

State Facilities Estimated Water Use and Costs

Fiscal Year 2023 Report

Final Report 7/1/2024

Facilities include:

Universities of Wisconsin
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

State of Wisconsin

Facilities Estimated Water Use and Costs

Universities of Wisconsin

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

Final Report for Fiscal Year 2023

7/1/2024

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- Universities of Wisconsin
- 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 facility costs per gross square foot (\$/GSF) for Fiscal Year 2019 through 2023 of the six agencies with utilities primary funded through General Purpose Revenue (GPR) taxes are summarized below:

Water & Sewer \$/GSF		2019	2020	2021	2022	2023
UW	Universities of Wisconsin	\$ 0.26	\$ 0.24	\$ 0.23	\$ 0.26	\$ 0.27
DOC	Corrections, Department of	\$ 1.25	\$ 1.31	\$ 1.08	\$ 1.13	\$ 1.21
DHS	Health Services, Department of	\$ 0.52	\$ 0.56	\$ 0.39	\$ 0.40	\$ 0.50
DOA	Administration, Department of	\$ 0.16	\$ 0.19	\$ 0.14	\$ 0.19	\$ 0.21
DVA	Veterans Affairs, Department of	\$ 0.44	\$ 0.44	\$ 0.28	\$ 0.23	\$ 0.32
DPI	Public Instruction, Department of	\$ 0.18	\$ 0.15	\$ 0.09	\$ 0.16	\$ 0.16
		\$ 0.38	\$ 0.37	\$ 0.32	\$ 0.35	\$ 0.38

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 State Facilities Estimated Water Use and Costs Report is designed to assist facility managers involved in facility resource conservation. Appendix A - Case Study Water Conservation at EPA and contains water reduction strategies, including the importance of monitoring and tracking water use and costs. Appendix B - All Agencies Utilities Water & Sewer Expenditures and Appendix C - Water & Sewer Facility Water Utility Data for Future Analysis summarizes State water and sewer utility expenditures per building area benchmarks (\$/GSF). Appendix C also includes water utility information with more than \$1 million per year municipal utilities sewer and water expenditures for state facilities.

The water use estimates herein are approximate and require verification with actual meter data.

Introduction - Facilities Estimated Water Use and Costs

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 CO₂e Emissions and Estimated Water Use Reports are also useful for any measurement towards progress of conservation and CO₂e 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 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), Universities of Wisconsin (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 and verify actual use and costs with water & sewer utilities.
- 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.

Water and sewer costs of the six agencies with utilities primary funded through General Purpose Revenue (GPR) taxes are summarized below:

Total Agency Water & Sewer Costs from <https://openbook.wi.gov/data> and State Energy Report GSF:

Water & Sewer Costs		2019	2020	2021	2022	2023
UW	Universities of Wisconsin	\$ 14,725,726	\$ 13,792,165	\$ 12,870,545	\$ 14,654,268	\$ 15,380,234
DOC	Corrections, Department of	\$ 9,938,057	\$ 10,439,751	\$ 8,608,853	\$ 8,952,322	\$ 9,620,630
DHS	Health Services, Department of	\$ 2,164,879	\$ 2,342,656	\$ 1,623,569	\$ 1,659,970	\$ 2,097,671
DOA	Administration, Department of	\$ 665,956	\$ 810,239	\$ 579,560	\$ 782,487	\$ 889,588
DVA	Veterans Affairs, Department of	\$ 325,467	\$ 325,564	\$ 205,137	\$ 170,613	\$ 234,317
DPI	Public Instruction, Department of	\$ 79,355	\$ 66,287	\$ 41,728	\$ 68,400	\$ 72,731
		\$ 27,899,439	\$ 27,776,661	\$ 23,929,392	\$ 26,288,059	\$ 28,295,171

State Energy Report Gross Square Feet		FY19	FY20	FY21	FY22	FY23
UW	Universities of Wisconsin	56,125,576	56,819,926	57,131,175	56,998,506	57,231,497
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	4,202,931	4,202,931	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
		73,602,429	74,296,779	74,608,028	74,475,359	74,708,350

Water & Sewer \$/GSF		2019	2020	2021	2022	2023
UW	Universities of Wisconsin	\$ 0.26	\$ 0.24	\$ 0.23	\$ 0.26	\$ 0.27
DOC	Corrections, Department of	\$ 1.25	\$ 1.31	\$ 1.08	\$ 1.13	\$ 1.21
DHS	Health Services, Department of	\$ 0.52	\$ 0.56	\$ 0.39	\$ 0.40	\$ 0.50
DOA	Administration, Department of	\$ 0.16	\$ 0.19	\$ 0.14	\$ 0.19	\$ 0.21
DVA	Veterans Affairs, Department of	\$ 0.44	\$ 0.44	\$ 0.28	\$ 0.23	\$ 0.32
DPI	Public Instruction, Department of	\$ 0.18	\$ 0.15	\$ 0.09	\$ 0.16	\$ 0.16
		\$ 0.38	\$ 0.37	\$ 0.32	\$ 0.35	\$ 0.38

Universities of Wisconsin (UWS)



SCOPE

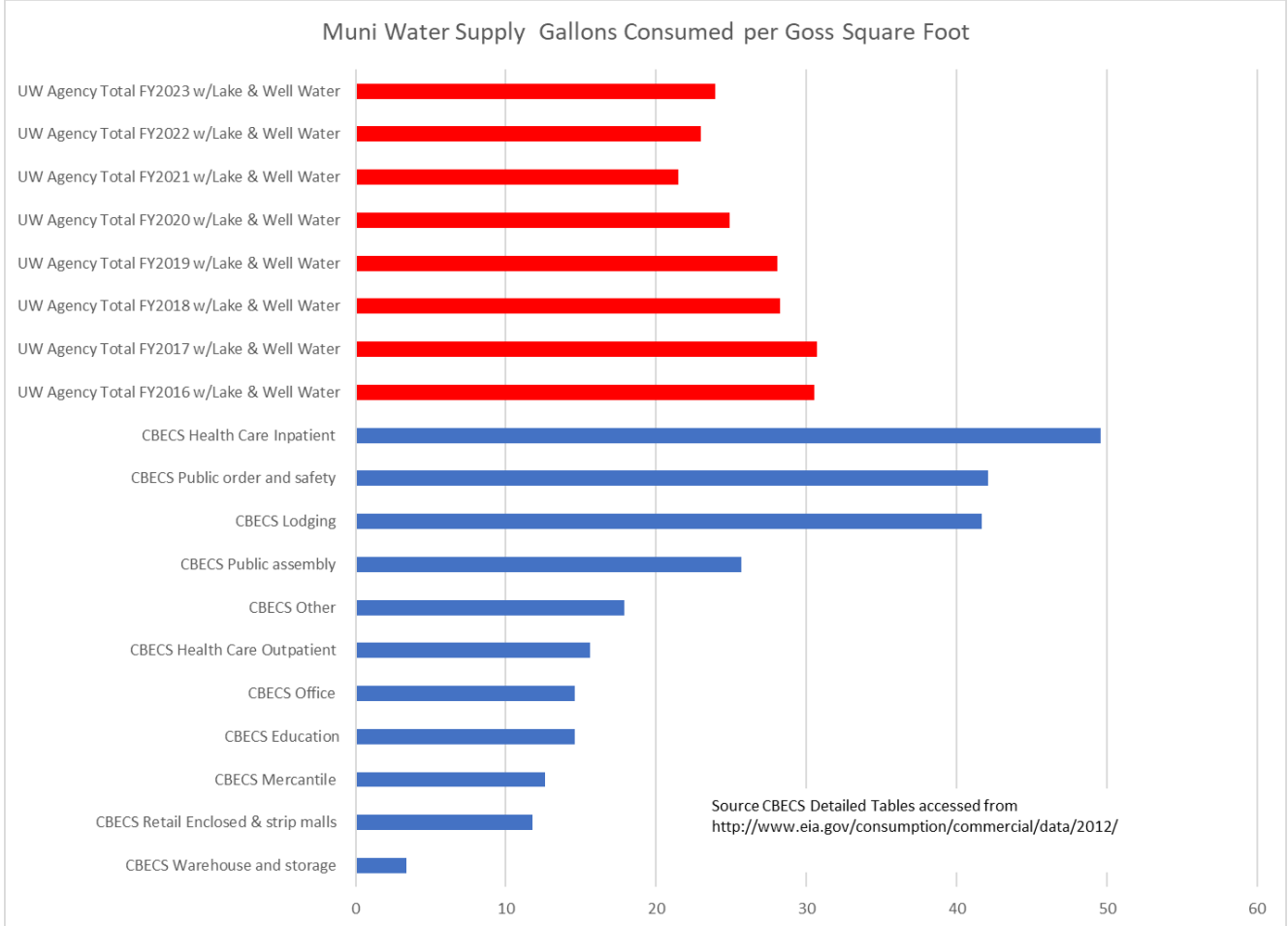
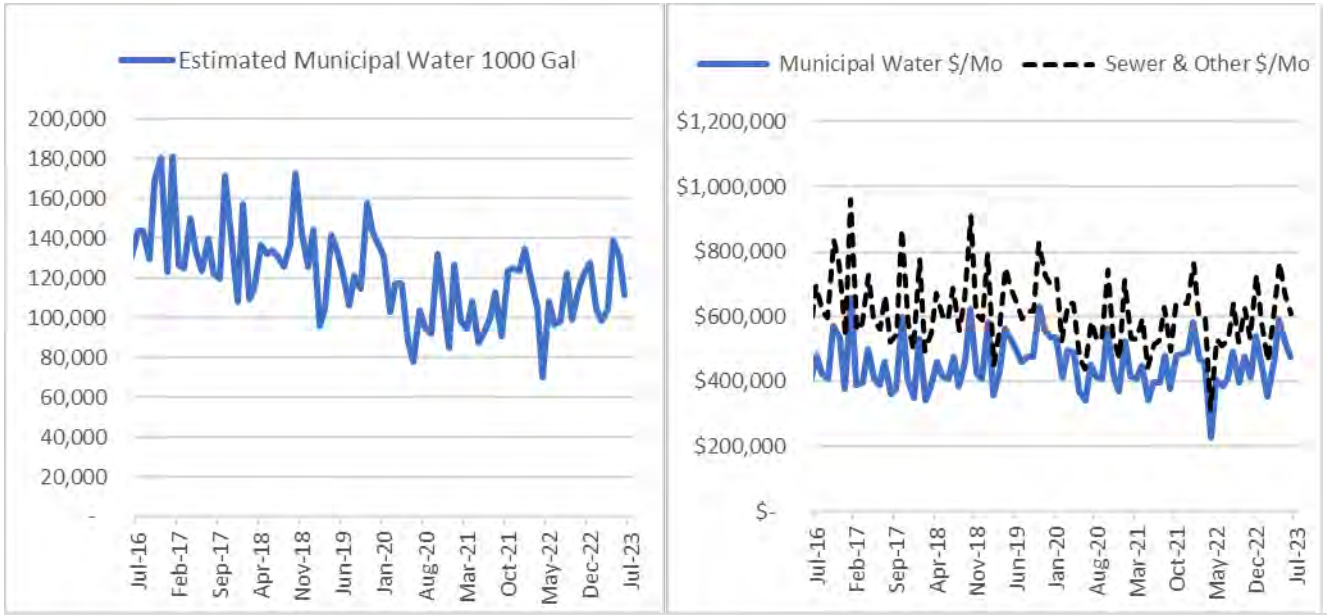
Includes 13-four year university campuses: UW-Eau Claire; UW-Green Bay; UW-La Crosse; UW-Madison; UW-Milwaukee; UW-Oshkosh; UW-Parkside; UW-Platteville; UW-River Falls; UW-Stevens Point; UW-Stout; UW-Superior; and UW-Whitewater.

Also, includes 13 two-year college campuses: UW-Platteville, Baraboo Sauk County; UW-Eau Claire, Barron County; UW-Oshkosh, Fond du Lac; UW-Oshkosh, Fox Cities; UW-Green Bay, Manitowoc; UW-Stevens Point, Wausau; UW-Green Bay, Marinette; UW-Stevens Point, Wausau; UW-Platteville, Richland; UW-Whitewater, Rock County; UW-Green Bay, Sheboygan; UW-Milwaukee, Washington County; and UW-Milwaukee, 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
2017	56,334,574	1,730,644	-	1,730,644	30.72		30.72	\$ 0.34
2018	56,143,320	1,586,596	-	1,586,596	28.26		28.26	\$ 0.31
2019	56,125,576	1,576,247	-	1,576,247	28.08		28.08	\$ 0.35
2020	56,819,926	1,413,931	-	1,413,931	24.88		24.88	\$ 0.34
2021	57,131,175	1,228,030	-	1,228,030	21.49		21.49	\$ 0.30
2022	56,998,506	1,309,018	-	1,309,018	22.97		22.97	\$ 0.30
2023	57,231,497	1,370,978	-	1,370,978	23.95		23.95	\$ 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
2017	\$ 5,546,336	\$ 13,570,502	40.9%	\$ -	\$ 3.20		\$ 3.20	\$ 11.05
2018	\$ 5,104,197	\$ 12,472,123	40.9%	\$ -	\$ 3.22		\$ 3.22	\$ 11.08
2019	\$ 5,754,846	\$ 13,634,614	42.2%	\$ -	\$ 3.65		\$ 3.65	\$ 12.30
2020	\$ 5,780,550	\$ 13,292,546	43.5%	\$ -	\$ 4.09		\$ 4.09	\$ 13.49
2021	\$ 5,168,855	\$ 11,894,541	43.5%	\$ -	\$ 4.21		\$ 4.21	\$ 13.89
2022	\$ 5,243,994	\$ 12,123,005	43.3%	\$ -	\$ 4.01		\$ 4.01	\$ 13.27
2023	\$ 5,567,400	\$ 12,825,156	43.4%	\$ -	\$ 4.06		\$ 4.06	\$ 13.42

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 CO2e lb/GSF
2017	1.96		-	1.39	2.72			0.0835
2018	1.97		-	1.45	2.86			0.0808
2019	1.95		-	1.39	2.71			0.0762
2020	2.00		-	1.23	2.47			0.0614
2021	2.11		-	1.19	2.51			0.0540
2022	2.08		-	1.25	2.60			0.0596
2023	2.09		-	1.19	2.47			0.0593



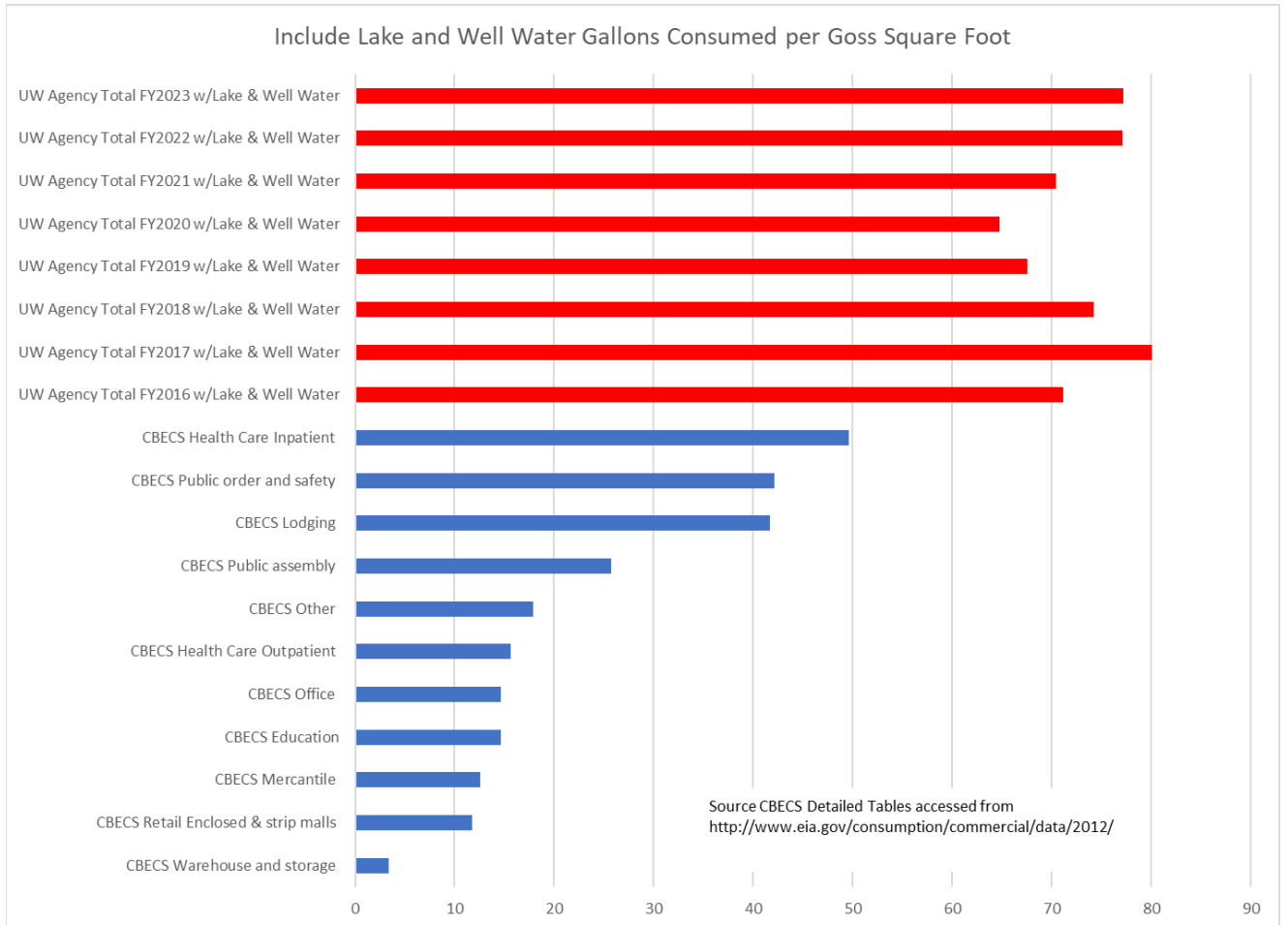
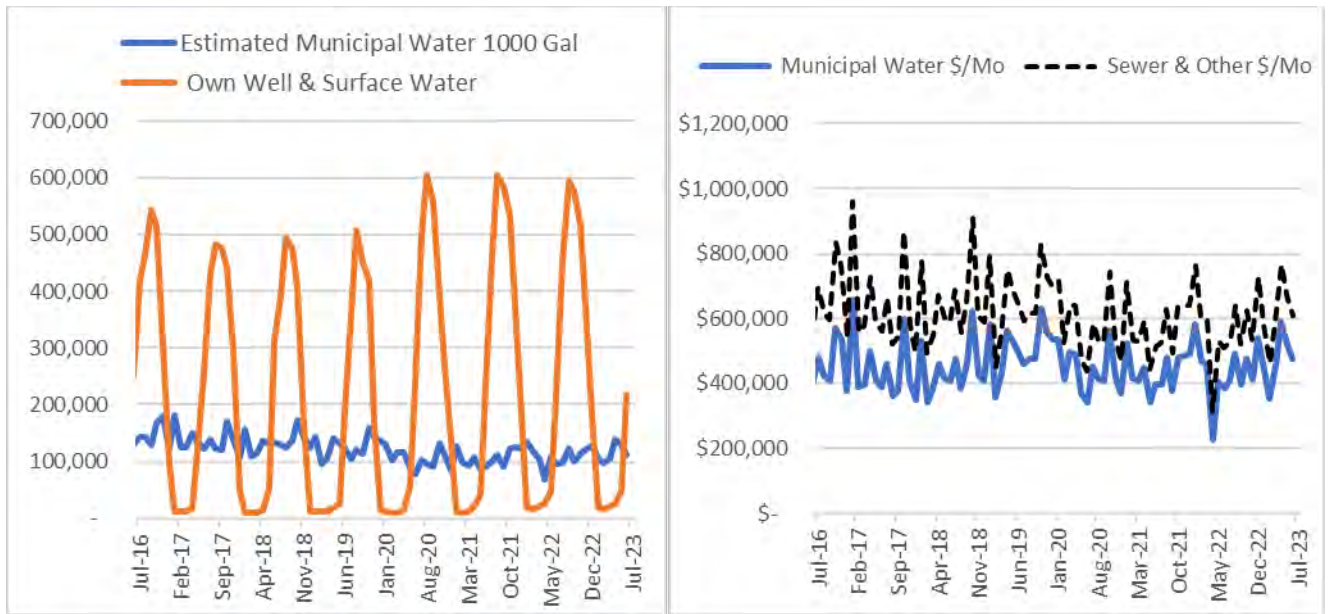
UW Agency Total								
Own Well/Lake= Yes				Include Lake and Well Water				
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2017	56,334,574	1,730,644	2,779,298	4,509,942	30.72	49.34	80.06	\$ 0.34
2018	56,143,320	1,586,596	2,581,236	4,167,831	28.26	45.98	74.24	\$ 0.32
2019	56,125,576	1,576,247	2,214,750	3,790,997	28.08	39.46	67.54	\$ 0.35
2020	56,819,926	1,413,931	2,266,390	3,680,321	24.88	39.89	64.77	\$ 0.34
2021	57,131,175	1,228,030	2,795,317	4,023,347	21.49	48.93	70.42	\$ 0.30
2022	56,998,506	1,309,018	3,088,328	4,397,346	22.97	54.18	77.15	\$ 0.31
2023	57,231,497	1,370,978	3,048,015	4,418,993	23.95	53.26	77.21	\$ 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
2017	\$ 5,546,336	\$ 13,570,502	40.9%	\$ 245,488	\$ 3.20	\$ 0.09	\$ 3.29	\$ 4.29
2018	\$ 5,104,197	\$ 12,472,123	40.9%	\$ 218,241	\$ 3.22	\$ 0.08	\$ 3.30	\$ 4.27
2019	\$ 5,754,846	\$ 13,634,614	42.2%	\$ 194,486	\$ 3.65	\$ 0.09	\$ 3.74	\$ 5.17
2020	\$ 5,780,550	\$ 13,292,546	43.5%	\$ 206,985	\$ 4.09	\$ 0.09	\$ 4.18	\$ 5.24
2021	\$ 5,168,855	\$ 11,894,541	43.5%	\$ 259,216	\$ 4.21	\$ 0.09	\$ 4.30	\$ 4.31
2022	\$ 5,243,994	\$ 12,123,005	43.3%	\$ 298,330	\$ 4.01	\$ 0.10	\$ 4.10	\$ 4.02
2023	\$ 5,567,400	\$ 12,825,156	43.4%	\$ 315,149	\$ 4.06	\$ 0.10	\$ 4.16	\$ 4.23

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
2017	1.96	0.98	2,722,629	1.39	1.88	0.0483	164.95	0.1504
2018	1.97	0.96	2,470,308	1.45	1.95	0.0440	150.17	0.1445
2019	1.95	0.98	2,173,324	1.39	1.93	0.0387	132.16	0.1302
2020	2.00	0.99	2,248,007	1.23	1.70	0.0396	135.03	0.1102
2021	2.11	0.98	2,740,822	1.19	1.58	0.0480	163.74	0.1110
2022	2.08	1.01	3,128,888	1.25	1.66	0.0549	187.35	0.1280
2023	2.09	1.00	3,048,262	1.19	1.58	0.0533	181.78	0.1224

UW-Madison's lake water pumping and distribution system provides over 500 million gallons per year for Charter Street, Walnut Street and West Campus Cogeneration Central Plants for makeup and cooling water from Lake Mendota for boiler, chilled water, compressed air and electric generator systems.

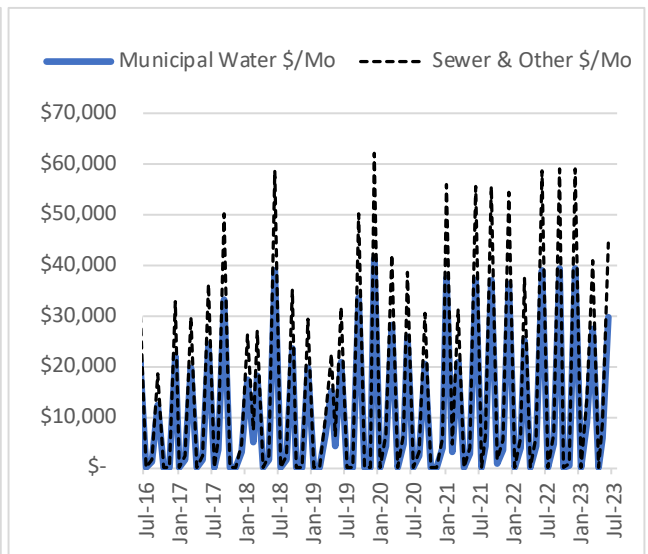
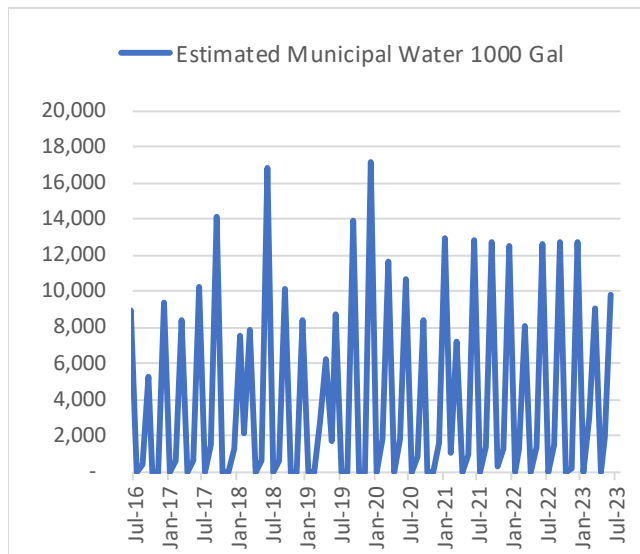
UW-Milwaukee's lake water pumping and distribution system provides over 2,500 million gallons per year of once through cooling water supply/return from Lake Michigan for central plant cooling and chiller condenser heat rejection.



