$ 263,559
Residential Rev \$/1000 Gal	\$ 7.55	\$ 8.37	\$ 8.69	\$ 9.76	\$ 10.14	\$ 9.71	\$ 9.73
<b>Commercial</b>							
Commercial Customers	107	100	105	103	101	96	91
Commercial 1000 Gals	7,062	6,881	7,056	6,472	6,612	7,272	6,551
Commercial Amount	\$ 46,192	\$ 49,041	\$ 51,752	\$ 49,376	\$ 53,753	\$ 56,258	\$ 51,492
Commercial Rev \$/1000 Gal	\$ 6.54	\$ 7.13	\$ 7.33	\$ 7.63	\$ 8.13	\$ 7.74	\$ 7.86
<b>Industrial</b>							
Industrial Customers	16	17	11	11	9	10	18
Industrial 1000 Gals	215,413	228,749	5,210	5,890	5,050	5,213	141,099
Industrial Amount	\$ 888,369	\$ 1,016,031	\$ 476,120	\$ 32,436	\$ 30,592	\$ 36,060	\$ 695,091
Industrial Rev \$/1000 Gal	\$ 4.12	\$ 4.44	\$ 91.39	\$ 5.51	\$ 6.06	\$ 6.92	\$ 4.93
<b>Public Authority</b>							
Public Authority Customers	27	29	37	38	30	29	26
Public Authority 1000 Gals	6,582	5,377	224,879	226,366	208,881	219,369	86,121
Public Authority Amount	\$ 33,164	\$ 34,252	\$ 623,580	\$ 1,266,474	\$ 1,243,401	\$ 1,222,725	\$ 598,888
Public Authority Rev \$/1000 Gal	\$ 5.04	\$ 6.37	\$ 2.77	\$ 5.59	\$ 5.95	\$ 5.57	\$ 6.95
<b>Multifamily Residential</b>							
Multifamily Residential Customers	15	15	17	14	14	16	14
Multifamily Residential 1000 Gals	4,012	3,543	3,315	3,340	3,569	4,863	4,283
Multifamily Residential Amount	\$ 23,977	\$ 22,754	\$ 22,961	\$ 27,857	\$ 32,801	\$ 36,163	\$ 34,634
Multifamily Residential Rev \$/1000 Gal	\$ 5.98	\$ 6.42	\$ 6.93	\$ 8.34	\$ 9.19	\$ 7.44	\$ 8.09
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
<b>Annual Report Contacts</b>	Contact	Address	City	Zip	Phone	Email	
Correspond	Nicole Thiel	P.O Box 155	Stanley	54768	7156445768	clerk@stanleywisconsin.us	
General Manager	Don Goettl	P.O Box 155	Stanley	54768	7156445758	clerk@stanleywisconsin.us	
President	Rick Hodowanic	P.O Box 155	Stanley	54768	7156445758	clerk@stanleywisconsin.us	

Racine Water Works Commission	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)	5,879,577	6,151,748	6,052,613	5,930,497	5,656,233	5,575,437	5,700,570
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	9,463,937	9,715,144	9,598,105	9,306,871	9,297,430	9,165,350	9,583,499
KWH per 1000 Gals	1.61	1.58	1.59	1.57	1.64	1.64	1.68
Fuel or Power Purchased for Pumping	\$ 551,756	\$ 556,770	\$ 535,777	\$ 511,820	\$ 526,895	\$ 552,994	\$ 594,710
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.0938	\$ 0.0905	\$ 0.0885	\$ 0.0863	\$ 0.0932	\$ 0.0992	\$ 0.1043
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.0583	\$ 0.0573	\$ 0.0558	\$ 0.0550	\$ 0.0567	\$ 0.0603	\$ 0.0621
WI Utility CO2e Emissions CO2lb/1000 Gal	2.41	2.19	2.30	2.19	2.03	1.95	1.94
Total Water Loss as a percentage of net water supplied	15.00%	16.00%	18.00%	20.00%	19.00%	17.00%	16.00%
<b>Residential</b>							
Residential Customers	30,519	30,425	30,375	30,669	30,565	31,017	31,020