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
2017	2,634,457	35,003	-	35,003	13.29		13.29	\$ 0.11
2018	2,634,457	51,932	-	51,932	19.71		19.71	\$ 0.16
2019	2,634,457	38,655	-	38,655	14.67		14.67	\$ 0.12
2020	2,634,457	57,068	-	57,068	21.66		21.66	\$ 0.18
2021	2,634,457	45,826	-	45,826	17.39		17.39	\$ 0.17
2022	2,634,457	51,606	-	51,606	19.59		19.59	\$ 0.20
2023	2,634,457	50,870	-	50,870	19.31		19.31	\$ 0.21

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
2017	\$ 82,135	\$ 205,338	40.0%	\$ -	\$ 2.35		\$ 2.35	\$ 8.21
2018	\$ 120,928	\$ 302,319	40.0%	\$ -	\$ 2.33		\$ 2.33	\$ 8.15
2019	\$ 91,263	\$ 228,157	40.0%	\$ -	\$ 2.36		\$ 2.36	\$ 8.26
2020	\$ 137,549	\$ 343,873	40.0%	\$ -	\$ 2.41		\$ 2.41	\$ 8.44
2021	\$ 127,136	\$ 317,840	40.0%	\$ -	\$ 2.77		\$ 2.77	\$ 9.71
2022	\$ 153,829	\$ 384,572	40.0%	\$ -	\$ 2.98		\$ 2.98	\$ 10.43
2023	\$ 155,501	\$ 388,753	40.0%	\$ -	\$ 3.06		\$ 3.06	\$ 10.70

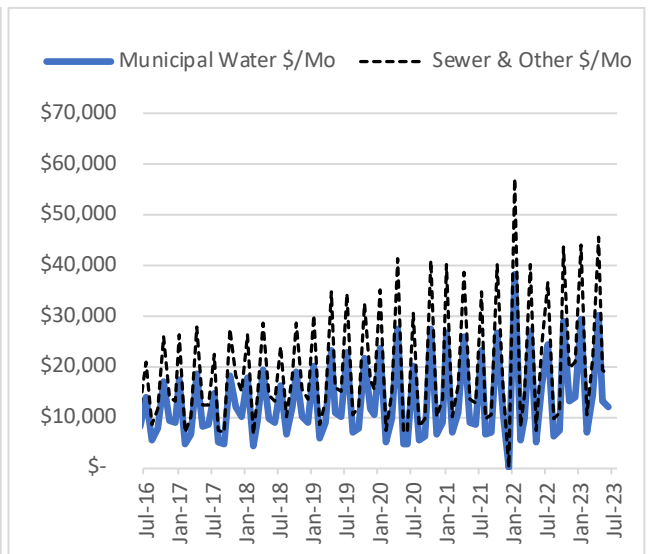
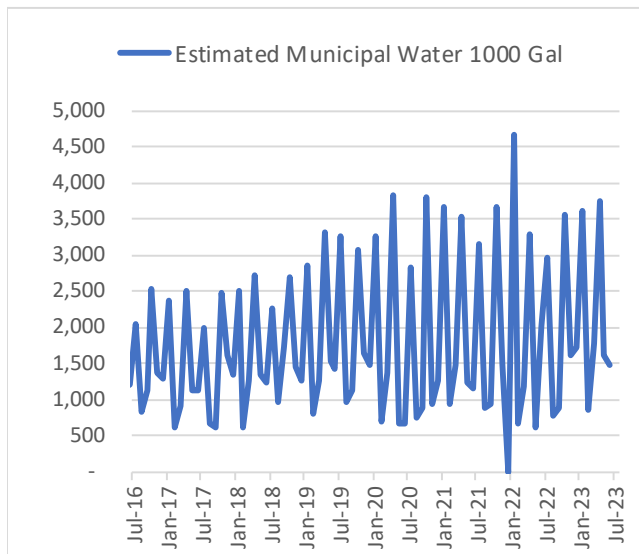
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.04		-	1.39	2.83			0.0376
2018	2.05		-	1.45	2.97			0.0585
2019	2.07		-	1.39	2.88			0.0423
2020	2.05		-	1.23	2.53			0.0548
2021	2.06		-	1.19	2.45			0.0426
2022	2.04		-	1.25	2.54			0.0497
2023	1.99		-	1.19	2.36			0.0456



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
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	1,386,055	22,049	-	22,049	15.91		15.91	\$ 0.39
2021	1,386,055	22,477	-	22,477	16.22		16.22	\$ 0.41
2022	1,386,055	22,567	-	22,567	16.28		16.28	\$ 0.44
2023	1,386,055	24,594	-	24,594	17.74		17.74	\$ 0.50

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
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
2022	\$ 175,406	\$ 438,515	40.0%	\$ -	\$ 7.77		\$ 7.77	\$ 27.20
2023	\$ 199,902	\$ 499,756	40.0%	\$ -	\$ 8.13		\$ 8.13	\$ 28.45

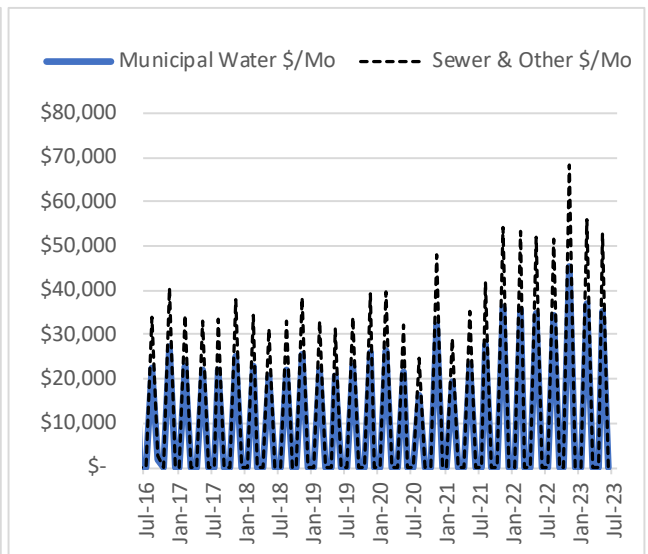
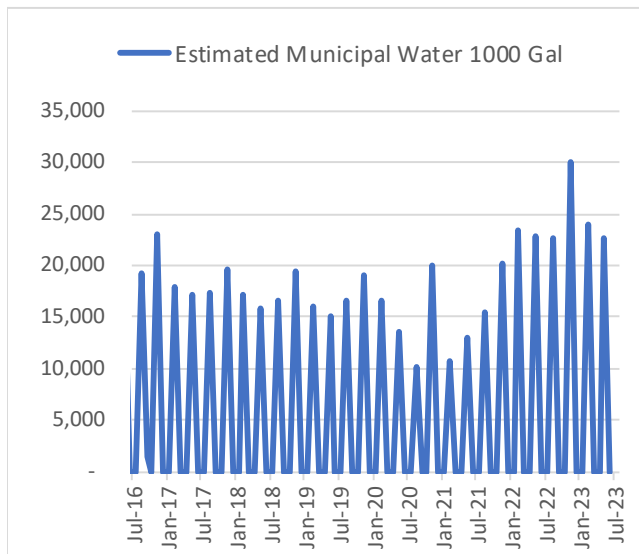
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.0357
2018	2.00		-	1.45	2.90			0.0386
2019	2.00		-	1.39	2.79			0.0433
2020	2.00		-	1.23	2.47			0.0392
2021	2.00		-	1.19	2.38			0.0385
2022	2.00		-	1.25	2.49			0.0406
2023	2.00		-	1.19	2.37			0.0421



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
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	3,008,972	65,566	-	65,566	21.79		21.79	\$ 0.11
2021	3,008,972	54,021	-	54,021	17.95		17.95	\$ 0.11
2022	3,008,972	81,809	-	81,809	27.19		27.19	\$ 0.16
2023	3,008,972	99,390	-	99,390	33.03		33.03	\$ 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
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%	\$ -	\$ 1.48		\$ 1.48	\$ 5.18
2021	\$ 91,186	\$ 227,966	40.0%	\$ -	\$ 1.69		\$ 1.69	\$ 5.91
2022	\$ 134,308	\$ 335,770	40.0%	\$ -	\$ 1.64		\$ 1.64	\$ 5.75
2023	\$ 152,333	\$ 380,832	40.0%	\$ -	\$ 1.53		\$ 1.53	\$ 5.36

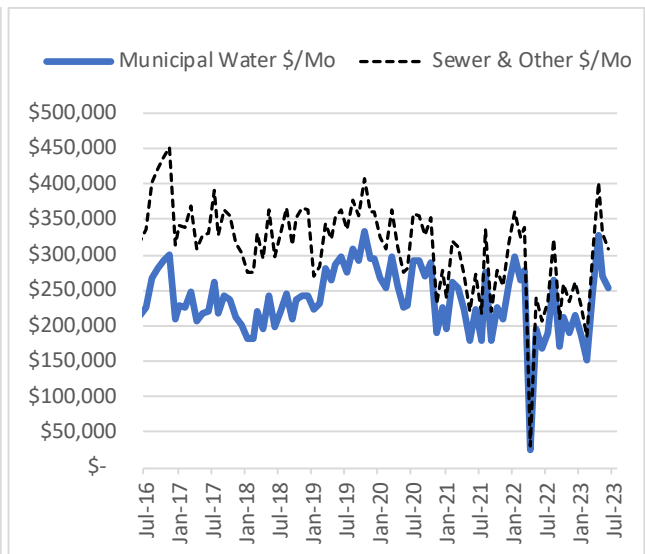
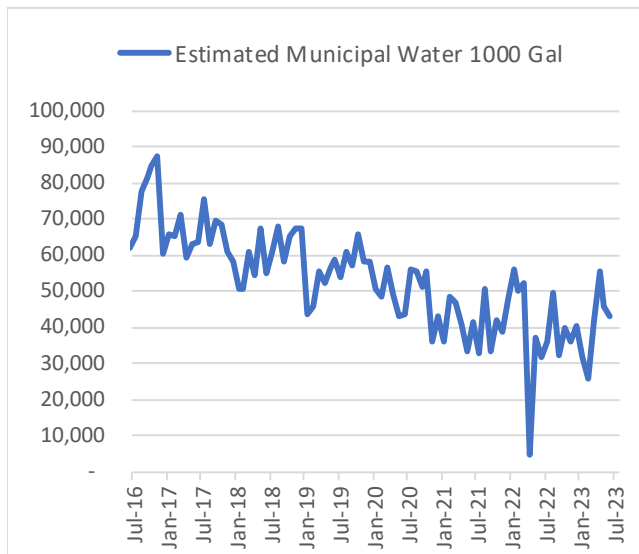
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.45		-	1.39	2.01			0.0526
2018	1.56		-	1.45	2.26			0.0525
2019	1.46		-	1.39	2.04			0.0456
2020	1.35		-	1.23	1.66			0.0362
2021	1.36		-	1.19	1.62			0.0291
2022	1.37		-	1.25	1.71			0.0465
2023	1.36		-	1.19	1.61			0.0531



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
2017	22,931,250	845,175	-	845,175	36.86		36.86	\$ 0.45
2018	22,947,032	734,770	-	734,770	32.02		32.02	\$ 0.40
2019	22,947,032	698,880	-	698,880	30.46		30.46	\$ 0.44
2020	22,947,032	646,262	-	646,262	28.16		28.16	\$ 0.47
2021	22,947,032	546,160	-	546,160	23.80		23.80	\$ 0.41
2022	22,947,032	478,766	-	478,766	20.86		20.86	\$ 0.36
2023	22,947,032	478,045	-	478,045	20.83		20.83	\$ 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
2017	\$ 2,923,583	\$7,308,958	40.0%	\$ -	\$ 3.46		\$ 3.46	\$ 12.11
2018	\$ 2,597,573	\$6,493,933	40.0%	\$ -	\$ 3.54		\$ 3.54	\$ 12.37
2019	\$ 2,982,688	\$7,016,018	42.5%	\$ -	\$ 4.27		\$ 4.27	\$ 14.31
2020	\$ 3,326,050	\$7,391,223	45.0%	\$ -	\$ 5.15		\$ 5.15	\$ 16.58
2021	\$ 2,896,607	\$6,436,905	45.0%	\$ -	\$ 5.30		\$ 5.30	\$ 17.09
2022	\$ 2,559,082	\$5,686,849	45.0%	\$ -	\$ 5.35		\$ 5.35	\$ 17.22
2023	\$ 2,678,887	\$5,953,081	45.0%	\$ -	\$ 5.60		\$ 5.60	\$ 18.06

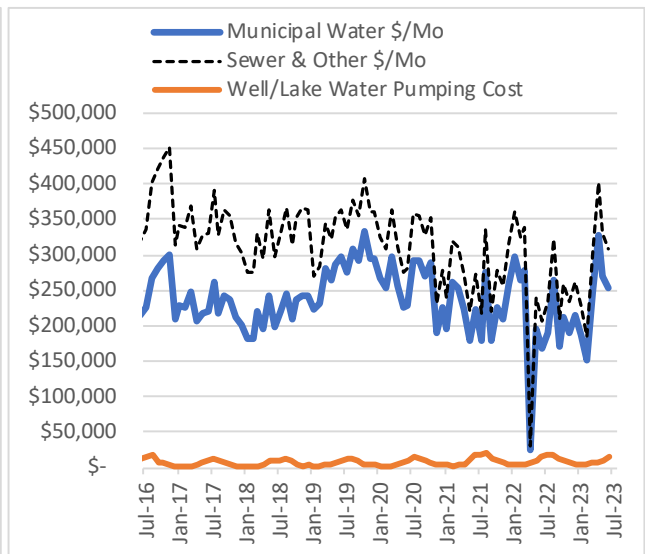
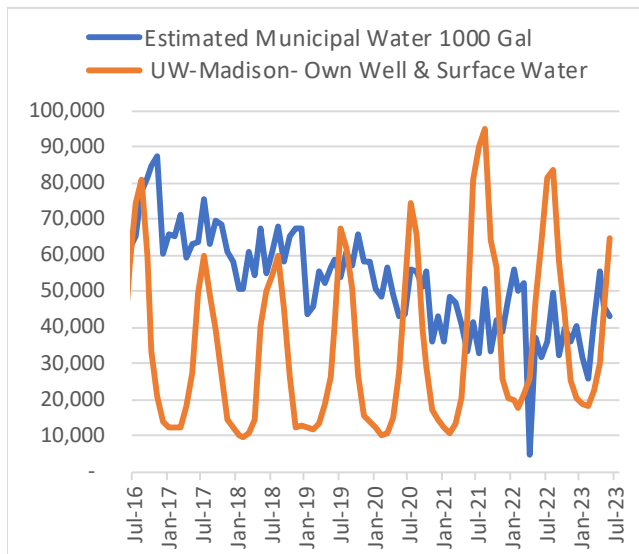
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.15		-	1.39	2.98			0.1100
2018	2.16		-	1.45	3.12			0.1001
2019	2.11		-	1.39	2.94			0.0896
2020	2.23		-	1.23	2.75			0.0776
2021	2.27		-	1.19	2.70			0.0642
2022	2.19		-	1.25	2.73			0.0569
2023	2.28		-	1.19	2.70			0.0563



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
2017	22,931,250	845,175	415,992	1,261,168	36.86	18.14	55.00	\$ 0.45
2018	22,947,032	734,770	337,766	1,072,537	32.02	14.72	46.74	\$ 0.40
2019	22,947,032	698,880	334,604	1,033,484	30.46	14.58	45.04	\$ 0.44
2020	22,947,032	646,262	362,412	1,008,675	28.16	15.79	43.96	\$ 0.47
2021	22,947,032	546,160	420,474	966,634	23.80	18.32	42.12	\$ 0.41
2022	22,947,032	478,766	548,521	1,027,287	20.86	23.90	44.77	\$ 0.36
2023	22,947,032	478,045	511,626	989,671	20.83	22.30	43.13	\$ 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
2017	\$ 2,923,583	\$ 7,308,958	40.0%	\$ 80,865	\$ 3.46	\$ 0.19	\$ 3.65	\$ 8.18
2018	\$ 2,597,573	\$ 6,493,933	40.0%	\$ 66,501	\$ 3.54	\$ 0.20	\$ 3.73	\$ 8.54
2019	\$ 2,982,688	\$ 7,016,018	42.5%	\$ 69,101	\$ 4.27	\$ 0.21	\$ 4.47	\$ 9.74
2020	\$ 3,326,050	\$ 7,391,223	45.0%	\$ 73,744	\$ 5.15	\$ 0.20	\$ 5.35	\$ 10.70
2021	\$ 2,896,607	\$ 6,436,905	45.0%	\$ 88,633	\$ 5.30	\$ 0.21	\$ 5.51	\$ 9.75
2022	\$ 2,559,082	\$ 5,686,849	45.0%	\$ 118,573	\$ 5.35	\$ 0.22	\$ 5.56	\$ 8.14
2023	\$ 2,678,887	\$ 5,953,081	45.0%	\$ 116,626	\$ 5.60	\$ 0.23	\$ 5.83	\$ 8.84

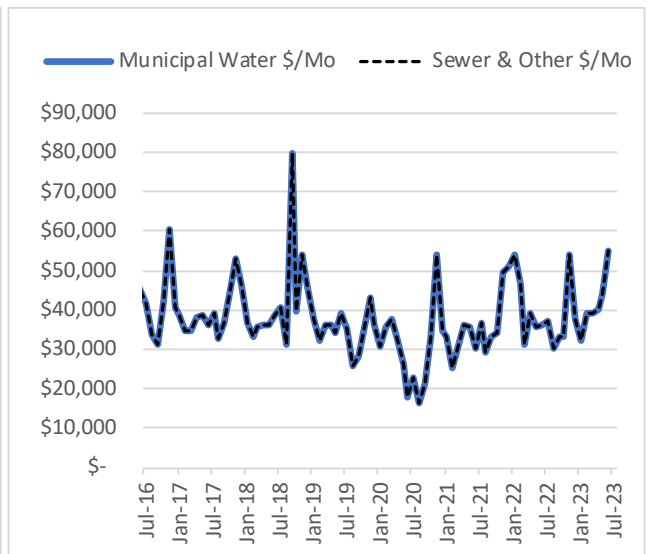
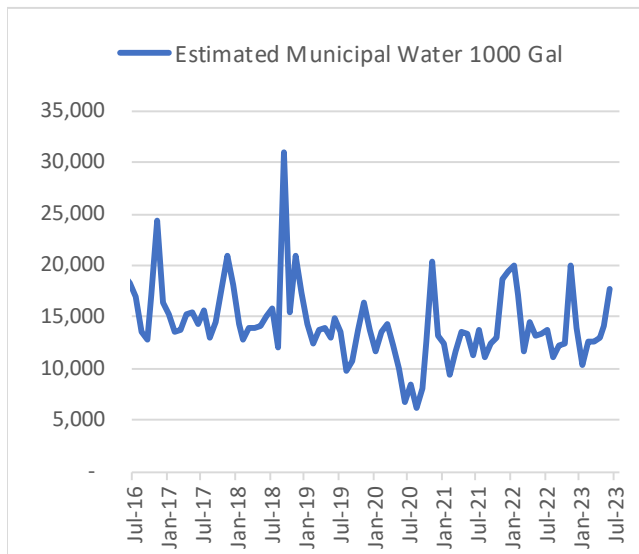
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.15	2.00	831,985	1.39	2.91	0.0363	123.83	0.1602
2018	2.16	2.00	675,533	1.45	3.05	0.0294	100.47	0.1427
2019	2.11	2.00	669,208	1.39	2.89	0.0292	99.53	0.1302
2020	2.23	2.00	724,825	1.23	2.65	0.0316	107.81	0.1165
2021	2.27	2.00	840,948	1.19	2.56	0.0366	125.08	0.1077
2022	2.19	2.00	1,097,043	1.25	2.60	0.0478	163.17	0.1165
2023	2.28	2.00	1,023,251	1.19	2.53	0.0446	152.19	0.1092



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
2017	6,208,809	188,872	-	188,872	30.42		30.42	\$ 0.23
2018	6,208,809	183,998	-	183,998	29.63		29.63	\$ 0.23
2019	6,208,809	195,317	-	195,317	31.46		31.46	\$ 0.24
2020	6,208,809	146,382	-	146,382	23.58		23.58	\$ 0.19
2021	6,208,809	141,254	-	141,254	22.75		22.75	\$ 0.18
2022	6,208,809	178,309	-	178,309	28.72		28.72	\$ 0.23
2023	6,208,809	163,650	-	163,650	26.36		26.36	\$ 0.23

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
2017	\$ 471,480	\$ 942,959	50.0%	\$ -	\$ 2.50		\$ 2.50	\$ 7.49
2018	\$ 469,044	\$ 938,088	50.0%	\$ -	\$ 2.55		\$ 2.55	\$ 7.65
2019	\$ 506,673	\$ 1,013,346	50.0%	\$ -	\$ 2.59		\$ 2.59	\$ 7.78
2020	\$ 384,822	\$ 769,644	50.0%	\$ -	\$ 2.63		\$ 2.63	\$ 7.89
2021	\$ 372,931	\$ 745,861	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.92
2022	\$ 476,353	\$ 952,706	50.0%	\$ -	\$ 2.67		\$ 2.67	\$ 8.01
2023	\$ 475,633	\$ 951,266	50.0%	\$ -	\$ 2.91		\$ 2.91	\$ 8.72

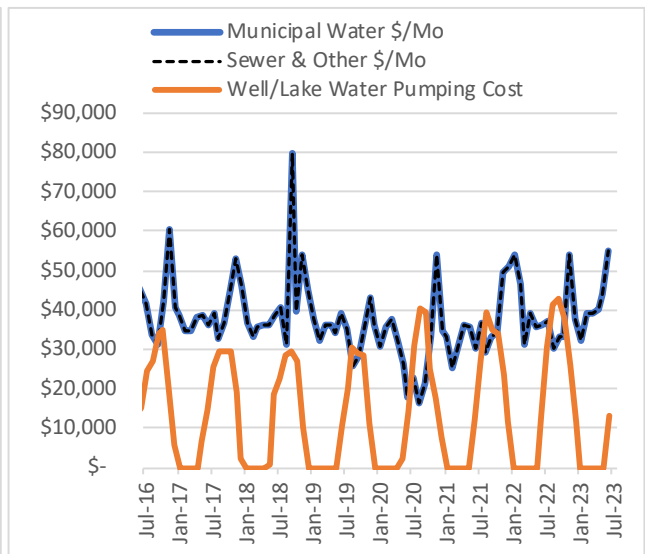
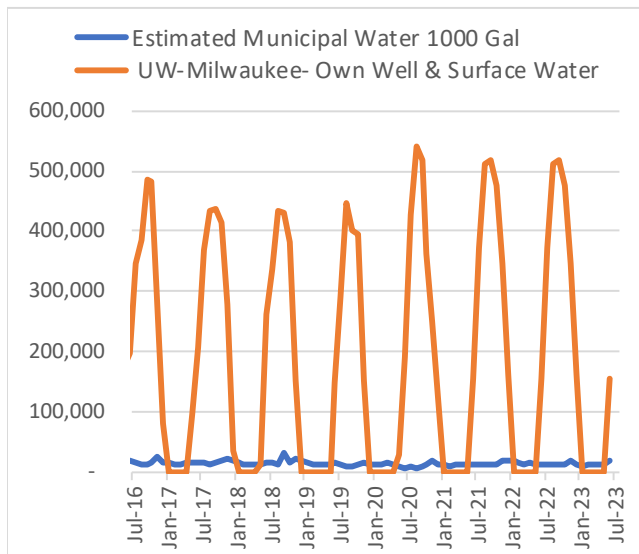
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.83		-	1.39	2.53			0.0771
2018	1.77		-	1.45	2.56			0.0759
2019	1.73		-	1.39	2.41			0.0758
2020	1.86		-	1.23	2.29			0.0539
2021	1.89		-	1.19	2.24			0.0510
2022	1.88		-	1.25	2.34			0.0672
2023	1.87		-	1.19	2.21			0.0584



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
2017	6,208,809	188,872	2,363,306	2,552,178	30.42	380.64	411.06	\$ 0.25
2018	6,208,809	183,998	2,243,469	2,427,467	29.63	361.34	390.97	\$ 0.25
2019	6,208,809	195,317	1,880,146	2,075,462	31.46	302.82	334.28	\$ 0.27
2020	6,208,809	146,382	1,903,977	2,050,360	23.58	306.66	330.23	\$ 0.21
2021	6,208,809	141,254	2,374,843	2,516,097	22.75	382.50	405.25	\$ 0.21
2022	6,208,809	178,309	2,539,807	2,718,116	28.72	409.07	437.78	\$ 0.26
2023	6,208,809	163,650	2,539,807	2,703,457	26.36	409.07	435.42	\$ 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
2017	\$ 471,480	\$ 942,959	50.0%	\$ 167,792	\$ 2.50	\$ 0.07	\$ 2.57	\$ 0.62
2018	\$ 469,044	\$ 938,088	50.0%	\$ 154,973	\$ 2.55	\$ 0.07	\$ 2.62	\$ 0.64
2019	\$ 506,673	\$ 1,013,346	50.0%	\$ 128,315	\$ 2.59	\$ 0.07	\$ 2.66	\$ 0.79
2020	\$ 384,822	\$ 769,644	50.0%	\$ 135,730	\$ 2.63	\$ 0.07	\$ 2.70	\$ 0.63
2021	\$ 372,931	\$ 745,861	50.0%	\$ 173,270	\$ 2.64	\$ 0.07	\$ 2.71	\$ 0.51
2022	\$ 476,353	\$ 952,706	50.0%	\$ 183,611	\$ 2.67	\$ 0.07	\$ 2.74	\$ 0.59
2023	\$ 475,633	\$ 951,266	50.0%	\$ 203,526	\$ 2.91	\$ 0.08	\$ 2.99	\$ 0.60

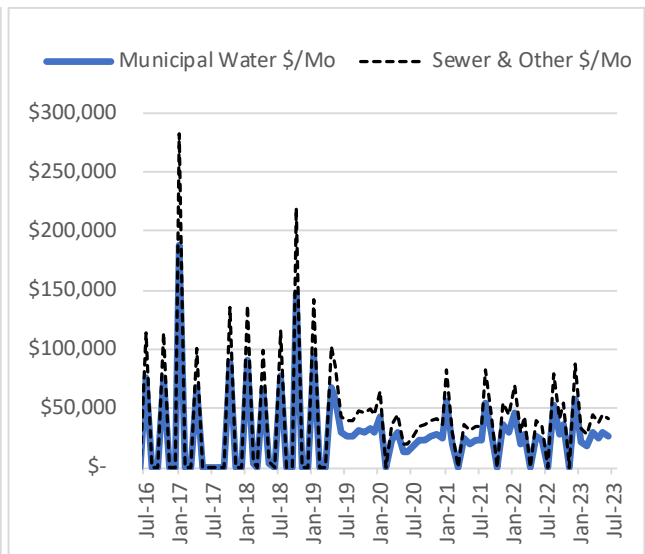
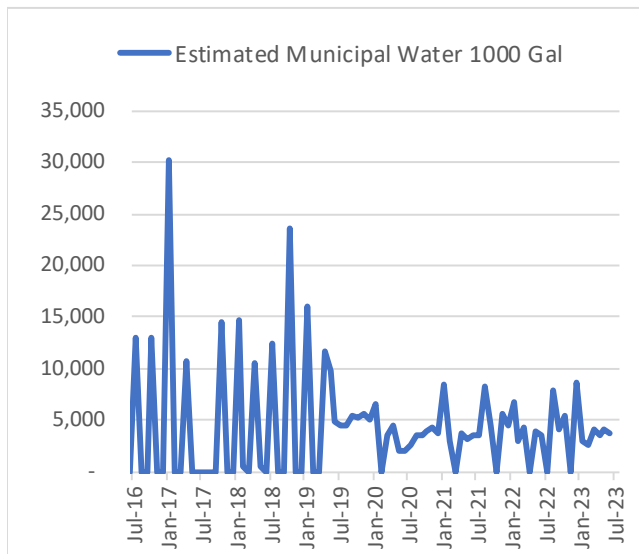
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.83	0.80	1,890,644	1.39	1.21	0.3045	1,039.29	0.4988
2018	1.77	0.80	1,794,775	1.45	1.27	0.2891	986.59	0.4948
2019	1.73	0.80	1,504,116	1.39	1.24	0.2423	826.82	0.4135
2020	1.86	0.80	1,523,182	1.23	1.08	0.2453	837.30	0.3564
2021	1.89	0.80	1,899,875	1.19	1.02	0.3060	1,044.37	0.4145
2022	1.88	0.80	2,031,845	1.25	1.08	0.3273	1,116.91	0.4750
2023	1.87	0.80	2,031,845	1.19	1.02	0.3273	1,116.91	0.4462



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
2017	3,259,189	67,017	-	67,017	20.56		20.56	\$ 0.44
2018	3,259,189	40,675	-	40,675	12.48		12.48	\$ 0.27
2019	3,259,189	78,321	-	78,321	24.03		24.03	\$ 0.51
2020	3,259,189	49,126	-	49,126	15.07		15.07	\$ 0.32
2021	3,259,189	43,640	-	43,640	13.39		13.39	\$ 0.31
2022	3,259,189	48,026	-	48,026	14.74		14.74	\$ 0.34
2023	3,259,189	47,268	-	47,268	14.50		14.50	\$ 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
2017	\$ 406,981	\$ 1,017,453	40.0%	\$ -	\$ 6.07		\$ 6.07	\$ 21.25
2018	\$ 254,059	\$ 635,147	40.0%	\$ -	\$ 6.25		\$ 6.25	\$ 21.86
2019	\$ 474,175	\$ 1,185,438	40.0%	\$ -	\$ 6.05		\$ 6.05	\$ 21.19
2020	\$ 301,299	\$ 753,247	40.0%	\$ -	\$ 6.13		\$ 6.13	\$ 21.47
2021	\$ 286,168	\$ 715,421	40.0%	\$ -	\$ 6.56		\$ 6.56	\$ 22.95
2022	\$ 318,357	\$ 795,892	40.0%	\$ -	\$ 6.63		\$ 6.63	\$ 23.20
2023	\$ 327,687	\$ 819,218	40.0%	\$ -	\$ 6.93		\$ 6.93	\$ 24.26

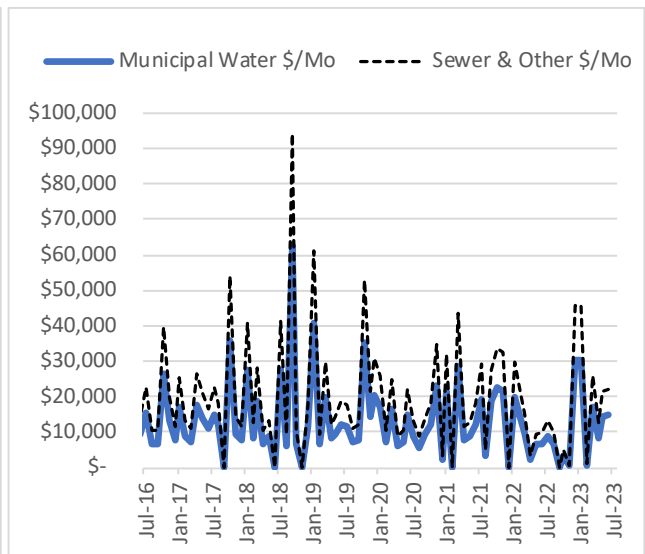
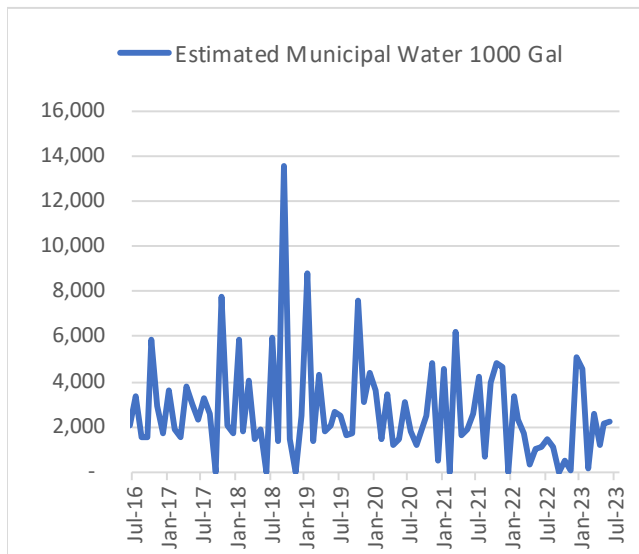
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.81		-	1.39	2.51			0.0517
2018	1.83		-	1.45	2.66			0.0332
2019	1.74		-	1.39	2.42			0.0582
2020	1.80		-	1.23	2.22			0.0335
2021	1.74		-	1.19	2.07			0.0277
2022	1.71		-	1.25	2.13			0.0314
2023	1.75		-	1.19	2.07			0.0301



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
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	1,262,322	35,206	-	35,206	27.89		27.89	\$ 0.46
2021	1,262,322	29,671	-	29,671	23.51		23.51	\$ 0.39
2022	1,262,322	28,230	-	28,230	22.36		22.36	\$ 0.40
2023	1,262,322	21,071	-	21,071	16.69		16.69	\$ 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
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%	\$ -	\$ 4.71		\$ 4.71	\$ 16.48
2022	\$ 144,661	\$ 361,652	40.0%	\$ -	\$ 5.12		\$ 5.12	\$ 17.94
2023	\$ 135,046	\$ 337,616	40.0%	\$ -	\$ 6.41		\$ 6.41	\$ 22.43

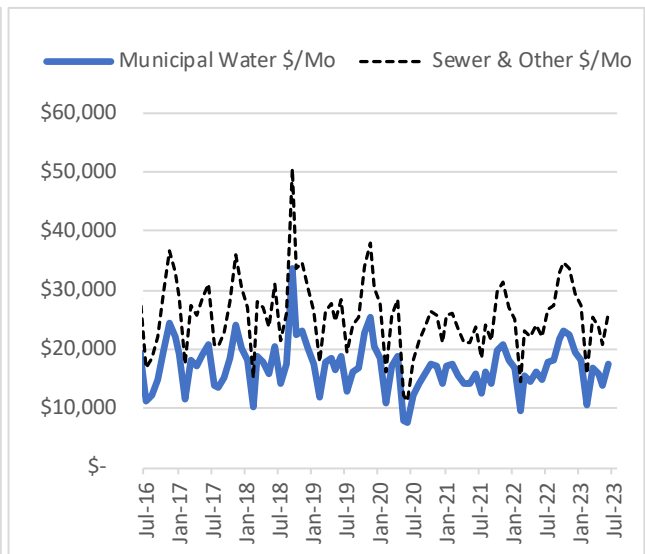
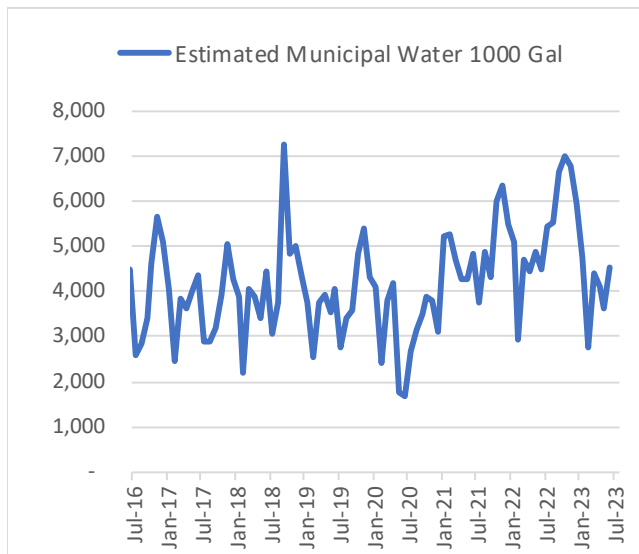
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.0727
2018	2.00		-	1.45	2.90			0.0745
2019	2.00		-	1.39	2.79			0.1010
2020	2.00		-	1.23	2.47			0.0688
2021	2.00		-	1.19	2.38			0.0558
2022	2.00		-	1.25	2.49			0.0557
2023	2.00		-	1.19	2.37			0.0396



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
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	2,244,485	42,190	-	42,190	18.80		18.80	\$ 0.30
2021	2,244,485	48,630	-	48,630	21.67		21.67	\$ 0.29
2022	2,244,485	57,313	-	57,313	25.54		25.54	\$ 0.30
2023	2,244,485	61,530	-	61,530	27.41		27.41	\$ 0.34

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
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
2022	\$ 189,292	\$ 473,229	40.0%	\$ -	\$ 3.30		\$ 3.30	\$ 11.56
2023	\$ 216,008	\$ 540,021	40.0%	\$ -	\$ 3.51		\$ 3.51	\$ 12.29

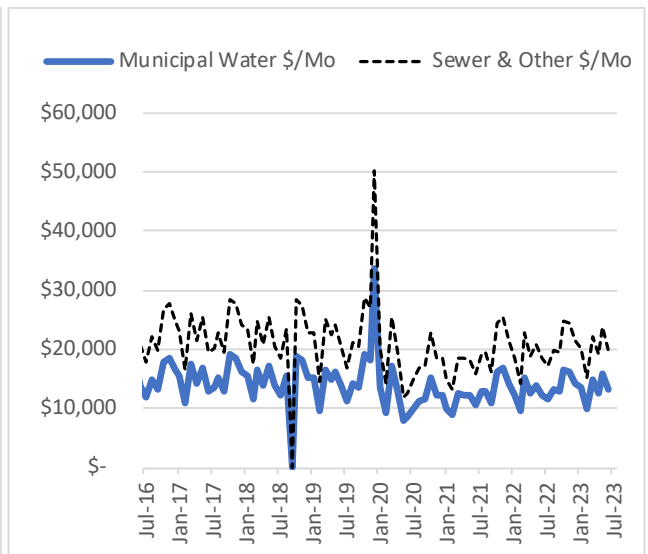
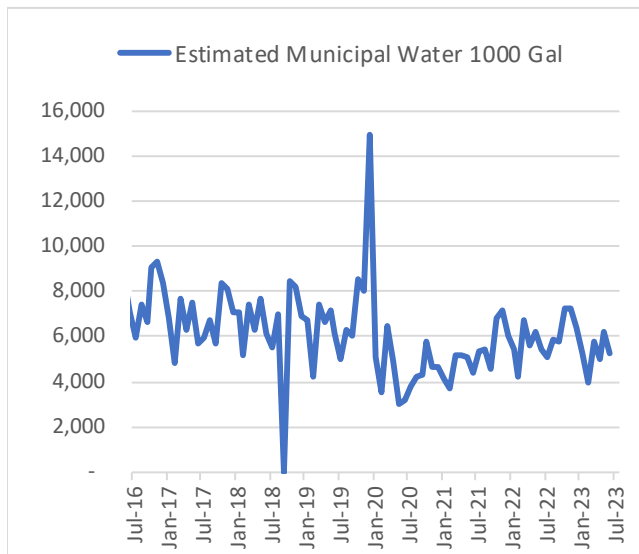
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	3.17		-	1.39	4.39			0.0909
2018	3.18		-	1.45	4.60			0.0903
2019	3.06		-	1.39	4.26			0.0946
2020	3.13		-	1.23	3.86			0.0726
2021	2.91		-	1.19	3.46			0.0749
2022	3.23		-	1.25	4.03			0.1029
2023	2.85		-	1.19	3.37			0.0925



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
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	1,769,312	74,995	-	74,995	42.39		42.39	\$ 0.35
2021	1,769,312	55,133	-	55,133	31.16		31.16	\$ 0.27
2022	1,769,312	68,931	-	68,931	38.96		38.96	\$ 0.32
2023	1,769,312	68,975	-	68,975	38.98		38.98	\$ 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
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
2022	\$ 160,279	\$ 400,697	40.0%	\$ -	\$ 2.33		\$ 2.33	\$ 8.14
2023	\$ 165,030	\$ 412,575	40.0%	\$ -	\$ 2.39		\$ 2.39	\$ 8.37

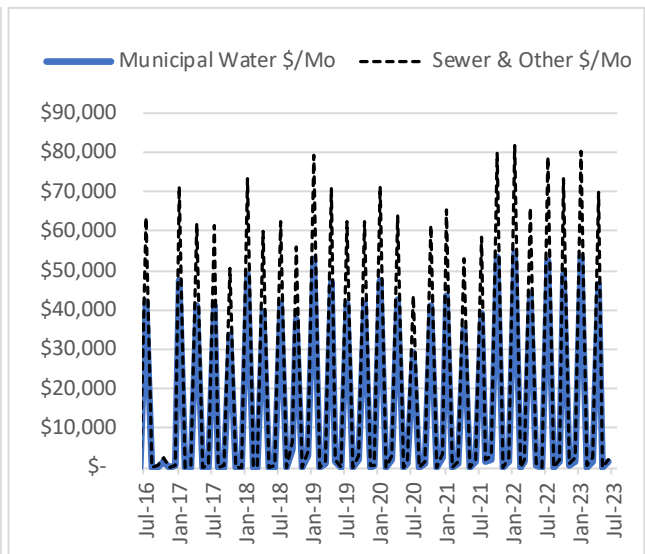
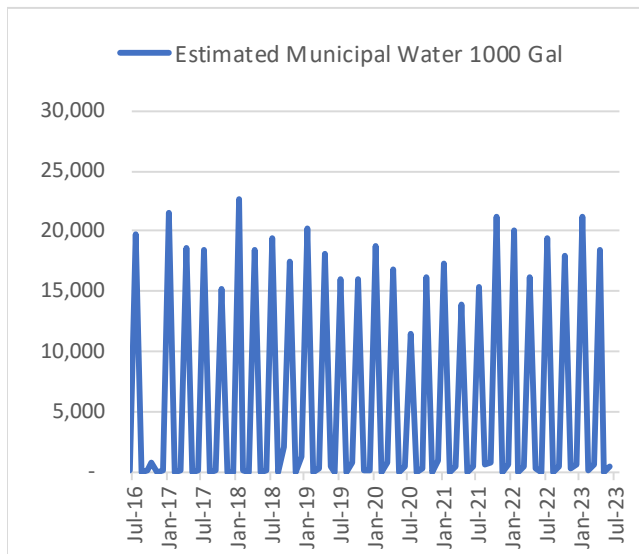
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.52		-	1.39	2.11			0.1019
2018	1.57		-	1.45	2.28			0.1053
2019	1.60		-	1.39	2.23			0.0938
2020	1.56		-	1.23	1.92			0.0813
2021	1.52		-	1.19	1.81			0.0563
2022	1.51		-	1.25	1.88			0.0731
2023	1.55		-	1.19	1.83			0.0714



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
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	2,629,769	69,800	-	69,800	26.54		26.54	\$ 0.24
2021	2,629,769	61,260	-	61,260	23.29		23.29	\$ 0.21
2022	2,629,769	75,702	-	75,702	28.79		28.79	\$ 0.26
2023	2,629,769	79,777	-	79,777	30.34		30.34	\$ 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
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%	\$ -	\$ 2.52		\$ 2.52	\$ 8.84
2022	\$ 198,106	\$ 495,266	40.0%	\$ -	\$ 2.62		\$ 2.62	\$ 9.16
2023	\$ 208,284	\$ 520,710	40.0%	\$ -	\$ 2.61		\$ 2.61	\$ 9.14

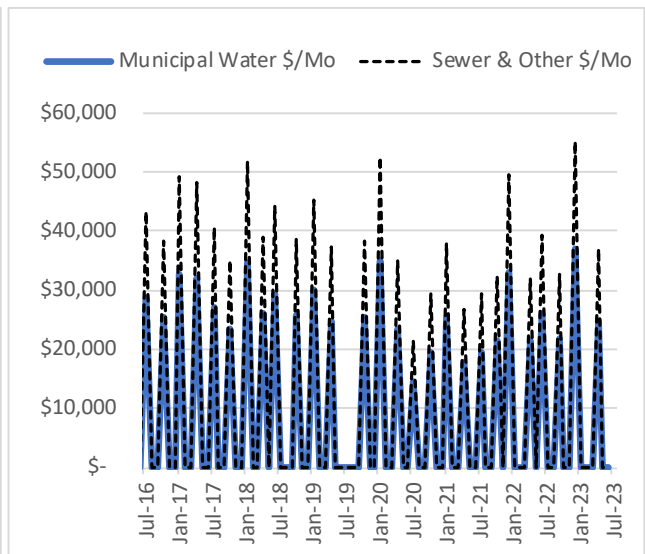
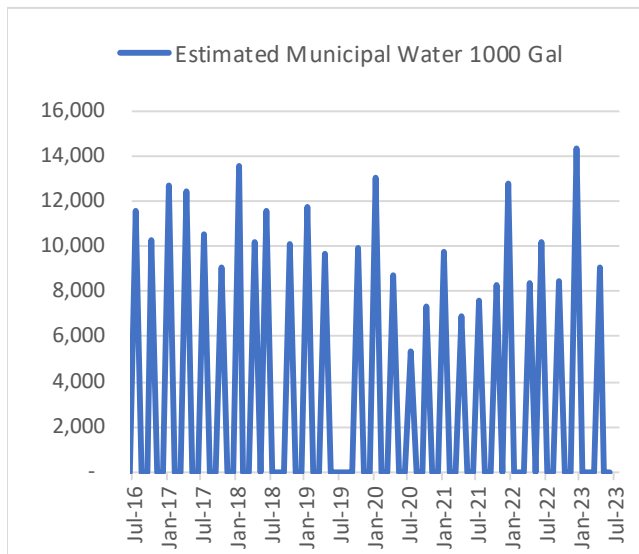
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.24		-	1.39	1.72			0.0399
2018	1.18		-	1.45	1.71			0.0489
2019	1.24		-	1.39	1.72			0.0520
2020	1.22		-	1.23	1.50			0.0398
2021	1.15		-	1.19	1.36			0.0318
2022	2.00		-	1.25	2.49			0.0717
2023	1.15		-	1.19	1.36			0.0413



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
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	2,452,414	31,701	-	31,701	12.93		12.93	\$ 0.12
2021	2,452,414	29,354	-	29,354	11.97		11.97	\$ 0.11
2022	2,452,414	47,157	-	47,157	19.23		19.23	\$ 0.17
2023	2,452,414	31,945	-	31,945	13.03		13.03	\$ 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
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
2022	\$ 121,747	\$ 304,367	40.0%	\$ -	\$ 2.58		\$ 2.58	\$ 9.04
2023	\$ 83,325	\$ 208,312	40.0%	\$ -	\$ 2.61		\$ 2.61	\$ 9.13

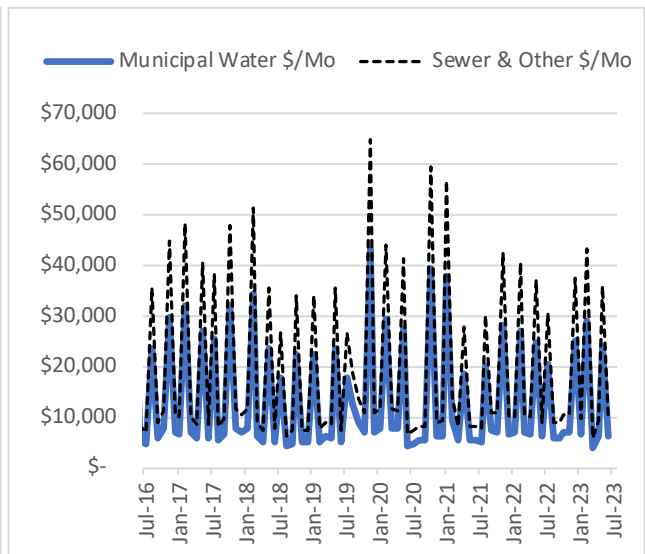
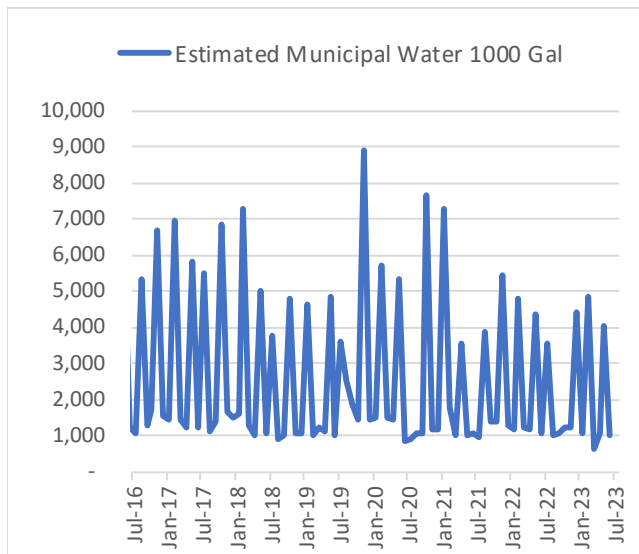
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.32		-	1.39	3.22			0.0618
2018	2.04		-	1.45	2.96			0.0663
2019	2.14		-	1.39	2.99			0.0383
2020	2.21		-	1.23	2.72			0.0352
2021	2.25		-	1.19	2.67			0.0320
2022	2.31		-	1.25	2.88			0.0553
2023	2.32		-	1.19	2.75			0.0358



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
2017	1,120,382	35,798	-	35,798	31.95		31.95	\$ 0.51
2018	1,120,382	35,433	-	35,433	31.63		31.63	\$ 0.52
2019	1,120,382	26,488	-	26,488	23.64		23.64	\$ 0.40
2020	1,120,382	36,168	-	36,168	32.28		32.28	\$ 0.56
2021	1,120,382	28,787	-	28,787	25.69		25.69	\$ 0.47
2022	1,120,382	28,139	-	28,139	25.12		25.12	\$ 0.48
2023	1,120,382	25,212	-	25,212	22.50		22.50	\$ 0.46

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
2017	\$ 162,484	\$ 406,210	40.0%	\$ -	\$ 4.54		\$ 4.54	\$ 15.89
2018	\$ 165,425	\$ 413,562	40.0%	\$ -	\$ 4.67		\$ 4.67	\$ 16.34
2019	\$ 126,909	\$ 317,272	40.0%	\$ -	\$ 4.79		\$ 4.79	\$ 16.77
2020	\$ 180,594	\$ 451,484	40.0%	\$ -	\$ 4.99		\$ 4.99	\$ 17.48
2021	\$ 148,972	\$ 372,430	40.0%	\$ -	\$ 5.17		\$ 5.17	\$ 18.11
2022	\$ 152,721	\$ 381,801	40.0%	\$ -	\$ 5.43		\$ 5.43	\$ 19.00
2023	\$ 146,284	\$ 365,709	40.0%	\$ -	\$ 5.80		\$ 5.80	\$ 20.31