Residential 1000 Gals	1,667,400	1,686,721	1,625,188	1,664,391	1,599,839	1,674,185	1,694,615
Residential Amount	\$ 8,073,533	\$ 8,283,261	\$ 8,275,283	\$ 8,665,475	\$ 8,686,436	\$ 9,032,853	\$ 9,781,900
Residential Rev \$/1000 Gal	\$ 4.84	\$ 4.91	\$ 5.09	\$ 5.21	\$ 5.43	\$ 5.40	\$ 5.77
<b>Commercial</b>							
Commercial Customers	2,393	2,308	2,282	2,272	2,259	2,298	2,296
Commercial 1000 Gals	527,964	533,488	510,363	523,064	487,540	461,015	506,100
Commercial Amount	\$ 1,907,556	\$ 1,911,583	\$ 1,859,566	\$ 2,076,892	\$ 1,992,846	\$ 1,763,924	\$ 2,218,999
Commercial Rev \$/1000 Gal	\$ 3.61	\$ 3.58	\$ 3.64	\$ 3.97	\$ 4.09	\$ 3.83	\$ 4.38
<b>Industrial</b>							
Industrial Customers	305	302	301	298	299	298	298
Industrial 1000 Gals	1,580,460	1,860,141	1,645,512	1,441,875	1,343,737	1,328,965	1,409,011
Industrial Amount	\$ 4,127,069	\$ 4,772,493	\$ 4,411,842	\$ 4,181,465	\$ 3,885,050	\$ 3,460,030	\$ 4,764,667
Industrial Rev \$/1000 Gal	\$ 2.61	\$ 2.57	\$ 2.68	\$ 2.90	\$ 2.89	\$ 2.60	\$ 3.38
<b>Public Authority</b>							
Public Authority Customers	157	153	156	160	158	156	154
Public Authority 1000 Gals	255,887	277,531	276,970	293,345	280,786	265,159	268,120
Public Authority Amount	\$ 773,796	\$ 808,725	\$ 831,435	\$ 945,495	\$ 910,426	\$ 809,997	\$ 990,371
Public Authority Rev \$/1000 Gal	\$ 3.02	\$ 2.91	\$ 3.00	\$ 3.22	\$ 3.24	\$ 3.05	\$ 3.69
<b>Multifamily Residential</b>							
Multifamily Residential Customers	777	848	855	858	856	869	876
Multifamily Residential 1000 Gals	337,676	374,221	363,735	374,192	372,781	396,768	389,007
Multifamily Residential Amount	\$ 1,278,347	\$ 1,399,471	\$ 1,374,634	\$ 1,549,506	\$ 1,540,231	\$ 1,493,913	\$ 1,711,789
Multifamily Residential Rev \$/1000 Gal	\$ 3.79	\$ 3.74	\$ 3.78	\$ 4.14	\$ 4.13	\$ 3.77	\$ 4.40
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
Annual Report Contacts	Contact	Address	City	Zip	Phone	Email	
Correspond	Kenneth Scolaro	800 Center St Room 227	Racine	53403	2626369433	ken.scolaro@cityofracine.org	
General Manager	Mike Gitter	800 Center St Room 227	Racine	53403	2626369430	mike.gitter@cityofracine.org	
President	Alderman John Tate II	2044 Kinzie Ave	Racine	53403	4143787710	john.tate@cityofracine.org	



Union Grove Municipal Water Utility	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)	141,450	144,343	148,449	138,698	131,473	142,664	
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	429,446	456,840	457,941	457,941	392,760	435,400	
KWH per 1000 Gals	3.04	3.16	3.08	3.30	2.99	3.05	
Fuel or Power Purchased for Pumping	\$ 56,253	\$ 53,026	\$ 60,228	\$ 57,896	\$ 52,599	\$ 57,689	\$ -
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.3977	\$ 0.3674	\$ 0.4057	\$ 0.4174	\$ 0.4001	\$ 0.4044	
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.1310	\$ 0.1161	\$ 0.1315	\$ 0.1264	\$ 0.1339	\$ 0.1325	
WI Utility CO2e Emissions CO2lb/1000 Gal	4.55	4.38	4.47	4.60	3.68	3.63	
Total Water Loss as a percentage of net water supplied	14.00%	16.00%	20.00%	12.00%	16.00%	19.00%	
<b>Residential</b>							
Residential Customers	1,337	1,354	1,359	1,320	1,321	1,333	
Residential 1000 Gals	62,142	62,488	60,466	59,226	56,780	62,030	
Residential Amount	\$ 402,512	\$ 406,691	\$ 400,682	\$ 405,449	\$ 399,273	\$ 439,546	
Residential Rev \$/1000 Gal	\$ 6.48	\$ 6.51	\$ 6.63	\$ 6.85	\$ 7.03	\$ 7.09	
<b>Commercial</b>							
Commercial Customers	154	156	156	150	151	152	
Commercial 1000 Gals	19,777	20,329	19,181	20,529	20,039	19,658	
Commercial Amount	\$ 103,933	\$ 103,127	\$ 103,907	\$ 103,725	\$ 102,795	\$ 103,462	
Commercial Rev \$/1000 Gal	\$ 5.26	\$ 5.07	\$ 5.42	\$ 5.05	\$ 5.13	\$ 5.26	
<b>Industrial</b>							
Industrial Customers	19	20	20	15	15	15	
Industrial 1000 Gals	15,914	16,587	15,570	15,183	11,963	9,181	
Industrial Amount	\$ 55,701	\$ 57,971	\$ 55,693	\$ 55,976	\$ 47,146	\$ 38,679	
Industrial Rev \$/1000 Gal	\$ 3.50	\$ 3.49	\$ 3.58	\$ 3.69	\$ 3.94	\$ 4.21	
<b>Public Authority</b>							
Public Authority Customers	18	18	18	10	11	11	
Public Authority 1000 Gals	7,837	6,922	6,524	5,629	5,623	5,909	
Public Authority Amount	\$ 34,270	\$ 29,970	\$ 28,727	\$ 25,362	\$ 25,674	\$ 27,747	
Public Authority Rev \$/1000 Gal	\$ 4.37	\$ 4.33	\$ 4.40	\$ 4.51	\$ 4.57	\$ 4.70	
<b>Multifamily Residential</b>							
Multifamily Residential Customers	40	40	40	43	47	48	
Multifamily Residential 1000 Gals	15,405	14,414	14,911	15,728	14,462	17,346	
Multifamily Residential Amount	\$ 70,219	\$ 66,446	\$ 68,335	\$ 73,071	\$ 68,808	\$ 83,772	
Multifamily Residential Rev \$/1000 Gal	\$ 4.56	\$ 4.61	\$ 4.58	\$ 4.65	\$ 4.76	\$ 4.83	
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
Annual Report Contacts	Contact	Address	City	Zip	Phone	Email	
Correspond	Kerry Bennett	915 15th Avenue	Union Grove	53182	2628781818	kbennett@uniongrove.net	
General Manager	Richard Plette	925 15th Avenue	Union Grove	53182	2628781511	rplette@uniongrove.net	
President	Jan Winget	925 15th Avenue	Union Grove	54166	2628220435	jwinget@uniongrove.net	

Whitewater Municipal Water Utility	2015	2016	2017	2018	2019	2020	2021
Finished Water pumped or purchased (000s)	564,081	652,983	577,475	590,710	630,674	612,392	642,010
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	1,063,800	1,202,960	1,086,816	1,132,000	1,181,540	1,677,786	1,758,984
KWH per 1000 Gals	1.89	1.84	1.88	1.92	1.87	2.74	2.74
Fuel or Power Purchased for Pumping	\$ 145,673	\$ 164,776	\$ 143,815	\$ 146,239	\$ 158,742	\$ 158,749	\$ 179,531
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.2582	\$ 0.2523	\$ 0.2490	\$ 0.2476	\$ 0.2517	\$ 0.2592	\$ 0.2796
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.1369	\$ 0.1370	\$ 0.1323	\$ 0.1292	\$ 0.1344	\$ 0.0946	\$ 0.1021
WI Utility CO2e Emissions CO2lb/1000 Gal	2.83	2.55	2.73	2.67	2.31	3.25	3.16