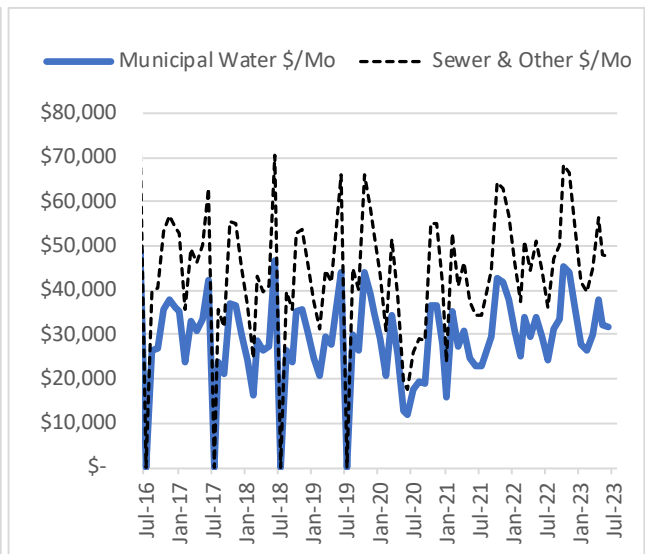
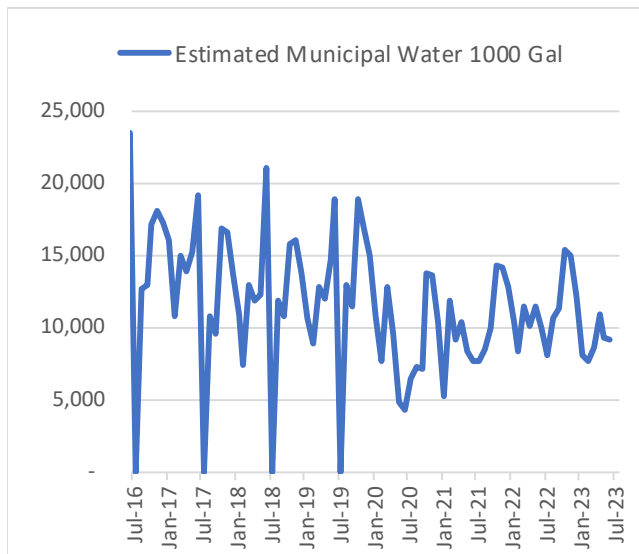
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.0885
2018	2.00		-	1.45	2.90			0.0917
2019	2.00		-	1.39	2.79			0.0659
2020	2.00		-	1.23	2.47			0.0796
2021	2.00		-	1.19	2.38			0.0610
2022	2.00		-	1.25	2.49			0.0626
2023	2.00		-	1.19	2.37			0.0533



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
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	2,942,875	125,071	-	125,071	42.50		42.50	\$ 0.37
2021	2,942,875	111,322	-	111,322	37.83		37.83	\$ 0.37
2022	2,942,875	129,200	-	129,200	43.90		43.90	\$ 0.46
2023	2,942,875	126,300	-	126,300	42.92		42.92	\$ 0.48

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
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
2022	\$ 383,959	\$ 959,898	40.0%	\$ -	\$ 2.97		\$ 2.97	\$ 10.40
2023	\$ 400,695	\$ 1,001,738	40.0%	\$ -	\$ 3.17		\$ 3.17	\$ 11.10

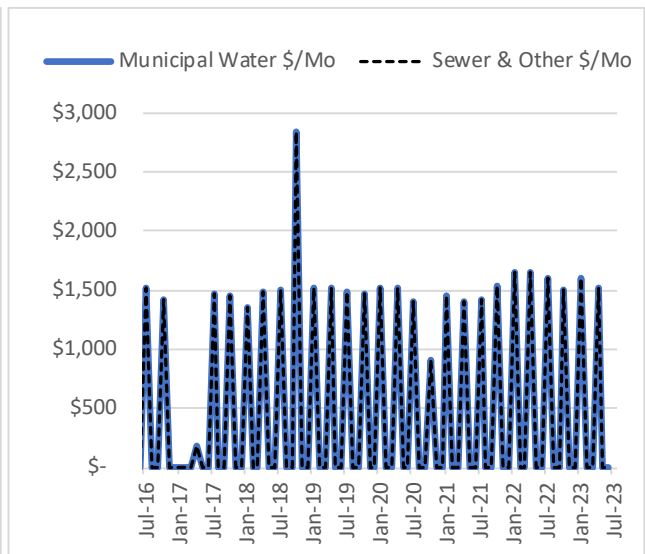
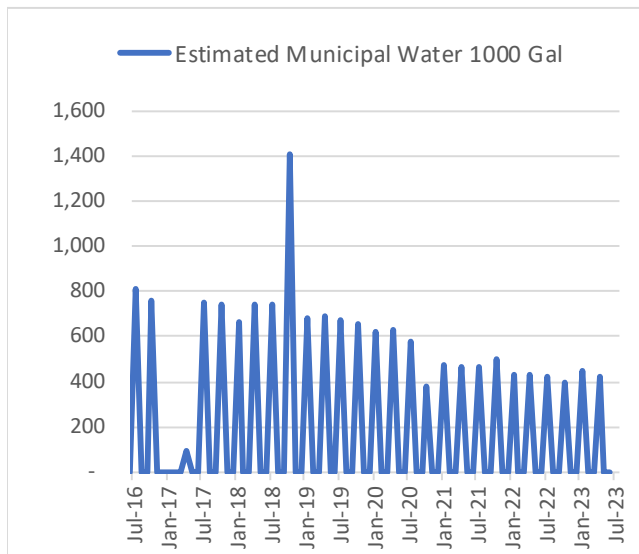
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.88		-	1.39	2.61			0.1490
2018	1.92		-	1.45	2.78			0.1357
2019	1.87		-	1.39	2.61			0.1297
2020	2.74		-	1.23	3.38			0.1436
2021	2.74		-	1.19	3.25			0.1231
2022	2.74		-	1.25	3.41			0.1499
2023	2.74		-	1.19	3.24			0.1392



UW-Platteville, 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
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	165,615	2,580	-	2,580	15.58		15.58	\$ 0.11
2021	165,615	1,890	-	1,890	11.41		11.41	\$ 0.09
2022	165,615	1,828	-	1,828	11.04		11.04	\$ 0.11
2023	165,615	1,687	-	1,687	10.19		10.19	\$ 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
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
2022	\$ 6,240	\$ 12,480	50.0%	\$ -	\$ 3.41		\$ 3.41	\$ 10.24
2023	\$ 6,247	\$ 12,494	50.0%	\$ -	\$ 3.70		\$ 3.70	\$ 11.11

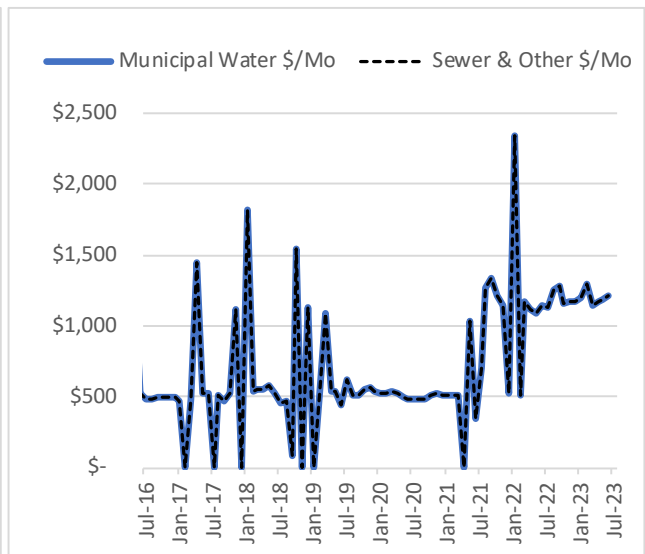
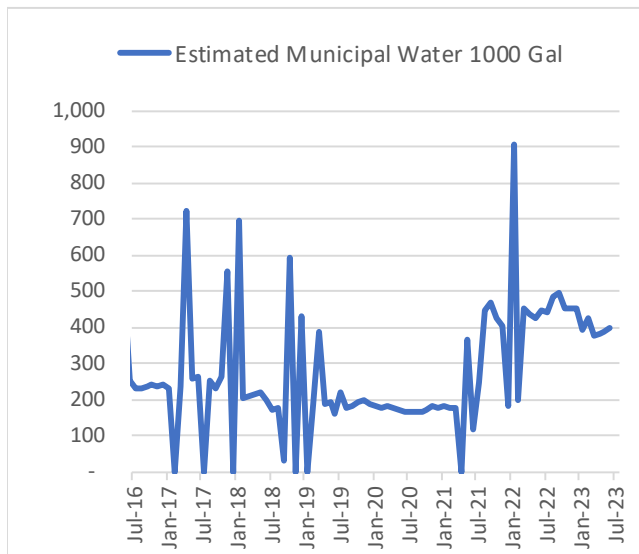
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.75		-	1.39	2.42			0.0243
2018	1.75		-	1.45	2.54			0.0445
2019	1.78		-	1.39	2.48			0.0527
2020	1.89		-	1.23	2.33			0.0363
2021	2.07		-	1.19	2.46			0.0281
2022	2.11		-	1.25	2.63			0.0290
2023	1.98		-	1.19	2.34			0.0239



UW-Eau Claire, 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
2017	146,683	3,134	-	3,134	21.37		21.37	\$ 0.13
2018	146,683	3,048	-	3,048	20.78		20.78	\$ 0.15
2019	146,683	2,520	-	2,520	17.18		17.18	\$ 0.14
2020	146,683	2,227	-	2,227	15.19		15.19	\$ 0.13
2021	146,683	2,051	-	2,051	13.98		13.98	\$ 0.12
2022	146,683	5,046	-	5,046	34.40		34.40	\$ 0.28
2023	146,683	5,142	-	5,142	35.05		35.05	\$ 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
2017	\$ 6,389	\$ 12,779	50.0%	\$ -	\$ 2.04		\$ 2.04	\$ 6.12
2018	\$ 7,168	\$ 14,336	50.0%	\$ -	\$ 2.35		\$ 2.35	\$ 7.06
2019	\$ 6,792	\$ 13,585	50.0%	\$ -	\$ 2.70		\$ 2.70	\$ 8.09
2020	\$ 6,355	\$ 12,710	50.0%	\$ -	\$ 2.85		\$ 2.85	\$ 8.56
2021	\$ 5,891	\$ 11,782	50.0%	\$ -	\$ 2.87		\$ 2.87	\$ 8.62
2022	\$ 13,557	\$ 27,115	50.0%	\$ -	\$ 2.69		\$ 2.69	\$ 8.06
2023	\$ 14,343	\$ 28,687	50.0%	\$ -	\$ 2.79		\$ 2.79	\$ 8.37

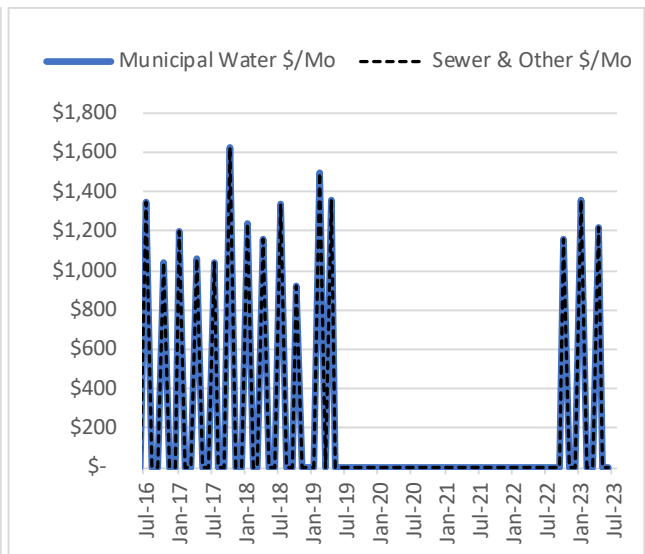
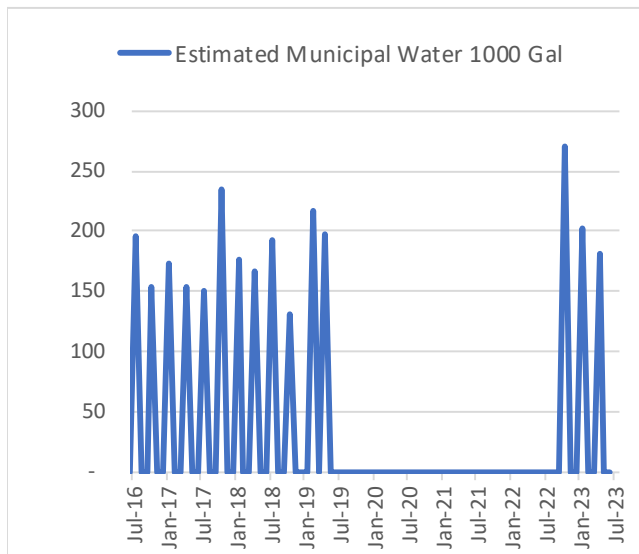
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.33		-	1.39	1.84			0.0394
2018	1.35		-	1.45	1.95			0.0405
2019	1.28		-	1.39	1.78			0.0306
2020	1.53		-	1.23	1.88			0.0286
2021	1.57		-	1.19	1.86			0.0260
2022	1.56		-	1.25	1.94			0.0669
2023	1.83		-	1.19	2.17			0.0759



UW-Oshkosh, 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
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	-	-	-			-	\$ -
2022	194,077	-	-	-			-	\$ -
2023	194,077	652	-	652	3.36		3.36	\$ 0.06

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
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	\$ -	\$ -		\$ -			\$ -	
2021	\$ -	\$ -		\$ -			\$ -	
2022	\$ -	\$ -		\$ -			\$ -	
2023	\$ 3,745	\$ 7,489	50.0%	\$ -	\$ 5.74		\$ 5.74	\$ 17.23

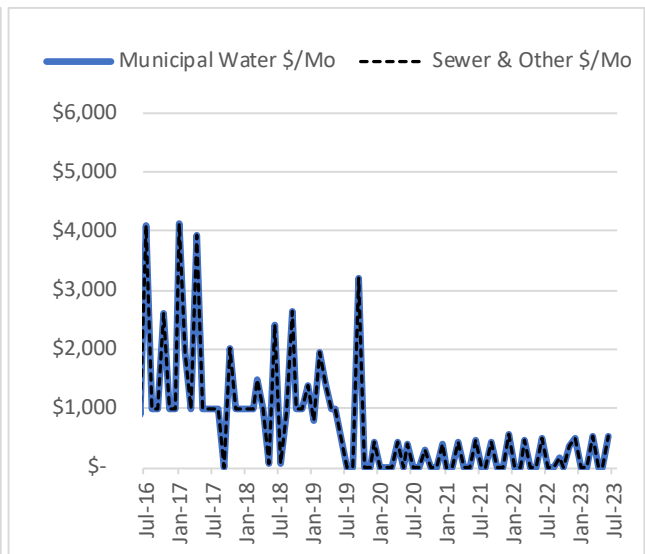
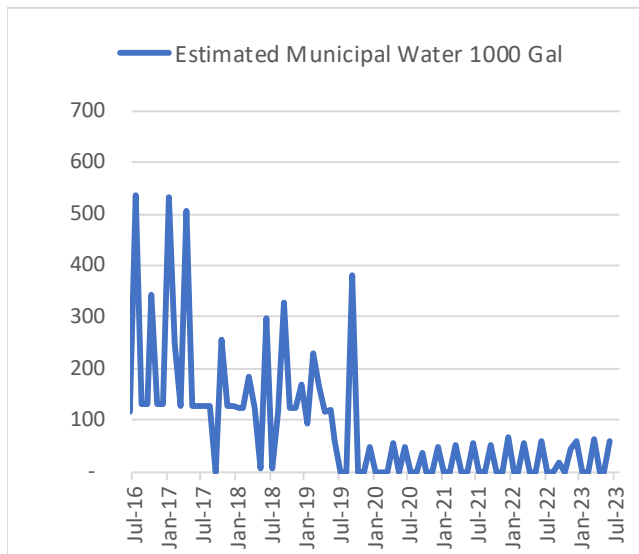
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	3.75		-	1.39	5.20			0.0181
2018	4.41		-	1.45	6.38			0.0240
2019	3.67		-	1.39	5.11			0.0194
2020			-	1.23				
2021			-	1.19				
2022			-	1.25				
2023	3.85		-	1.19	4.56			0.0153



UW-Oshkosh, Fox Cities 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
2017	274,078	3,080	-	3,080	11.24		11.24	\$ 0.26
2018	274,078	1,629	-	1,629	5.94		5.94	\$ 0.14
2019	274,078	1,655	-	1,655	6.04		6.04	\$ 0.15
2020	274,078	532	-	532	1.94		1.94	\$ 0.05
2021	274,078	197	-	197	0.72		0.72	\$ 0.02
2022	274,078	238	-	238	0.87		0.87	\$ 0.02
2023	274,078	247	-	247	0.90		0.90	\$ 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
2017	\$ 23,746	\$ 47,493	50.0%	\$ -	\$ 7.71		\$ 7.71	\$ 23.13
2018	\$ 12,980	\$ 25,961	50.0%	\$ -	\$ 7.97		\$ 7.97	\$ 23.90
2019	\$ 13,709	\$ 27,417	50.0%	\$ -	\$ 8.28		\$ 8.28	\$ 24.85
2020	\$ 4,461	\$ 8,922	50.0%	\$ -	\$ 8.38		\$ 8.38	\$ 25.15
2021	\$ 1,609	\$ 3,217	50.0%	\$ -	\$ 8.17		\$ 8.17	\$ 24.50
2022	\$ 1,952	\$ 3,904	50.0%	\$ -	\$ 8.22		\$ 8.22	\$ 24.65
2023	\$ 2,079	\$ 4,158	50.0%	\$ -	\$ 8.41		\$ 8.41	\$ 25.22

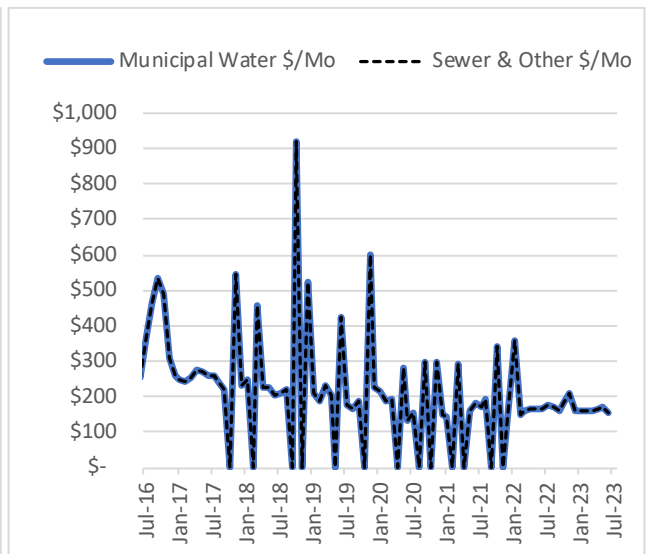
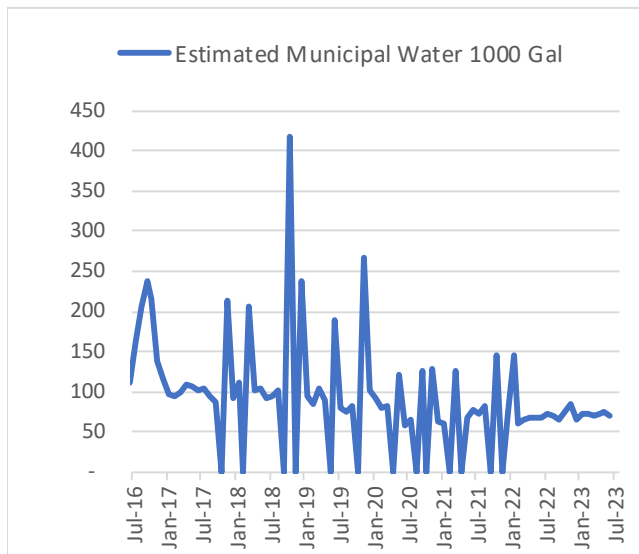
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.26		-	1.39	3.12			0.0351
2018	1.99		-	1.45	2.89			0.0172
2019	2.25		-	1.39	3.14			0.0189
2020	2.36		-	1.23	2.90			0.0056
2021	2.37		-	1.19	2.82			0.0020
2022	2.31		-	1.25	2.88			0.0025
2023	2.03		-	1.19	2.41			0.0022



UW-Green Bay, 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
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
2022	125,045	853	-	853	6.82		6.82	\$ 0.05
2023	125,045	867	-	867	6.93		6.93	\$ 0.05

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
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
2022	\$ 2,050	\$ 4,101	50.0%	\$ -	\$ 2.40		\$ 2.40	\$ 7.21
2023	\$ 2,039	\$ 4,078	50.0%	\$ -	\$ 2.35		\$ 2.35	\$ 7.06

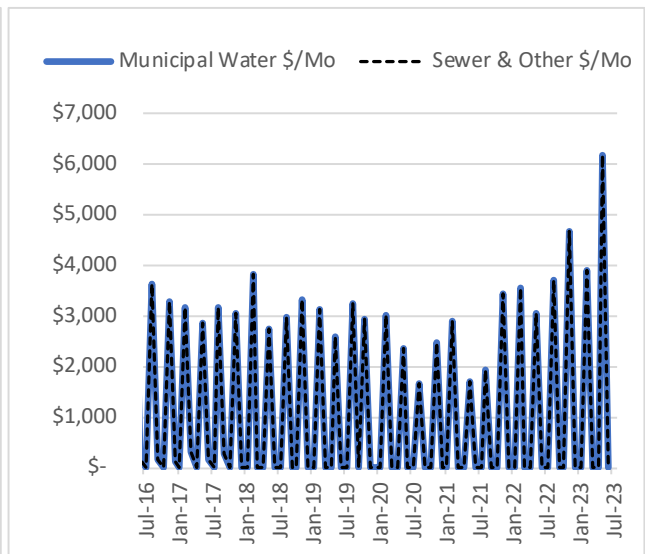
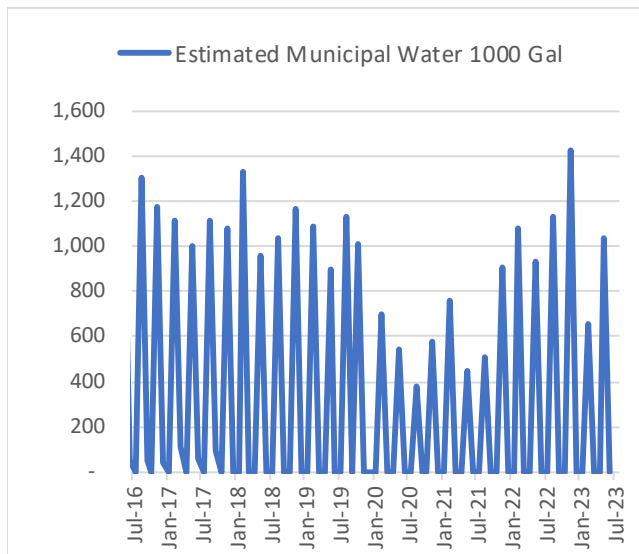
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.62		-	1.39	3.63			0.0489
2018	2.59		-	1.45	3.76			0.0363
2019	2.43		-	1.39	3.38			0.0382
2020	2.50		-	1.23	3.08			0.0256
2021	2.39		-	1.19	2.84			0.0162
2022	2.49		-	1.25	3.10			0.0211
2023	2.35		-	1.19	2.78			0.0193



UW-Stevens Point, Wausau 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
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
2022	327,695	3,425	-	3,425	10.45		10.45	\$ 0.11
2023	327,695	4,249	-	4,249	12.97		12.97	\$ 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
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
2022	\$ 11,968	\$ 23,935	50.0%	\$ -	\$ 3.49		\$ 3.49	\$ 10.48
2023	\$ 18,450	\$ 36,901	50.0%	\$ -	\$ 4.34		\$ 4.34	\$ 13.03