Total Water Loss as a percentage of net water supplied	8.00%	11.00%	3.00%	3.00%	8.00%	6.00%	7.00%
<b>Residential</b>							
Residential Customers	3,097	3,137	3,179	3,147	3,213	3,170	3,173
Residential 1000 Gals	105,998	124,673	123,880	122,612	123,810	126,915	129,442
Residential Amount	\$ 515,239	\$ 518,539	\$ 522,905	\$ 533,427	\$ 538,479	\$ 582,693	\$ 668,694
Residential Rev \$/1000 Gal	\$ 4.86	\$ 4.16	\$ 4.22	\$ 4.35	\$ 4.35	\$ 4.59	\$ 5.17
<b>Commercial</b>							
Commercial Customers	290	293	295	289	315	288	279
Commercial 1000 Gals	85,624	82,433	28,797	28,158	29,403	26,113	27,297
Commercial Amount	\$ 96,780	\$ 93,454	\$ 89,471	\$ 88,898	\$ 90,350	\$ 90,906	\$ 107,980
Commercial Rev \$/1000 Gal	\$ 1.13	\$ 1.13	\$ 3.11	\$ 3.16	\$ 3.07	\$ 3.48	\$ 3.96
<b>Industrial</b>							
Industrial Customers	44	44	44	40	42	34	34
Industrial 1000 Gals	206,050	234,043	233,832	260,942	283,236	293,943	298,678
Industrial Amount	\$ 314,174	\$ 428,271	\$ 354,056	\$ 398,998	\$ 440,419	\$ 502,954	\$ 590,759
Industrial Rev \$/1000 Gal	\$ 1.52	\$ 1.83	\$ 1.51	\$ 1.53	\$ 1.55	\$ 1.71	\$ 1.98
<b>Public Authority</b>							
Public Authority Customers	123	126	119	106	123	87	87
Public Authority 1000 Gals	80,584	86,720	76,225	72,331	70,415	53,153	63,743
Public Authority Amount	\$ 175,307	\$ 181,039	\$ 167,998	\$ 161,154	\$ 164,093	\$ 142,540	\$ 190,060
Public Authority Rev \$/1000 Gal	\$ 2.18	\$ 2.09	\$ 2.20	\$ 2.23	\$ 2.33	\$ 2.68	\$ 2.98
<b>Multifamily Residential</b>							
Multifamily Residential Customers	100	102	103	102	107	100	105
Multifamily Residential 1000 Gals	18,706	50,379	50,330	48,764	53,106	54,433	52,881
Multifamily Residential Amount	\$ 121,014	\$ 120,722	\$ 115,036	\$ 114,881	\$ 123,756	\$ 138,808	\$ 160,160
Multifamily Residential Rev \$/1000 Gal	\$ 6.47	\$ 2.40	\$ 2.29	\$ 2.36	\$ 2.33	\$ 2.55	\$ 3.03
<b>Irrigation</b>							
Irrigation Customers	-	-	-	-	-	-	-
Irrigation 1000 Gals	-	-	-	-	-	-	-
Irrigation Amount	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Irrigation Rev \$/1000 Gal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Annual Report Contacts	Contact	Address	City	Zip	Phone	Email	
Correspond	STEVE HATTON	312 W WHITEWATER ST	WHITEWATER	53190	2624731381	shatton@whitewater-wi.gov	
General Manager	JIM BERGNER	312 W WHITEWATER ST	WHITEWATER	53190	2624730560	jbergner@whitewater-wi.gov	
President	CAMERON CLAPPER	312 W WHITEWATER ST	WHITEWATER	53190	2624730100	cclapper@whitewater-wi.gov	

	2015	2016	2017	2018	2019	2020	2021
<b>Platteville Water and Sewer Utility</b>	AB	AB	AB	AB	AB	AB	AB
Finished Water pumped or purchased (000s)	287,385	289,988	270,127	275,387	285,717	270,546	306,879
Total KWH used by the utility (including pumping or treatment facilities and other utility operations)	835,050	867,750	855,450	874,600	873,700	847,450	892,900
KWH per 1000 Gals	2.91	2.99	3.17	3.18	3.06	3.13	2.91
Fuel or Power Purchased for Pumping	\$ 112,476	\$ 104,960	\$ 100,527	\$ 104,191	\$ 94,542	\$ 92,949	\$ 98,218
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s)	\$ 0.3914	\$ 0.3619	\$ 0.3721	\$ 0.3783	\$ 0.3309	\$ 0.3436	\$ 0.3201
Fuel or Power Purchased for Pumping per Finished Water pumped or purchased (000s) per kwh	\$ 0.1347	\$ 0.1210	\$ 0.1175	\$ 0.1191	\$ 0.1082	\$ 0.1097	\$ 0.1100
WI Utility CO2e Emissions CO2lb/1000 Gal	4.35	4.14	4.59	4.43	3.77	3.72	3.35
Total Water Loss as a percentage of net water supplied	13.00%	10.00%	3.00%	4.00%	5.00%	5.00%	6.00%
<b>Residential</b>							
Residential Customers	3,009	3,071	3,541	3,557	3,570	3,103	3,127
Residential 1000 Gals	107,863	107,027	106,987	106,138	103,502	109,764	112,102
Residential Amount	\$ 816,530	\$ 808,870	\$ 807,350	\$ 802,957	\$ 796,655	\$ 823,022	\$ 828,946
Residential Rev \$/1000 Gal	\$ 7.57	\$ 7.56	\$ 7.55	\$ 7.57	\$ 7.70	\$ 7.50	\$ 7.39
<b>Commercial</b>							
Commercial Customers	337	338	362	360	362	317	318
Commercial 1000 Gals	44,901	44,549	42,602	45,035	44,508	36,797	47,602
Commercial Amount	\$ 264,112	\$ 255,343	\$ 249,694	\$ 267,710	\$ 256,924	\$ 236,550	\$ 262,901
Commercial Rev \$/1000 Gal	\$ 5.88	\$ 5.73	\$ 5.86	\$ 5.94	\$ 5.77	\$ 6.43	\$ 5.52
<b>Industrial</b>							
Industrial Customers	7	7	7	8	9	8	8
Industrial 1000 Gals	20,892	24,774	35,398	28,838	40,610	40,940	31,431
Industrial Amount	\$ 68,401	\$ 83,285	\$ 116,711	\$ 98,429	\$ 129,762	\$ 112,447	\$ 105,220
Industrial Rev \$/1000 Gal	\$ 3.27	\$ 3.36	\$ 3.30	\$ 3.41	\$ 3.20	\$ 2.75	\$ 3.35
<b>Public Authority</b>							
Public Authority Customers	80	85	84	95	93	73	74
Public Authority 1000 Gals	46,581	56,496	48,817	53,463	54,985	40,843	67,512
Public Authority Amount	\$ 249,285	\$ 244,085	\$ 232,546	\$ 248,413	\$ 258,652	\$ 185,273	\$ 223,383
Public Authority Rev \$/1000 Gal	\$ 5.35	\$ 4.32	\$ 4.76	\$ 4.65	\$ 4.70	\$ 4.54	\$ 3.31
<b>Multifamily Residential</b>							
Multifamily Residential Customers	75	65	67	71	70	69	69
Multifamily Residential 1000 Gals	24,780	25,752	26,879	28,259	27,640	29,156	30,802
Multifamily Residential Amount	\$ 136,632	\$ 143,696	\$ 150,472	\$ 156,737	\$ 157,562	\$ 162,859	\$ 134,390
Multifamily Residential Rev \$/1000 Gal	\$ 5.51	\$ 5.58	\$ 5.60	\$ 5.55	\$ 5.70	\$ 5.59	\$ 4.36
<b>Irrigation</b>							
Irrigation Customers							
Irrigation 1000 Gals							
Irrigation Amount							
Irrigation Rev \$/1000 Gal							
Annual Report Contacts	Contact	Address	City	Zip	Phone	Email	
Correspond	Sheila Horner	PO Box 780	Platteville	53818	6083481822	horners@platteville.org	
General Manager	Howard Crofoot	PO Box 780	Platteville	53818	6083489741	crofoot@platteville.org	
President	Isaac Shanley	1030 Siemens St	Platteville	53818	6087323324	isaacshanely@platteville.org	