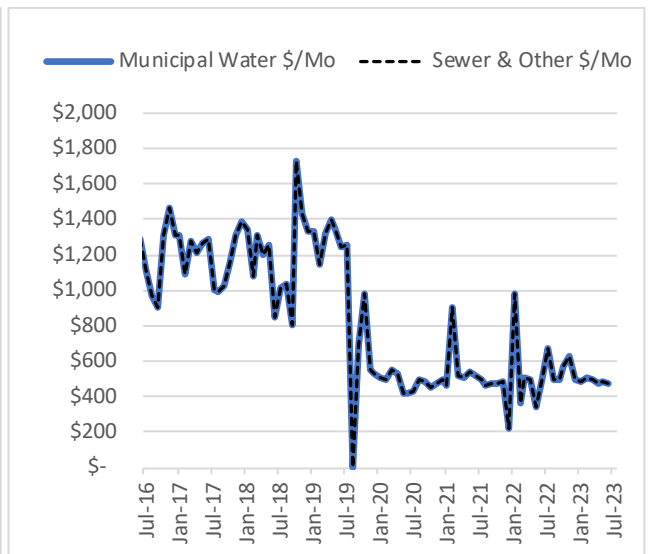
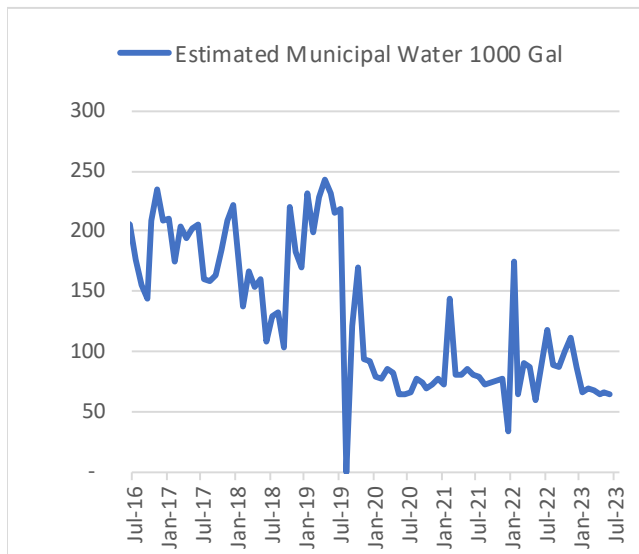
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.81		-	1.39	2.51			0.0372
2018	1.84		-	1.45	2.66			0.0372
2019	1.71		-	1.39	2.38			0.0304
2020	2.01		-	1.23	2.48			0.0256
2021	1.80		-	1.19	2.14			0.0142
2022	2.06		-	1.25	2.57			0.0268
2023	2.00		-	1.19	2.37			0.0307



UW-Green Bay, 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
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	107,988	1,149	-	1,149	10.64		10.64	\$ 0.19
2021	107,988	983	-	983	9.11		9.11	\$ 0.17
2022	107,988	976	-	976	9.04		9.04	\$ 0.16
2023	107,988	993	-	993	9.20		9.20	\$ 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
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
2022	\$ 5,790	\$ 11,580	50.0%	\$ -	\$ 5.93		\$ 5.93	\$ 17.80
2023	\$ 6,278	\$ 12,556	50.0%	\$ -	\$ 6.32		\$ 6.32	\$ 18.96

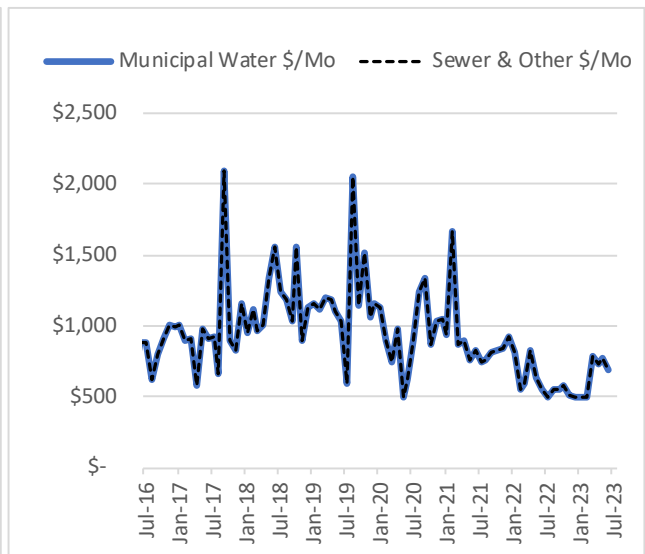
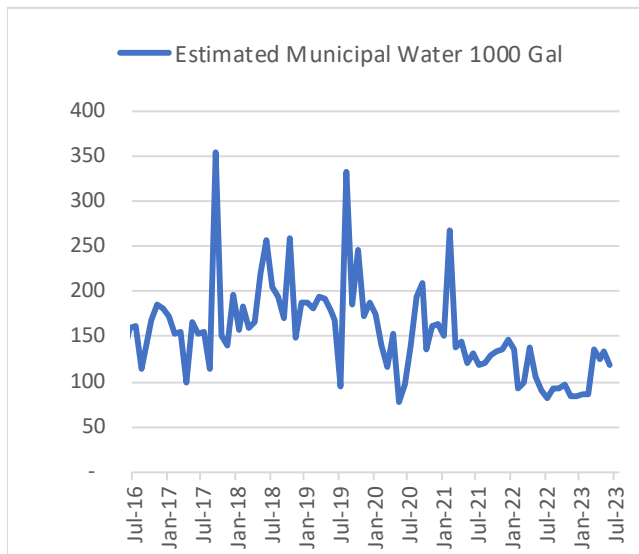
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.98		-	1.39	2.74			0.0587
2018	2.35		-	1.45	3.41			0.0629
2019	1.79		-	1.39	2.50			0.0528
2020	1.68		-	1.23	2.08			0.0221
2021	1.66		-	1.19	1.98			0.0180
2022	1.68		-	1.25	2.09			0.0189
2023	2.19		-	1.19	2.59			0.0238



UW-Stevens Point, 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
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	149,996	1,978	-	1,978	13.19		13.19	\$ 0.25
2021	149,996	1,957	-	1,957	13.05		13.05	\$ 0.25
2022	149,996	1,447	-	1,447	9.65		9.65	\$ 0.18
2023	149,996	1,214	-	1,214	8.09		8.09	\$ 0.14

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
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
2022	\$ 8,865	\$ 17,730	50.0%	\$ -	\$ 6.13		\$ 6.13	\$ 18.38
2023	\$ 7,155	\$ 14,311	50.0%	\$ -	\$ 5.89		\$ 5.89	\$ 17.68

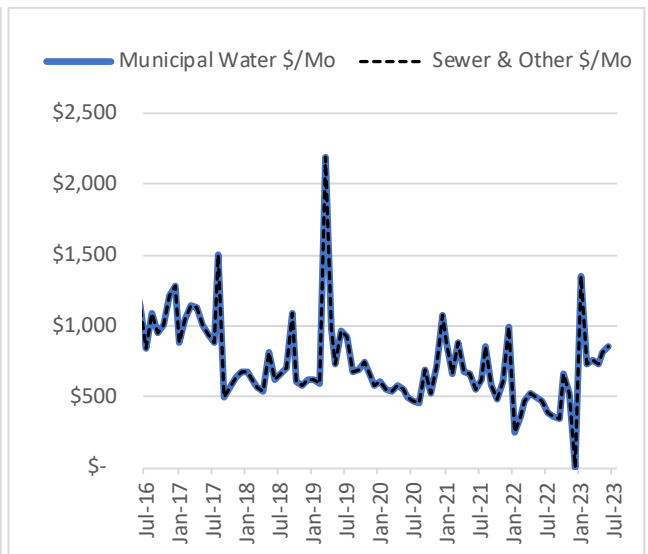
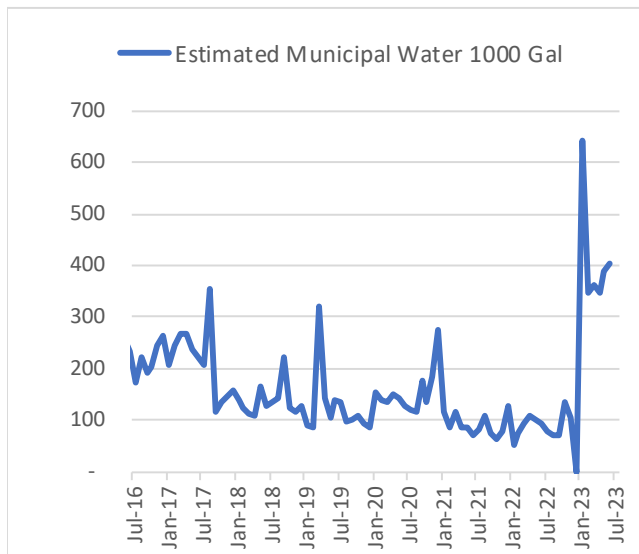
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.47		-	1.39	3.41			0.0422
2018	2.52		-	1.45	3.65			0.0549
2019	2.48		-	1.39	3.45			0.0522
2020	2.42		-	1.23	2.98			0.0393
2021	2.49		-	1.19	2.96			0.0387
2022	2.61		-	1.25	3.26			0.0314
2023	2.50		-	1.19	2.96			0.0240



UW-Platteville, 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
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	108,760	1,477	-	1,477	13.58		13.58	\$ 0.21
2021	108,760	1,574	-	1,574	14.48		14.48	\$ 0.23
2022	108,760	1,064	-	1,064	9.78		9.78	\$ 0.18
2023	108,760	2,964	-	2,964	27.25		27.25	\$ 0.21

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
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
2022	\$ 6,695	\$ 13,391	50.0%	\$ -	\$ 6.29		\$ 6.29	\$ 18.88
2023	\$ 7,498	\$ 14,995	50.0%	\$ -	\$ 2.53		\$ 2.53	\$ 7.59

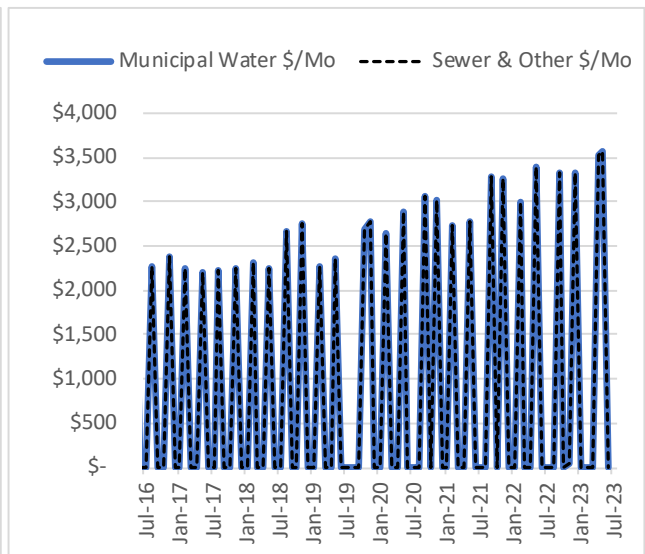
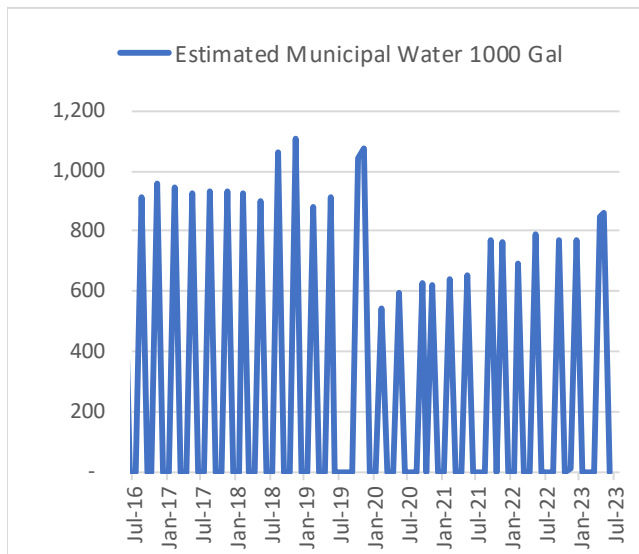
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.60		-	1.39	2.21			0.0559
2018	1.66		-	1.45	2.41			0.0421
2019	1.60		-	1.39	2.23			0.0361
2020	1.71		-	1.23	2.11			0.0286
2021	1.76		-	1.19	2.09			0.0302
2022	1.75		-	1.25	2.18			0.0213
2023	1.73		-	1.19	2.05			0.0559



UW-Whitewater, 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
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
2022	191,592	3,021	-	3,021	15.77		15.77	\$ 0.20
2023	191,592	3,258	-	3,258	17.01		17.01	\$ 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
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
2022	\$ 12,932	\$ 25,864	50.0%	\$ -	\$ 4.28		\$ 4.28	\$ 12.84
2023	\$ 13,784	\$ 27,568	50.0%	\$ -	\$ 4.23		\$ 4.23	\$ 12.69

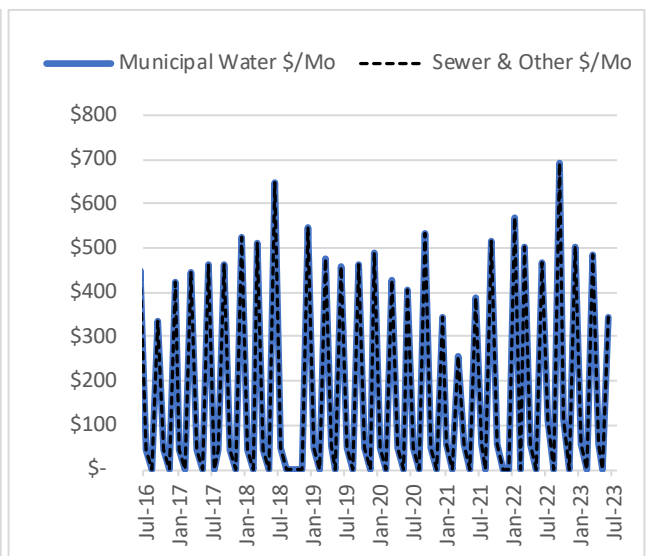
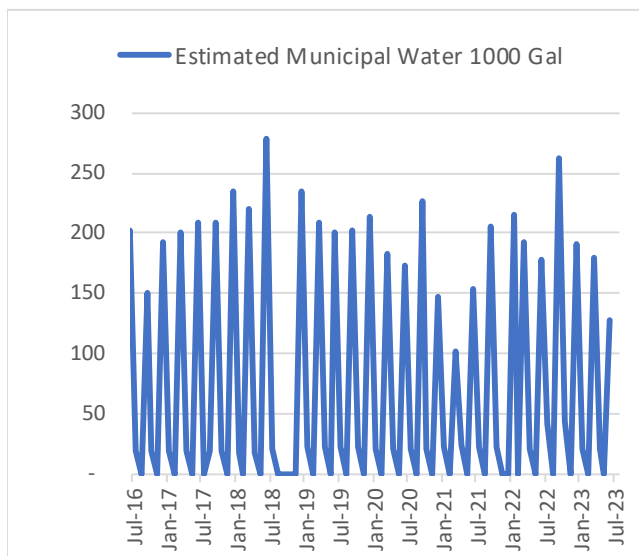
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.73		-	1.39	2.39			0.0467
2018	1.65		-	1.45	2.39			0.0461
2019	1.66		-	1.39	2.32			0.0480
2020	1.65		-	1.23	2.04			0.0346
2021	1.65		-	1.19	1.96			0.0260
2022	1.67		-	1.25	2.08			0.0328
2023	1.69		-	1.19	2.00			0.0340



UW-Green Bay, 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
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	200,918	857	-	857	4.27		4.27	\$ 0.03
2021	200,918	717	-	717	3.57		3.57	\$ 0.03
2022	200,918	856	-	856	4.26		4.26	\$ 0.03
2023	200,918	888	-	888	4.42		4.42	\$ 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
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
2022	\$ 2,222	\$ 4,444	50.0%	\$ -	\$ 2.60		\$ 2.60	\$ 7.79
2023	\$ 2,359	\$ 4,718	50.0%	\$ -	\$ 2.66		\$ 2.66	\$ 7.97

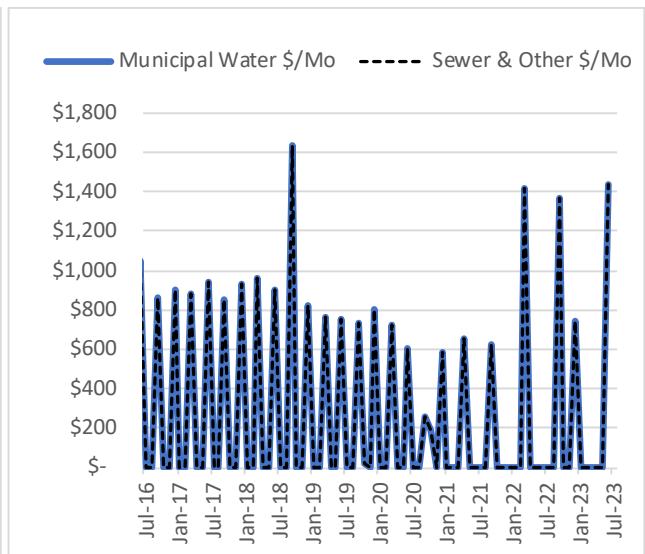
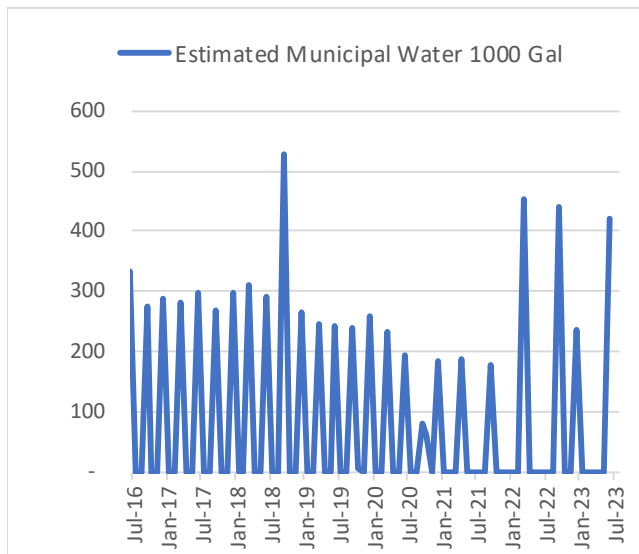
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.39		-	1.39	1.92			0.0079
2018	1.41		-	1.45	2.04			0.0103
2019	1.43		-	1.39	1.99			0.0070
2020	1.43		-	1.23	1.77			0.0075
2021	1.41		-	1.19	1.67			0.0060
2022	1.45		-	1.25	1.81			0.0077
2023	1.47		-	1.19	1.74			0.0077



UW-Milwaukee, 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
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	199,038	930	-	930	4.67		4.67	\$ 0.04
2021	199,038	514	-	514	2.58		2.58	\$ 0.03
2022	199,038	631	-	631	3.17		3.17	\$ 0.03
2023	199,038	1,096	-	1,096	5.51		5.51	\$ 0.05

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
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
2022	\$ 2,041	\$ 4,081	50.0%	\$ -	\$ 3.23		\$ 3.23	\$ 9.70
2023	\$ 3,556	\$ 7,111	50.0%	\$ -	\$ 3.24		\$ 3.24	\$ 9.73

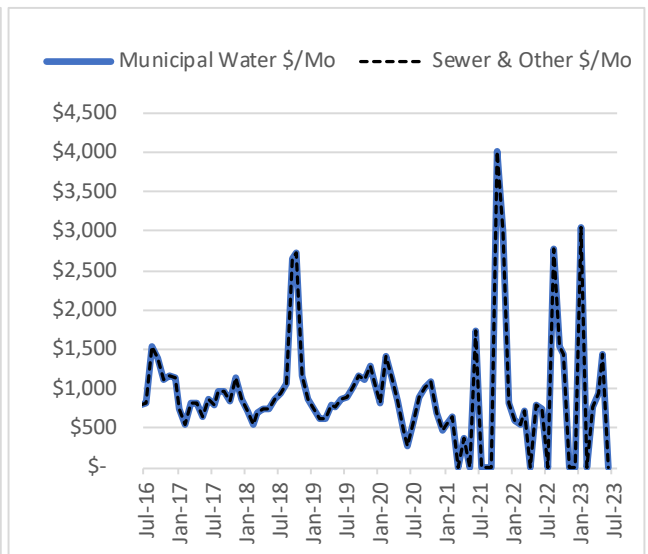
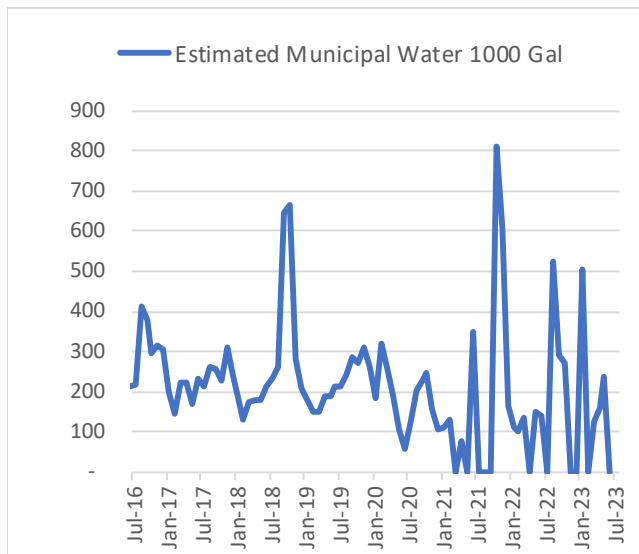
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.84		-	1.39	2.55			0.0146
2018	1.69		-	1.45	2.44			0.0143
2019	1.52		-	1.39	2.12			0.0136
2020	1.04		-	1.23	1.29			0.0060
2021	1.69		-	1.19	2.01			0.0052
2022	1.85		-	1.25	2.31			0.0073
2023	1.73		-	1.19	2.05			0.0113



UW-Milwaukee, 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
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
2022	277,016	2,225	-	2,225	8.03		8.03	\$ 0.12
2023	277,016	2,118	-	2,118	7.64		7.64	\$ 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
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
2022	\$ 11,240	\$ 22,479	50.0%	\$ -	\$ 5.05		\$ 5.05	\$ 15.15
2023	\$ 11,947	\$ 23,894	50.0%	\$ -	\$ 5.64		\$ 5.64	\$ 16.93

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
2017	3.43		-	1.39	4.76			0.0535
2018	3.80		-	1.45	5.50			0.0508
2019	3.39		-	1.39	4.72			0.0574
2020	3.64		-	1.23	4.48			0.0436
2021	3.92		-	1.19	4.65			0.0289
2022	3.52		-	1.25	4.38			0.0352
2023	3.19		-	1.19	3.78			0.0289



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.

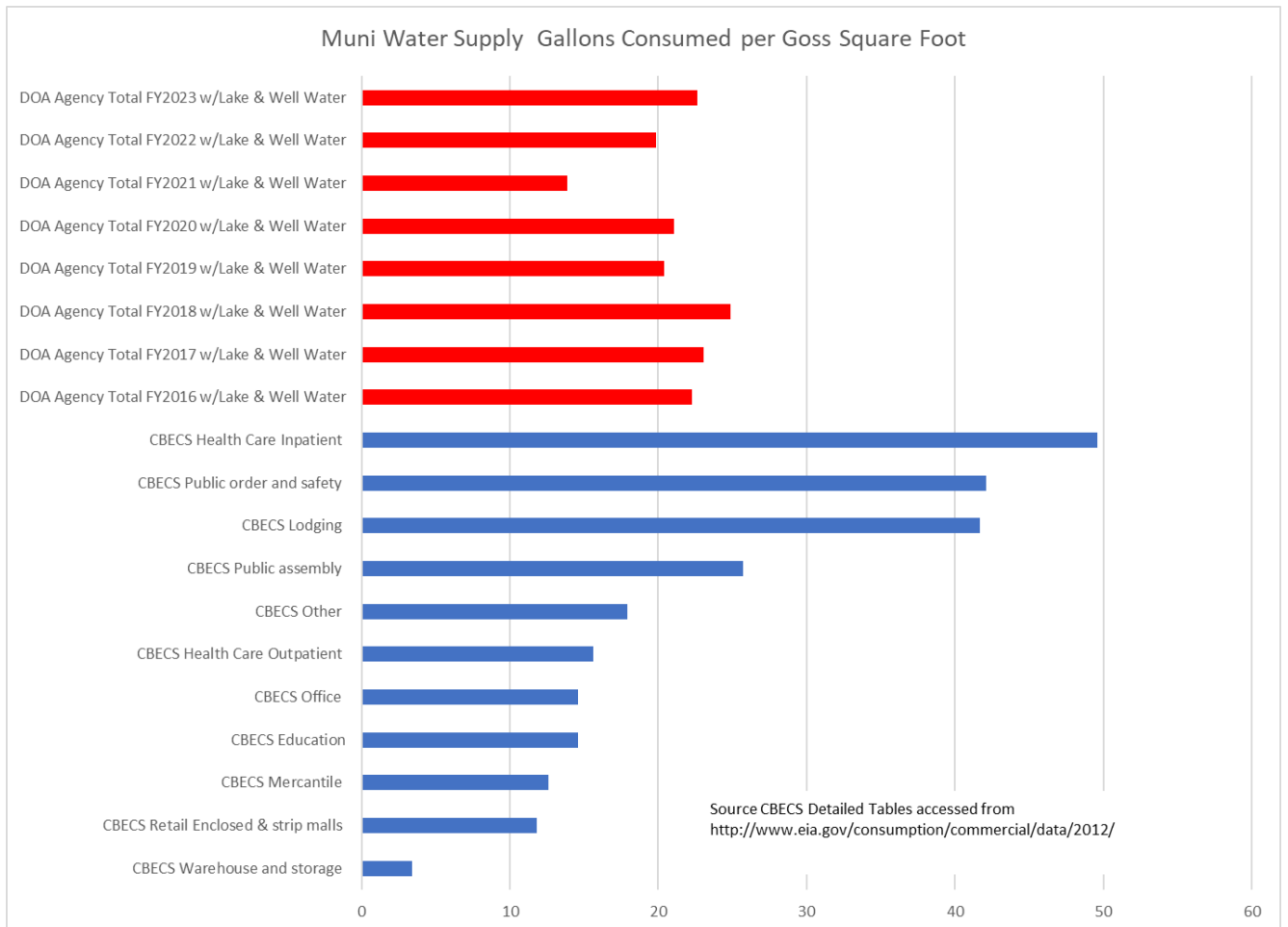
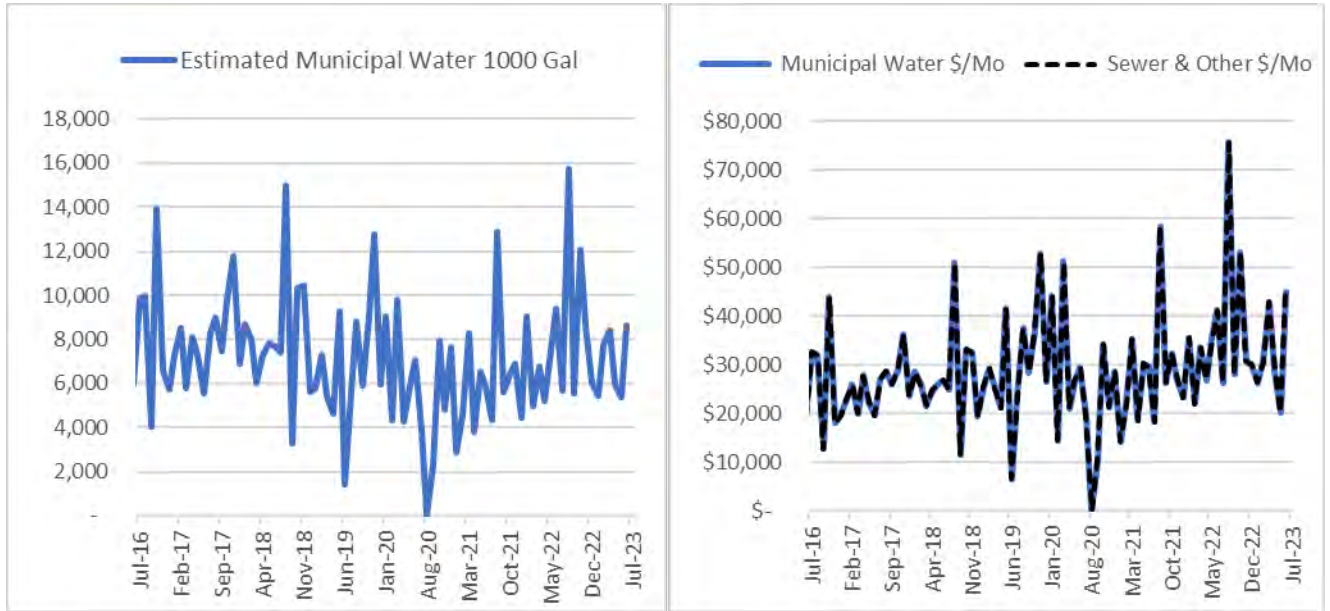
HILL FARMS COMPLEX - Hill Farms D/E/L; and State Transportation Building

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; Milwaukee, 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
2017	4,019,258	92,628	-	92,628	23.05		23.05	\$ 0.22
2018	3,968,416	98,706	-	98,706	24.87		24.87	\$ 0.24
2019	4,202,931	85,799	-	85,799	20.41		20.41	\$ 0.23
2020	4,202,931	88,416	-	88,416	21.04		21.04	\$ 0.28
2021	4,202,931	58,401	-	58,401	13.90		13.90	\$ 0.19
2022	4,202,931	83,377	-	83,377	19.84		19.84	\$ 0.27
2023	4,202,931	95,215	-	95,215	22.65		22.65	\$ 0.31

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
2017	\$ 297,168	\$ 594,336	50.0%	\$ -	\$ 3.21		\$ 3.21	\$ 9.62
2018	\$ 323,754	\$ 647,508	50.0%	\$ -	\$ 3.28		\$ 3.28	\$ 9.84
2019	\$ 321,750	\$ 643,499	50.0%	\$ -	\$ 3.75		\$ 3.75	\$ 11.25
2020	\$ 392,926	\$ 785,852	50.0%	\$ -	\$ 4.44		\$ 4.44	\$ 13.33
2021	\$ 263,281	\$ 526,563	50.0%	\$ -	\$ 4.51		\$ 4.51	\$ 13.52
2022	\$ 379,739	\$ 759,477	50.0%	\$ -	\$ 4.55		\$ 4.55	\$ 13.66
2023	\$ 437,597	\$ 875,193	50.0%	\$ -	\$ 4.60		\$ 4.60	\$ 13.79

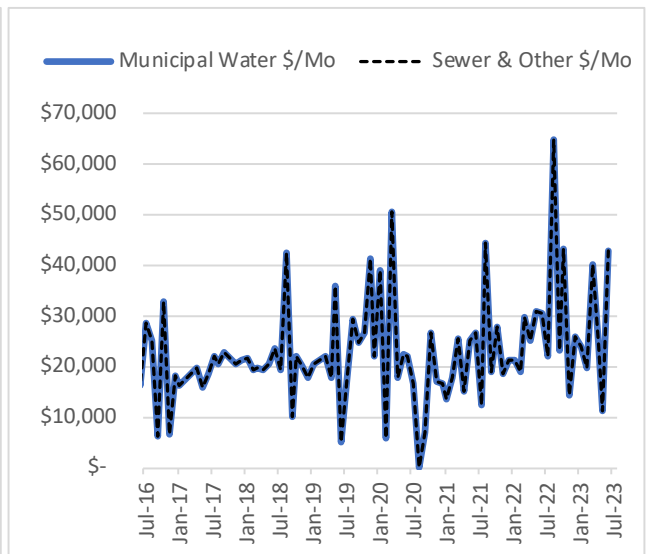
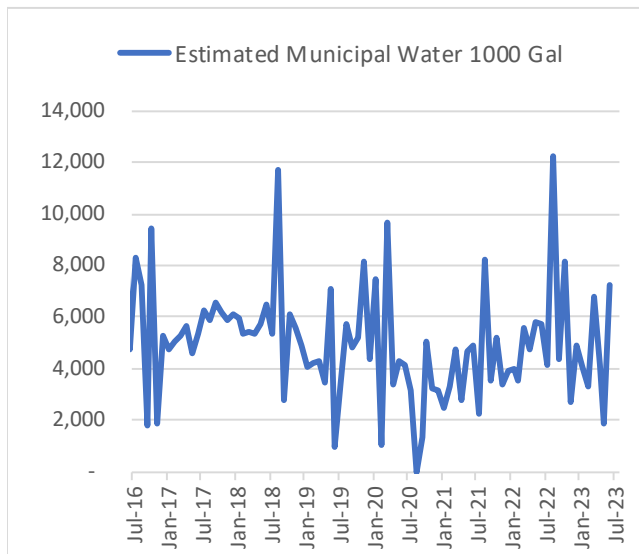
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.07		-	1.39	2.87			0.0662
2018	2.08		-	1.45	3.02			0.0750
2019	2.06		-	1.39	2.87			0.0587
2020	2.09		-	1.23	2.58			0.0542
2021	2.14		-	1.19	2.55			0.0354
2022	2.12		-	1.25	2.65			0.0525
2023	2.10		-	1.19	2.48			0.0563



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
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	3,330,376	60,511	-	60,511	18.17		18.17	\$ 0.23
2020	3,330,376	61,719	-	61,719	18.53		18.53	\$ 0.29
2021	3,330,376	38,971	-	38,971	11.70		11.70	\$ 0.19
2022	3,330,376	56,004	-	56,004	16.82		16.82	\$ 0.27
2023	3,330,376	63,799	-	63,799	19.16		19.16	\$ 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
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
2022	\$ 299,137	\$ 598,274	50.0%	\$ -	\$ 5.34		\$ 5.34	\$ 16.02
2023	\$ 354,404	\$ 708,808	50.0%	\$ -	\$ 5.55		\$ 5.55	\$ 16.66

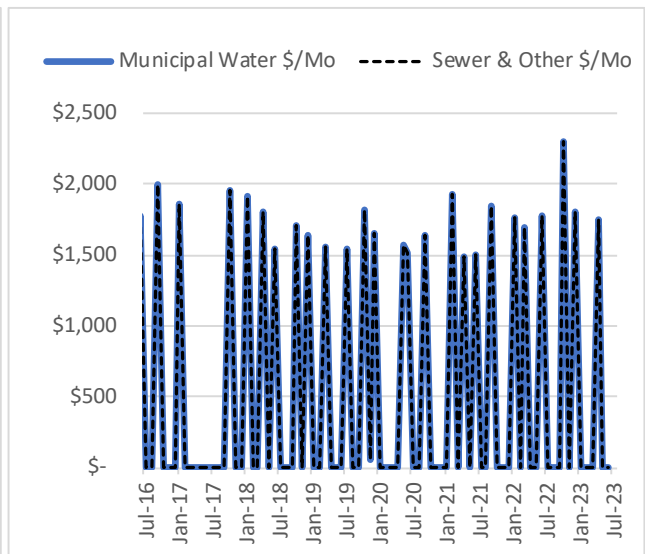
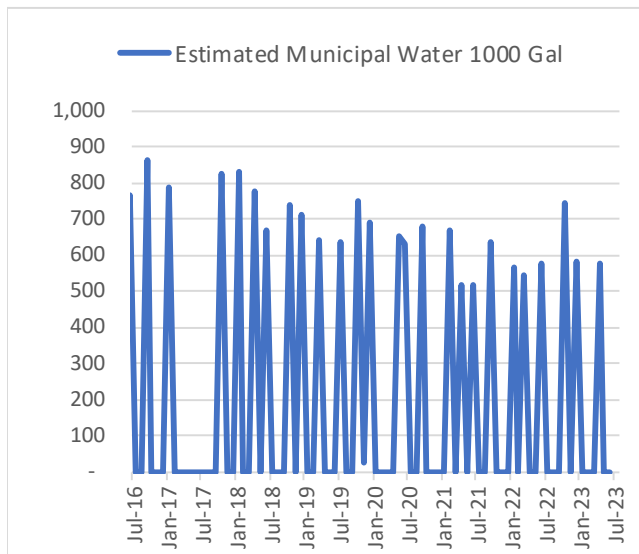
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.15		-	1.39	2.98			0.0579
2018	2.16		-	1.45	3.12			0.0668
2019	2.11		-	1.39	2.94			0.0534
2020	2.23		-	1.23	2.75			0.0511
2021	2.27		-	1.19	2.70			0.0315
2022	2.19		-	1.25	2.73			0.0459
2023	2.28		-	1.19	2.70			0.0518



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
2017	56,206	1,649	-	1,649	29.34		29.34	\$ 0.21
2018	56,206	3,102	-	3,102	55.18		55.18	\$ 0.38
2019	56,206	2,094	-	2,094	37.26		37.26	\$ 0.26
2020	56,206	3,383	-	3,383	60.18		60.18	\$ 0.44
2021	56,206	2,383	-	2,383	42.40		42.40	\$ 0.35
2022	56,206	2,328	-	2,328	41.41		41.41	\$ 0.38
2023	56,206	1,904	-	1,904	33.87		33.87	\$ 0.31

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
2017	\$ 3,864	\$ 7,727	50.0%	\$ -	\$ 2.34		\$ 2.34	\$ 7.03
2018	\$ 7,212	\$ 14,424	50.0%	\$ -	\$ 2.33		\$ 2.33	\$ 6.98
2019	\$ 4,903	\$ 9,806	50.0%	\$ -	\$ 2.34		\$ 2.34	\$ 7.02
2020	\$ 8,153	\$ 16,306	50.0%	\$ -	\$ 2.41		\$ 2.41	\$ 7.23
2021	\$ 6,557	\$ 13,115	50.0%	\$ -	\$ 2.75		\$ 2.75	\$ 8.26
2022	\$ 7,069	\$ 14,137	50.0%	\$ -	\$ 3.04		\$ 3.04	\$ 9.11
2023	\$ 5,844	\$ 11,688	50.0%	\$ -	\$ 3.07		\$ 3.07	\$ 9.21

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
2017	2.04		-	1.39	2.83			0.0830
2018	2.05		-	1.45	2.97			0.1637
2019	2.07		-	1.39	2.88			0.1074
2020	2.05		-	1.23	2.53			0.1523
2021	2.06		-	1.19	2.45			0.1039
2022	2.04		-	1.25	2.54			0.1052
2023	1.99		-	1.19	2.36			0.0799

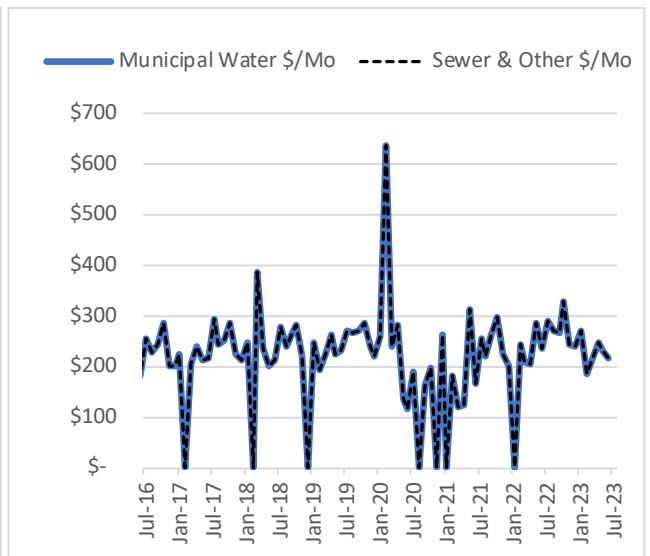
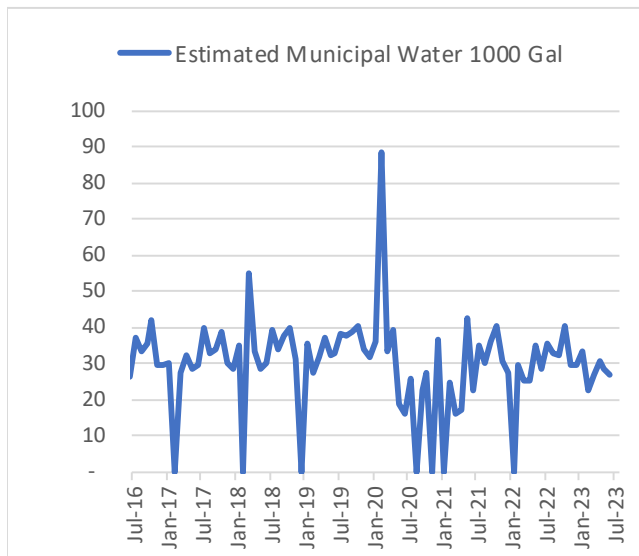


DOA-Green Bay SOB Own Well/Lake= No Vendor = Village of Allouez Water Department

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
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
2022	69,206	343	-	343	4.96		4.96	\$ 0.11
2023	69,206	369	-	369	5.33		5.33	\$ 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
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
2022	\$ 2,629	\$ 5,258	50.0%	\$ -	\$ 7.66		\$ 7.66	\$ 22.98
2023	\$ 3,003	\$ 6,005	50.0%	\$ -	\$ 8.13		\$ 8.13	\$ 24.40

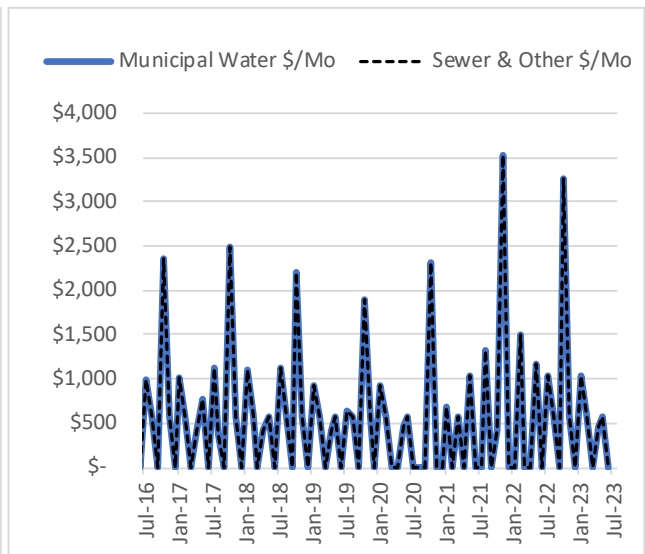
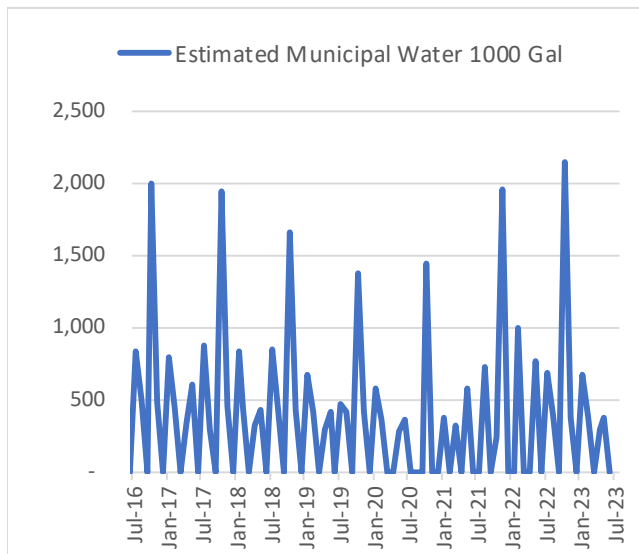
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.0143
2018	2.00		-	1.45	2.90			0.0162
2019	2.00		-	1.39	2.79			0.0153
2020	2.00		-	1.23	2.47			0.0162
2021	2.00		-	1.19	2.38			0.0081
2022	2.00		-	1.25	2.49			0.0124
2023	2.00		-	1.19	2.37			0.0126



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
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	4,270	-	4,270	92.90		92.90	\$ 0.41
2021	45,965	2,722	-	2,722	59.22		59.22	\$ 0.30
2022	45,965	4,685	-	4,685	101.93		101.93	\$ 0.52
2023	45,965	5,318	-	5,318	115.70		115.70	\$ 0.53

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
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%	\$ -	\$ 1.46		\$ 1.46	\$ 4.38
2021	\$ 4,610	\$ 9,221	50.0%	\$ -	\$ 1.69		\$ 1.69	\$ 5.08
2022	\$ 7,943	\$ 15,887	50.0%	\$ -	\$ 1.70		\$ 1.70	\$ 5.09
2023	\$ 8,127	\$ 16,254	50.0%	\$ -	\$ 1.53		\$ 1.53	\$ 4.58

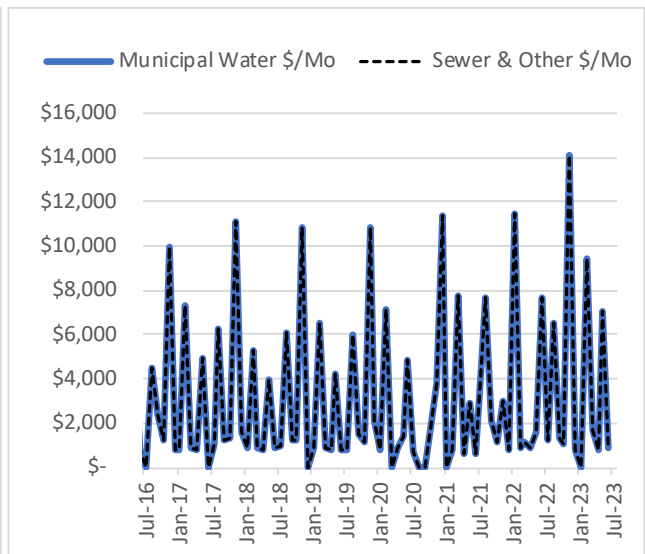
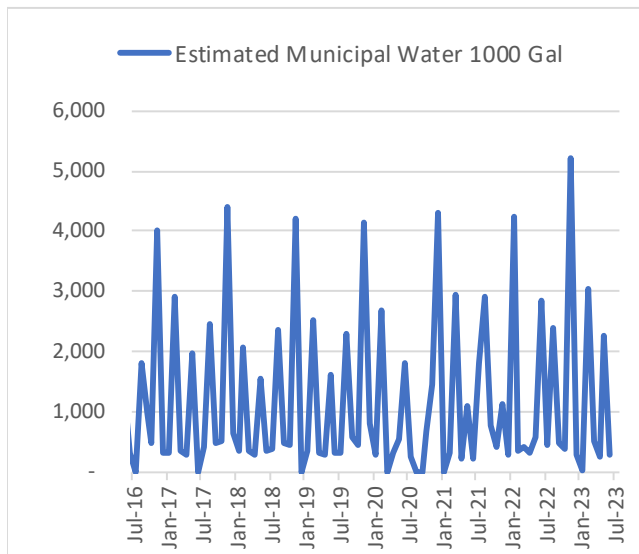
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.45		-	1.39	2.01			0.2625
2018	1.56		-	1.45	2.26			0.2751
2019	1.46		-	1.39	2.04			0.2306
2020	1.35		-	1.23	1.66			0.1545
2021	1.36		-	1.19	1.62			0.0960
2022	1.37		-	1.25	1.71			0.1741
2023	1.36		-	1.19	1.61			0.1861



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
2017	245,135	13,400	-	13,400	54.67		54.67	\$ 0.41
2018	245,135	13,894	-	13,894	56.68		56.68	\$ 0.43
2019	245,135	13,294	-	13,294	54.23		54.23	\$ 0.42
2020	245,135	14,237	-	14,237	58.08		58.08	\$ 0.46
2021	245,135	11,517	-	11,517	46.98		46.98	\$ 0.37
2022	245,135	16,115	-	16,115	65.74		65.74	\$ 0.53
2023	245,135	15,613	-	15,613	63.69		63.69	\$ 0.55

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
2017	\$ 33,430	\$ 66,859	50.0%	\$ -	\$ 2.49		\$ 2.49	\$ 7.48
2018	\$ 35,342	\$ 70,684	50.0%	\$ -	\$ 2.54		\$ 2.54	\$ 7.63
2019	\$ 34,477	\$ 68,954	50.0%	\$ -	\$ 2.59		\$ 2.59	\$ 7.78
2020	\$ 37,399	\$ 74,799	50.0%	\$ -	\$ 2.63		\$ 2.63	\$ 7.88
2021	\$ 30,415	\$ 60,830	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.92
2022	\$ 43,096	\$ 86,193	50.0%	\$ -	\$ 2.67		\$ 2.67	\$ 8.02
2023	\$ 44,853	\$ 89,706	50.0%	\$ -	\$ 2.87		\$ 2.87	\$ 8.62

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
2017	1.83		-	1.39	2.53			0.1385
2018	1.77		-	1.45	2.56			0.1452
2019	1.73		-	1.39	2.41			0.1306
2020	1.86		-	1.23	2.29			0.1329
2021	1.89		-	1.19	2.24			0.1053
2022	1.88		-	1.25	2.34			0.1538
2023	1.87		-	1.19	2.21			0.1410

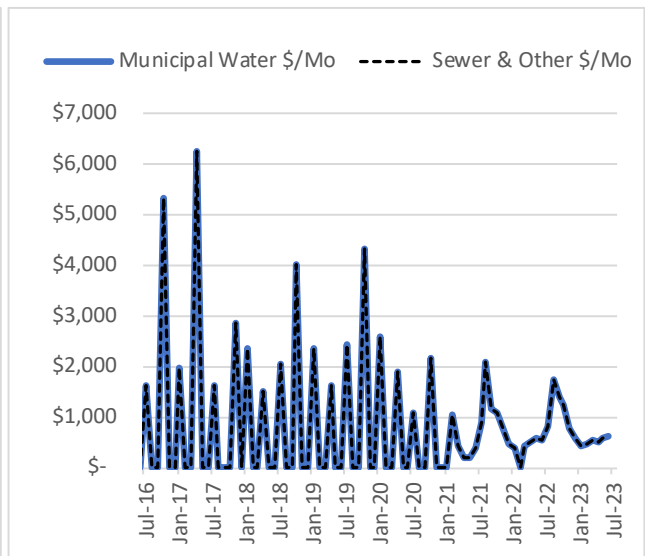
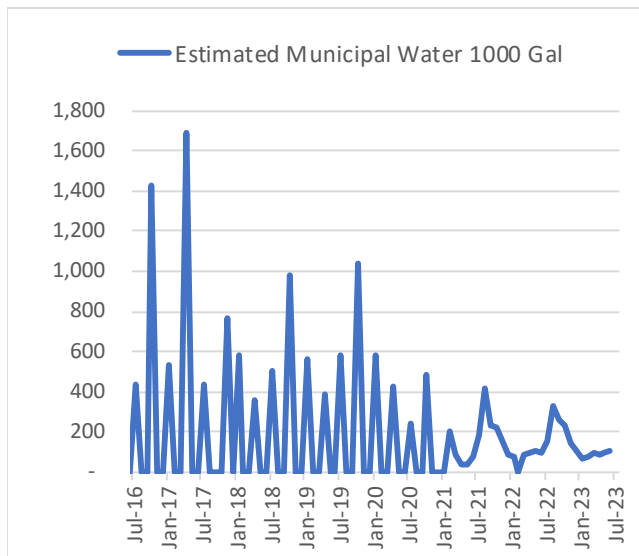


DOA-Waukesha SOB Own Well/Lake= No Vendor = City of Waukesha Water Utility

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
2017	-	4,085	-	4,085	#DIV/0!		#DIV/0!	#DIV/0!
2018	-	2,142	-	2,142	#DIV/0!		#DIV/0!	#DIV/0!
2019	-	2,432	-	2,432	#DIV/0!		#DIV/0!	#DIV/0!
2020	-	2,630	-	2,630	#DIV/0!		#DIV/0!	#DIV/0!
2021	-	1,170	-	1,170	#DIV/0!		#DIV/0!	#DIV/0!
2022	-	1,758	-	1,758	#DIV/0!		#DIV/0!	#DIV/0!
2023	-	1,762	-	1,762	#DIV/0!		#DIV/0!	#DIV/0!

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
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
2022	\$ 8,864	\$ 17,728	50.0%	\$ -	\$ 5.04		\$ 5.04	\$ 15.13
2023	\$ 9,697	\$ 19,393	50.0%	\$ -	\$ 5.50		\$ 5.50	\$ 16.51

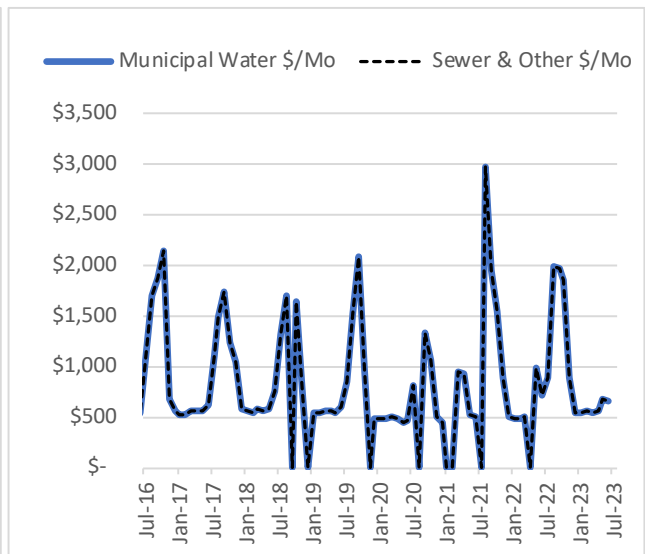
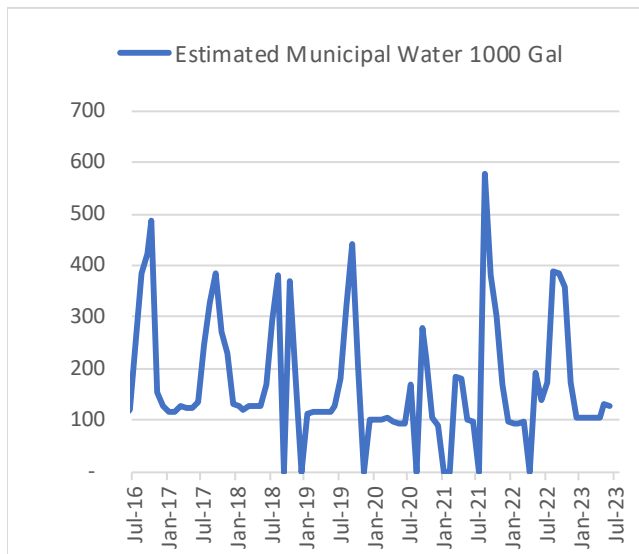
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	3.43		-	1.39	4.76			
2018	3.80		-	1.45	5.50			
2019	3.39		-	1.39	4.72			
2020	3.64		-	1.23	4.48			
2021	3.92		-	1.19	4.65			
2022	3.52		-	1.25	4.38			
2023	3.19		-	1.19	3.78			



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
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
2022	51,552	2,146	-	2,146	41.62		41.62	\$ 0.64
2023	51,552	2,265	-	2,265	43.94		43.94	\$ 0.68

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
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
2022	\$ 11,000	\$ 22,001	50.0%	\$ -	\$ 5.13		\$ 5.13	\$ 15.38
2023	\$ 11,669	\$ 23,338	50.0%	\$ -	\$ 5.15		\$ 5.15	\$ 15.45

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
2017	1.94		-	1.39	2.69			0.1343
2018	1.60		-	1.45	2.32			0.1078
2019	1.68		-	1.39	2.34			0.0876
2020	1.65		-	1.23	2.03			0.0726
2021	1.65		-	1.19	1.96			0.0543
2022	1.83		-	1.25	2.29			0.0952
2023	1.82		-	1.19	2.16			0.0949



Department of Corrections



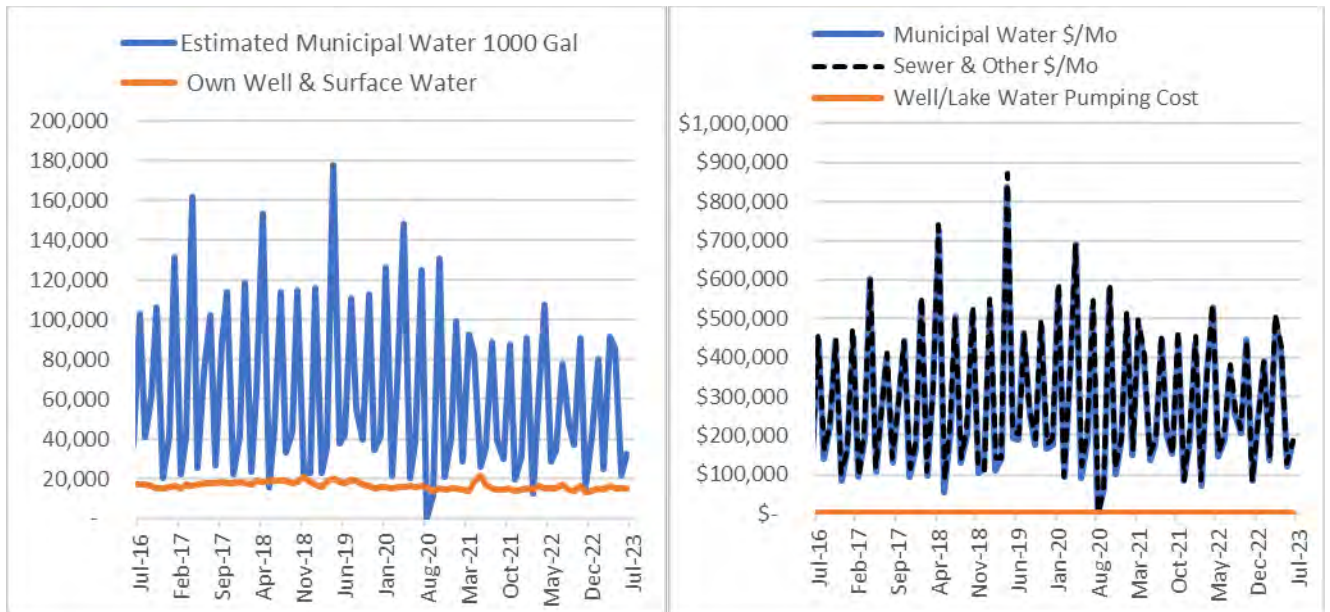
SCOPE

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.

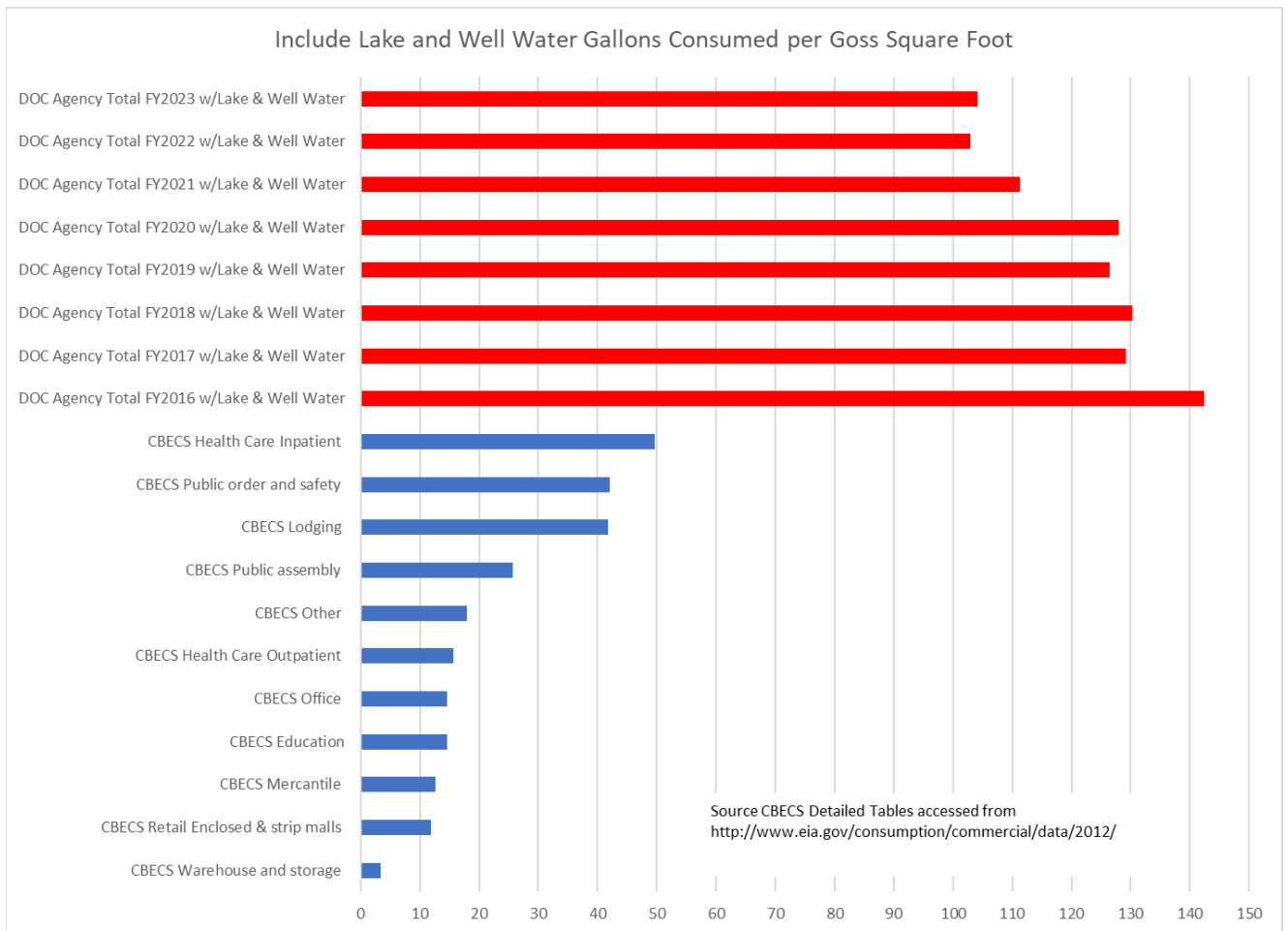
DOC Agency Total		Own Well/Lake= Yes			Include Lake and Well Water			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2017	7,939,611	829,743	196,271	1,026,013	104.51	24.72	129.23	\$ 1.23
2018	7,939,611	817,546	216,954	1,034,499	102.97	27.33	130.30	\$ 1.33
2019	7,939,611	784,468	219,970	1,004,438	98.80	27.71	126.51	\$ 1.38
2020	7,939,611	818,627	197,685	1,016,312	103.11	24.90	128.01	\$ 1.42
2021	7,939,611	692,960	190,557	883,517	87.28	24.00	111.28	\$ 1.27
2022	7,939,611	638,486	178,625	817,110	80.42	22.50	102.92	\$ 1.25
2023	7,939,611	646,910	179,834	826,744	81.48	22.65	104.13	\$ 1.28

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
2017	\$ 3,203,439	\$ 6,532,698	49.0%	\$ 31,965	\$ 3.86	\$ 0.16	\$ 4.02	\$ 9.52
2018	\$ 3,451,203	\$ 7,066,714	48.8%	\$ 34,943	\$ 4.22	\$ 0.16	\$ 4.38	\$ 10.20
2019	\$ 3,577,960	\$ 7,328,277	48.8%	\$ 34,401	\$ 4.56	\$ 0.16	\$ 4.72	\$ 10.89
2020	\$ 3,694,004	\$ 7,552,089	48.9%	\$ 31,031	\$ 4.51	\$ 0.16	\$ 4.67	\$ 11.10
2021	\$ 3,295,184	\$ 6,731,591	49.0%	\$ 29,140	\$ 4.76	\$ 0.15	\$ 4.91	\$ 11.38
2022	\$ 3,251,274	\$ 6,644,979	48.9%	\$ 29,054	\$ 5.09	\$ 0.16	\$ 5.25	\$ 12.15
2023	\$ 3,347,124	\$ 6,775,310	49.4%	\$ 31,514	\$ 5.17	\$ 0.18	\$ 5.35	\$ 12.28

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
2017	1.64	2.00	392,541	1.39	2.37	0.0494	168.74	0.3061
2018	1.68	2.00	433,908	1.45	2.53	0.0547	186.52	0.3300
2019	1.65	2.00	439,940	1.39	2.41	0.0554	189.12	0.3043
2020	1.72	2.00	395,370	1.23	2.19	0.0498	169.96	0.2799
2021	1.77	2.00	381,114	1.19	2.16	0.0480	163.83	0.2404
2022	1.75	2.00	357,249	1.25	2.25	0.0450	153.57	0.2314
2023	1.75	2.00	359,669	1.19	2.14	0.0453	154.61	0.2225



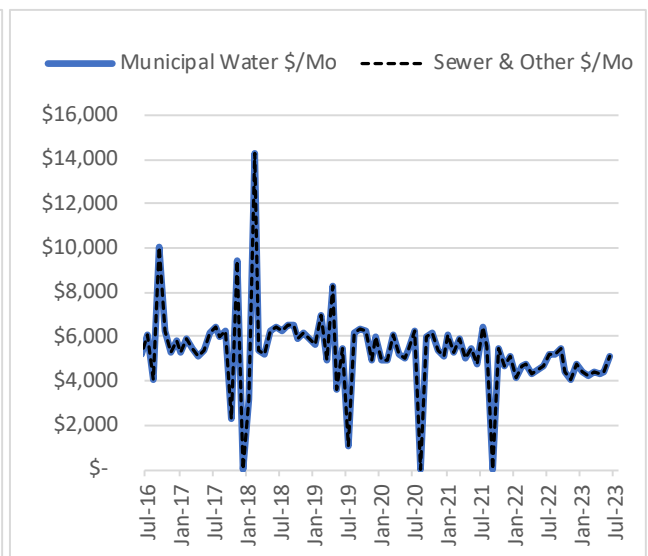
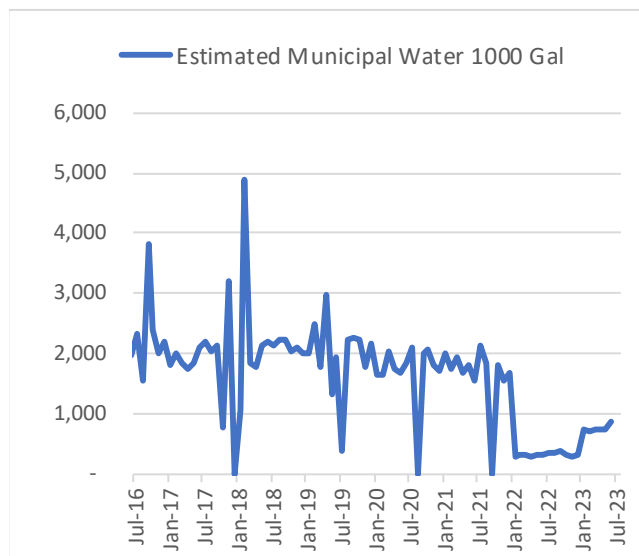
DOC ground water wells include Fox Lake 73 million gallons per year, Oakhill 42 million gallons per year, Lincoln Hills 11 million gallons per year Kettle Moraine 53 million gallons per year and Waupun 174 million gallons per year.



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
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
2022	195,000	10,919	-	10,919	56.00		56.00	\$ 0.84
2023	195,000	6,561	-	6,561	33.64		33.64	\$ 0.86

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
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
2022	\$ 54,329	\$ 108,658	50.0%	\$ -	\$ 4.98		\$ 4.98	\$ 14.93
2023	\$ 56,055	\$ 112,110	50.0%	\$ -	\$ 8.54		\$ 8.54	\$ 25.63

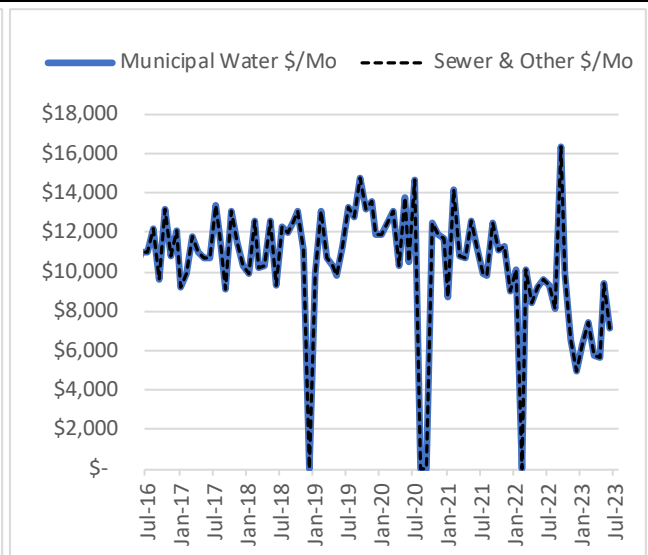
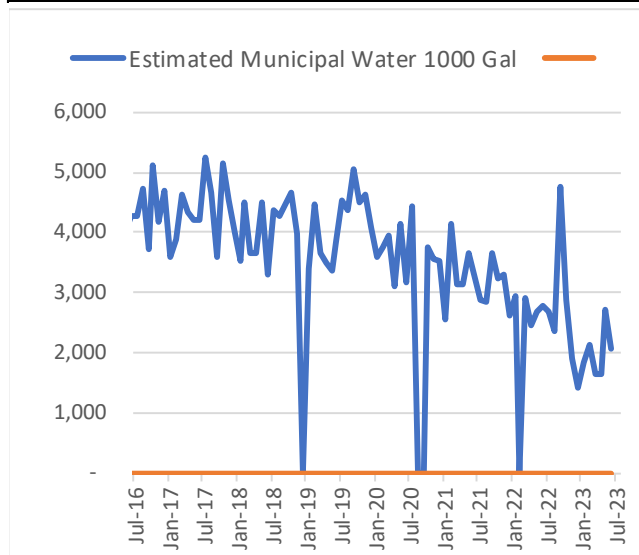
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.36		-	1.39	3.26			0.4293
2018	2.24		-	1.45	3.25			0.4038
2019	2.45		-	1.39	3.42			0.4431
2020	2.25		-	1.23	2.77			0.3082
2021	1.97		-	1.19	2.34			0.2453
2022	2.48		-	1.25	3.09			0.1729
2023	2.00		-	1.19	2.37			0.0797



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
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
2022	330,807	32,262	-	32,262	97.52		97.52	\$ 1.01
2023	330,807	28,098	-	28,098	84.94		84.94	\$ 0.88

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
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
2022	\$ 110,864	\$ 221,728	50.0%	\$ -	\$ 3.44		\$ 3.44	\$ 10.31
2023	\$ 96,921	\$ 193,843	50.0%	\$ -	\$ 3.45		\$ 3.45	\$ 10.35

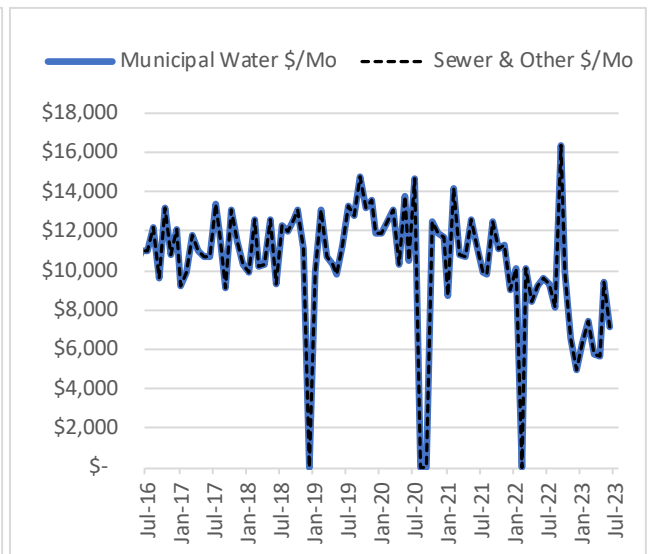
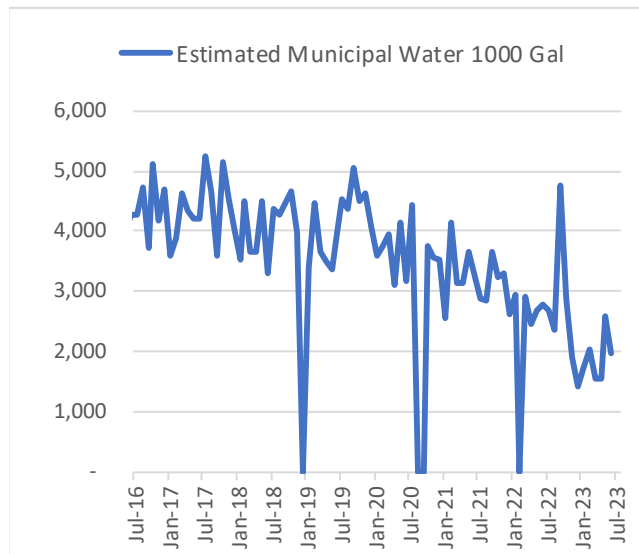
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.27		-	1.45	3.29			0.5128
2018	2.29		-	1.39	3.19			0.4859
2019	2.33		-	1.39	3.25			0.4317
2020	2.23		-	1.39	3.11			0.4591
2021	2.26		-	1.39	3.15			0.3350
2022	2.34		-	1.39	3.26			0.3175
2023	2.34		-	1.39	3.26			0.2765



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
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
2022	330,807	32,262	-	32,262	97.52		97.52	\$ 1.01
2023	330,807	27,430	-	27,430	82.92		82.92	\$ 0.88

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
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
2022	\$ 110,864	\$ 221,728	50.0%	\$ -	\$ 3.44		\$ 3.44	\$ 10.31
2023	\$ 96,921	\$ 193,843	50.0%	\$ -	\$ 3.53		\$ 3.53	\$ 10.60

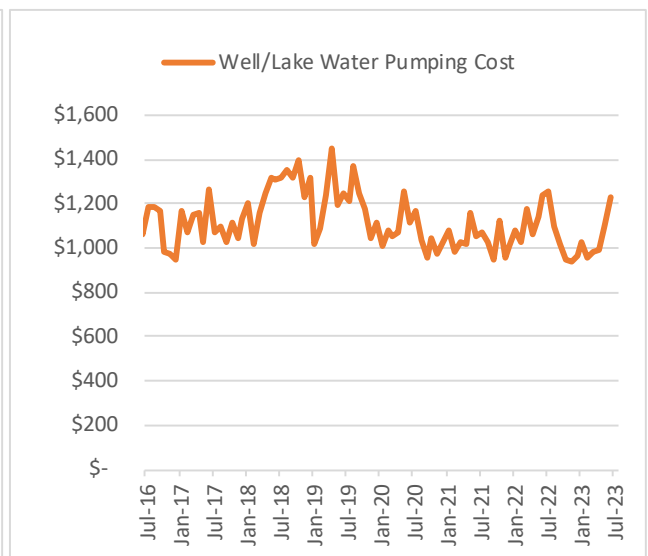
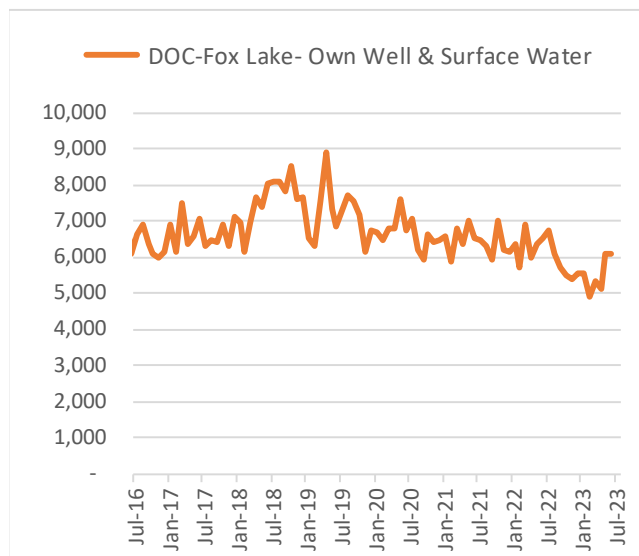
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.27		-	1.39	3.14			0.4902
2018	2.29		-	1.45	3.32			0.5051
2019	2.33		-	1.39	3.25			0.4317
2020	2.23		-	1.23	2.75			0.4061
2021	2.26		-	1.19	2.68			0.2855
2022	2.34		-	1.25	2.91			0.2838
2023	2.27		-	1.19	2.69			0.2228



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
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
2022	533,407	-	75,933	75,933		142.35	142.35	\$ 0.02
2023	533,407	-	68,168	68,168		127.80	127.80	\$ 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
2017	\$ -	\$ -		\$ 13,284		\$ 0.17	\$ 0.17	\$ 0.17
2018	\$ -	\$ -		\$ 13,744		\$ 0.17	\$ 0.17	\$ 0.17
2019	\$ -	\$ -		\$ 15,176		\$ 0.17	\$ 0.17	\$ 0.17
2020	\$ -	\$ -		\$ 13,768		\$ 0.16	\$ 0.16	\$ 0.16
2021	\$ -	\$ -		\$ 12,517		\$ 0.16	\$ 0.16	\$ 0.16
2022	\$ -	\$ -		\$ 12,870		\$ 0.17	\$ 0.17	\$ 0.17
2023	\$ -	\$ -		\$ 12,525		\$ 0.18	\$ 0.18	\$ 0.18

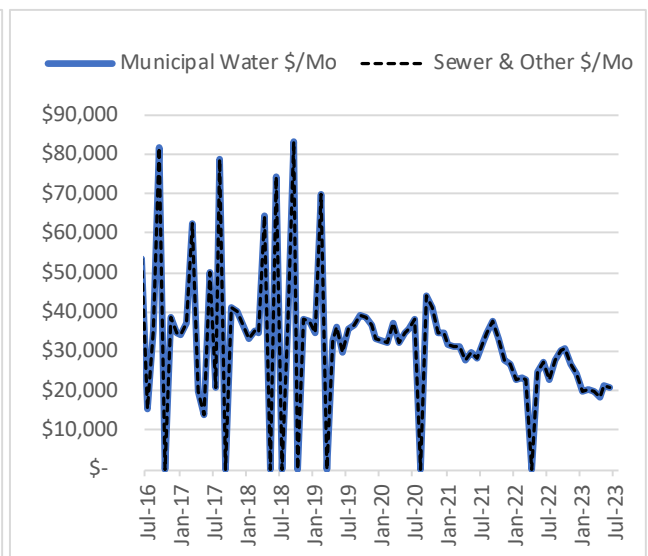
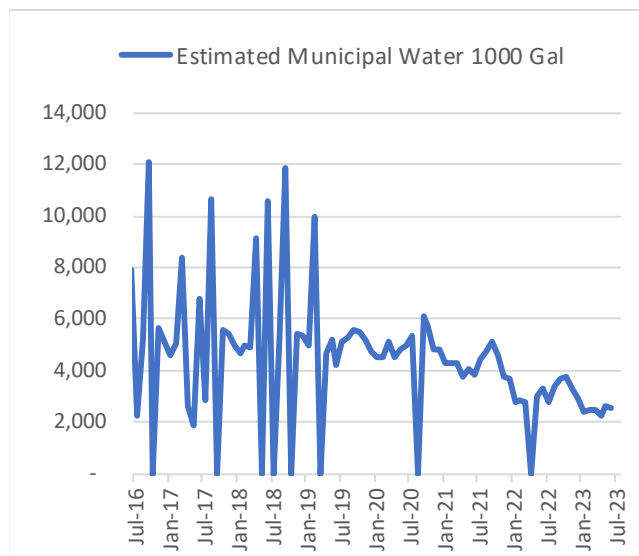
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017		2.00	157,260	1.39	2.77	0.2948	1,006.23	0.4083
2018		2.00	165,314	1.45	2.90	0.3099	1,057.76	0.4491
2019		2.00	182,654	1.39	2.79	0.3424	1,168.71	0.4773
2020		2.00	167,460	1.23	2.47	0.3139	1,071.49	0.3871
2021		2.00	155,726	1.19	2.38	0.2919	996.41	0.3468
2022		2.00	151,866	1.25	2.49	0.2847	971.71	0.3547
2023		2.00	136,336	1.19	2.37	0.2556	872.34	0.3029



DOC-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
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
2022	453,750	41,168	-	41,168	90.73		90.73	\$ 2.07
2023	453,750	34,660	-	34,660	76.39		76.39	\$ 1.86

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
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
2022	\$ 313,152	\$ 626,304	50.0%	\$ -	\$ 7.61		\$ 7.61	\$ 22.82
2023	\$ 281,958	\$ 563,915	50.0%	\$ -	\$ 8.13		\$ 8.13	\$ 24.40

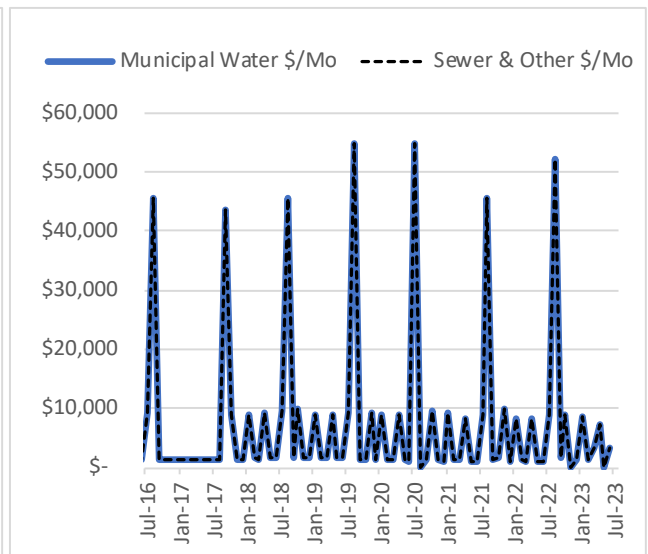
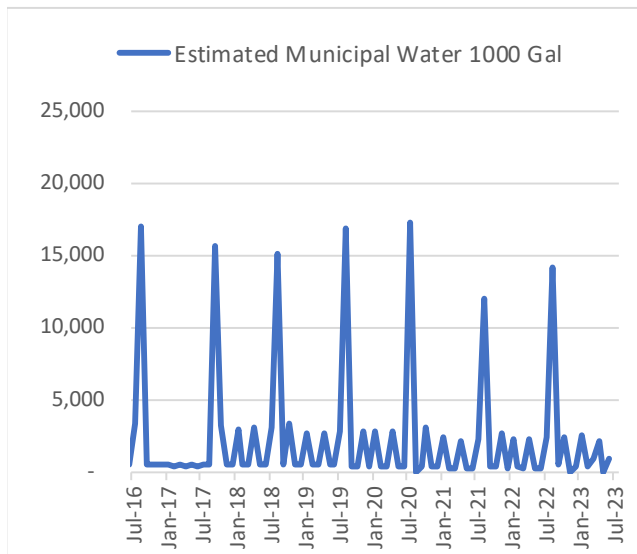
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.3653
2018	2.00		-	1.45	2.90			0.4074
2019	2.00		-	1.39	2.79			0.3502
2020	2.00		-	1.23	2.47			0.3258
2021	2.00		-	1.19	2.38			0.2700
2022	2.00		-	1.25	2.49			0.2261
2023	2.00		-	1.19	2.37			0.1810



DOC-Jackson Own Well/Lake= No 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
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
2022	390,613	23,802	-	23,802	60.94		60.94	\$ 0.69
2023	390,613	26,798	-	26,798	68.60		68.60	\$ 0.74

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
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
2022	\$ 89,539	\$ 179,077	50.0%	\$ -	\$ 3.76		\$ 3.76	\$ 11.29
2023	\$ 96,657	\$ 193,315	50.0%	\$ -	\$ 3.61		\$ 3.61	\$ 10.82

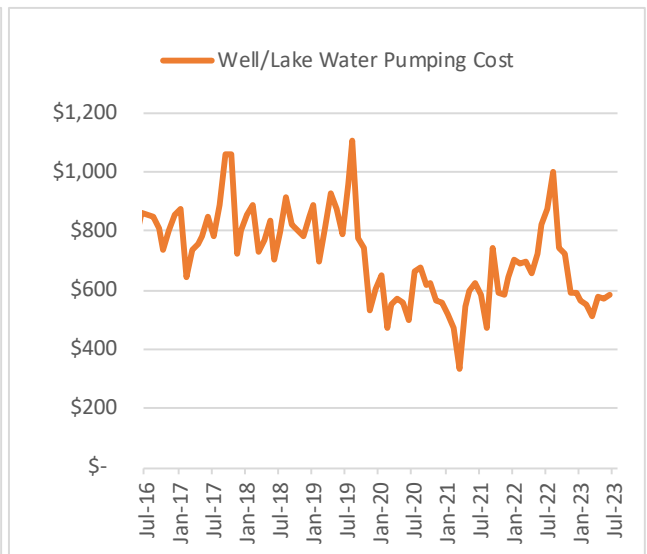
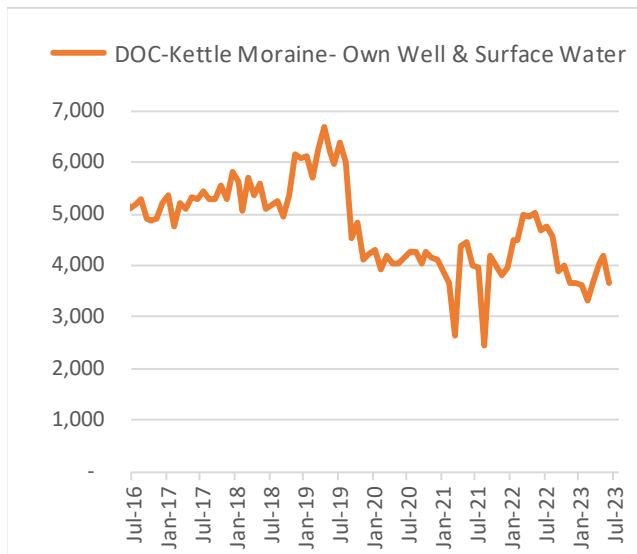
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.48		-	1.39	2.05			0.1319
2018	1.56		-	1.45	2.26			0.1681
2019	1.56		-	1.39	2.18			0.1707
2020	1.53		-	1.23	1.89			0.1495
2021	1.64		-	1.19	1.95			0.1361
2022	2.09		-	1.25	2.61			0.1590
2023	2.09		-	1.19	2.48			0.1698



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
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
2022	361,612	-	50,980	50,980		140.98	140.98	\$ 0.02
2023	361,612	-	47,076	47,076		130.18	130.18	\$ 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
2017	\$ -	\$ -		\$ 9,558		\$ 0.16	\$ 0.16	\$ 0.16
2018	\$ -	\$ -		\$ 10,105		\$ 0.16	\$ 0.16	\$ 0.16
2019	\$ -	\$ -		\$ 9,962		\$ 0.14	\$ 0.14	\$ 0.14
2020	\$ -	\$ -		\$ 8,036		\$ 0.15	\$ 0.15	\$ 0.15
2021	\$ -	\$ -		\$ 6,803		\$ 0.14	\$ 0.14	\$ 0.14
2022	\$ -	\$ -		\$ 7,923		\$ 0.16	\$ 0.16	\$ 0.16
2023	\$ -	\$ -		\$ 7,898		\$ 0.17	\$ 0.17	\$ 0.17

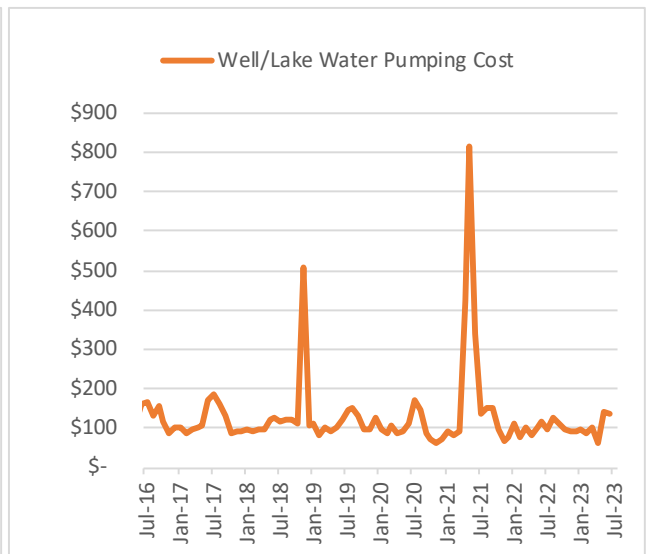
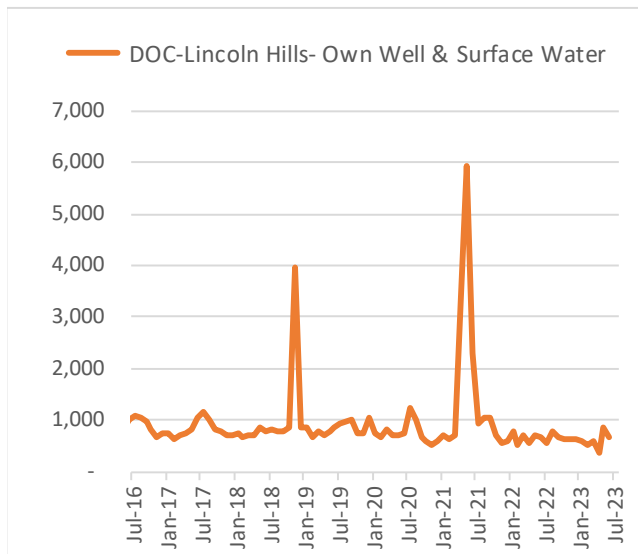
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017		2.00	122,832	1.39	2.77	0.3397	1,159.32	0.4705
2018		2.00	130,326	1.45	2.90	0.3604	1,230.05	0.5222
2019		2.00	139,801	1.39	2.79	0.3866	1,319.48	0.5389
2020		2.00	109,413	1.23	2.47	0.3026	1,032.67	0.3731
2021		2.00	96,287	1.19	2.38	0.2663	908.78	0.3163
2022		2.00	101,960	1.25	2.49	0.2820	962.33	0.3513
2023		2.00	94,151	1.19	2.37	0.2604	888.63	0.3085



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
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
2022	249,792	-	8,942	8,942		35.80	35.80	\$ 0.01
2023	249,792	-	7,594	7,594		30.40	30.40	\$ 0.00

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
2017	\$ -	\$ -		\$ 1,430		\$ 0.14	\$ 0.14	\$ 0.14
2018	\$ -	\$ -		\$ 1,373		\$ 0.14	\$ 0.14	\$ 0.14
2019	\$ -	\$ -		\$ 1,698		\$ 0.13	\$ 0.13	\$ 0.13
2020	\$ -	\$ -		\$ 1,325		\$ 0.13	\$ 0.13	\$ 0.13
2021	\$ -	\$ -		\$ 2,461		\$ 0.13	\$ 0.13	\$ 0.13
2022	\$ -	\$ -		\$ 1,275		\$ 0.14	\$ 0.14	\$ 0.14
2023	\$ -	\$ -		\$ 1,240		\$ 0.16	\$ 0.16	\$ 0.16

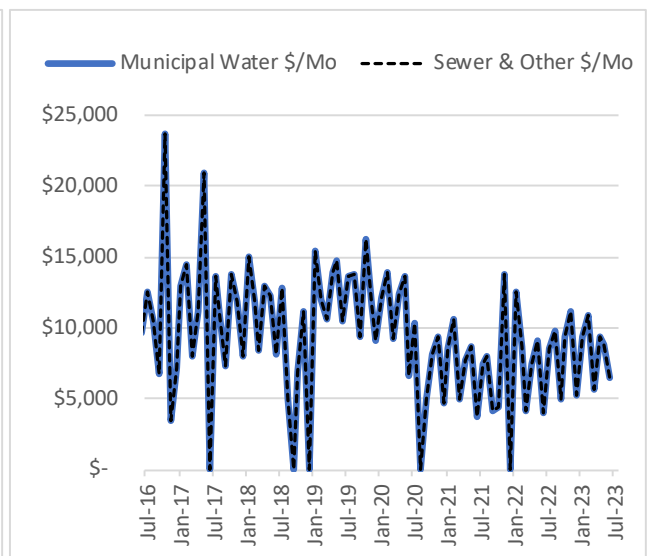
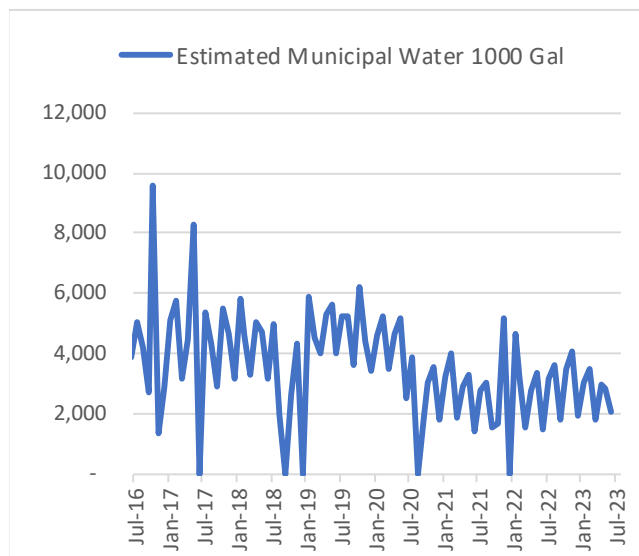
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017		2.00	20,372	1.39	2.77	0.0816	278.34	0.1130
2018		2.00	19,476	1.45	2.90	0.0780	266.11	0.1130
2019		2.00	25,461	1.39	2.79	0.1019	347.89	0.1421
2020		2.00	19,969	1.23	2.47	0.0799	272.85	0.0986
2021		2.00	36,715	1.19	2.38	0.1470	501.65	0.1746
2022		2.00	17,884	1.25	2.49	0.0716	244.35	0.0892
2023		2.00	15,189	1.19	2.37	0.0608	207.53	0.0721



DOC-Milwaukee Secure 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
2017	413,011	52,626	-	52,626	127.42		127.42	\$ 0.96
2018	413,011	52,565	-	52,565	127.27		127.27	\$ 0.97
2019	413,011	43,209	-	43,209	104.62		104.62	\$ 0.82
2020	413,011	53,795	-	53,795	130.25		130.25	\$ 1.03
2021	413,011	30,929	-	30,929	74.89		74.89	\$ 0.59
2022	413,011	31,179	-	31,179	75.49		75.49	\$ 0.61
2023	413,011	34,291	-	34,291	83.03		83.03	\$ 0.72

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
2017	\$ 131,493	\$ 262,986	50.0%	\$ -	\$ 2.50		\$ 2.50	\$ 7.50
2018	\$ 134,138	\$ 268,276	50.0%	\$ -	\$ 2.55		\$ 2.55	\$ 7.66
2019	\$ 112,507	\$ 225,014	50.0%	\$ -	\$ 2.60		\$ 2.60	\$ 7.81
2020	\$ 141,435	\$ 282,870	50.0%	\$ -	\$ 2.63		\$ 2.63	\$ 7.89
2021	\$ 81,650	\$ 163,299	50.0%	\$ -	\$ 2.64		\$ 2.64	\$ 7.92
2022	\$ 83,384	\$ 166,768	50.0%	\$ -	\$ 2.67		\$ 2.67	\$ 8.02
2023	\$ 99,426	\$ 198,853	50.0%	\$ -	\$ 2.90		\$ 2.90	\$ 8.70

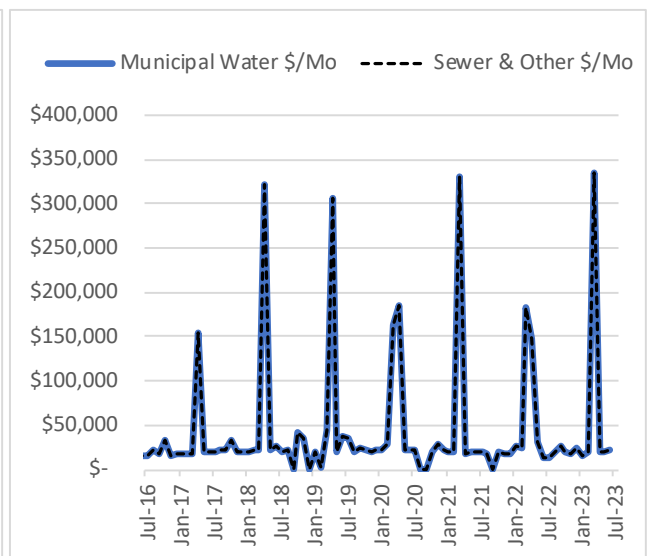
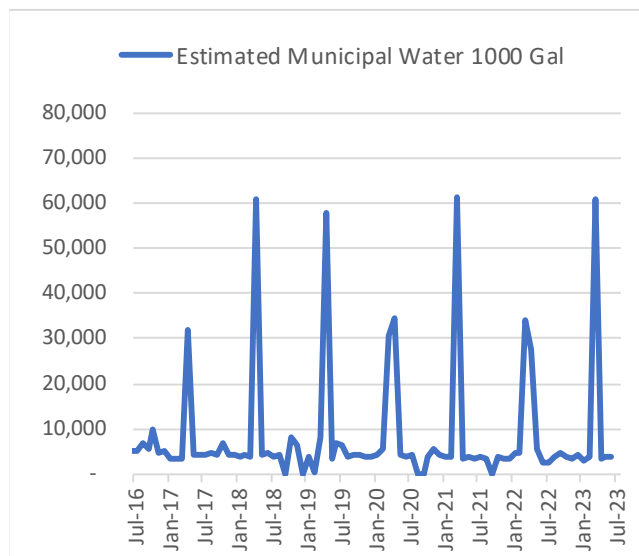
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.83		-	1.39	2.53			0.3228
2018	1.77		-	1.45	2.56			0.3261
2019	1.73		-	1.39	2.41			0.2520
2020	1.86		-	1.23	2.29			0.2980
2021	1.89		-	1.19	2.24			0.1679
2022	1.88		-	1.25	2.34			0.1766
2023	1.87		-	1.19	2.21			0.1839



DOC-New Lisbon Own Well/Lake= No 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
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
2022	316,878	96,968	-	96,968	306.01		306.01	\$ 4.93
2023	316,878	101,224	-	101,224	319.44		319.44	\$ 5.23

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
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
2022	\$ 520,571	\$ 1,041,142	50.0%	\$ -	\$ 5.37		\$ 5.37	\$ 16.11
2023	\$ 552,522	\$ 1,105,044	50.0%	\$ -	\$ 5.46		\$ 5.46	\$ 16.38

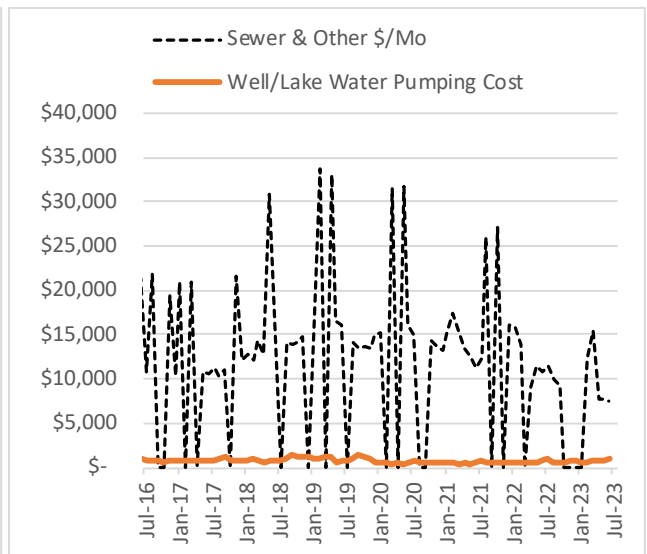
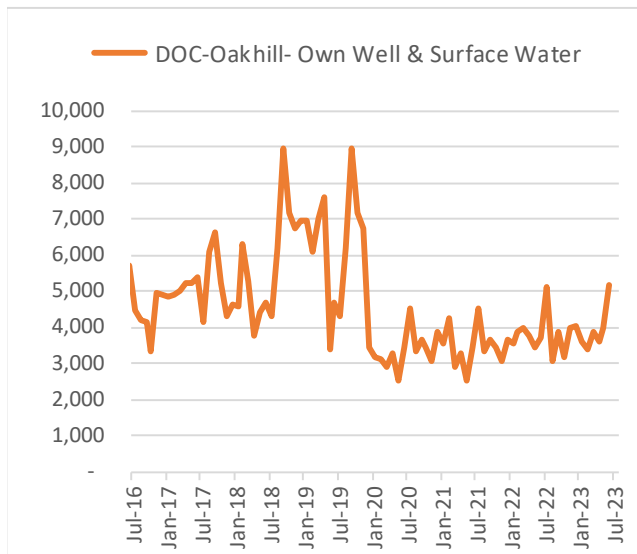
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.65		-	1.39	2.29			0.6339
2018	1.72		-	1.45	2.50			0.8687
2019	1.65		-	1.39	2.30			0.7496
2020	1.73		-	1.23	2.13			0.7396
2021	1.56		-	1.19	1.85			0.5675
2022	1.57		-	1.25	1.96			0.5987
2023	1.58		-	1.19	1.87			0.5978



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
2017	348,153	-	56,694	56,694		162.84	162.84	\$ 0.39
2018	348,153	-	60,120	60,120		172.68	172.68	\$ 0.50
2019	348,153	-	76,155	76,155		218.74	218.74	\$ 0.53
2020	348,153	-	55,320	55,320		158.89	158.89	\$ 0.50
2021	348,153	-	41,915	41,915		120.39	120.39	\$ 0.42
2022	348,153	-	44,048	44,048		126.52	126.52	\$ 0.43
2023	348,153	-	46,974	46,974		134.92	134.92	\$ 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
2017	\$ -	\$ 125,821	0.0%	\$ 9,442		\$ 0.17	\$ 0.17	\$ 2.39
2018	\$ -	\$ 164,308	0.0%	\$ 9,844		\$ 0.16	\$ 0.16	\$ 2.90
2019	\$ -	\$ 172,358	0.0%	\$ 12,536		\$ 0.16	\$ 0.16	\$ 2.43
2020	\$ -	\$ 164,081	0.0%	\$ 8,949		\$ 0.16	\$ 0.16	\$ 3.13
2021	\$ -	\$ 141,223	0.0%	\$ 6,675		\$ 0.16	\$ 0.16	\$ 3.53
2022	\$ -	\$ 142,431	0.0%	\$ 7,213		\$ 0.16	\$ 0.16	\$ 3.40
2023	\$ -	\$ 81,061	0.0%	\$ 8,274		\$ 0.18	\$ 0.18	\$ 1.90

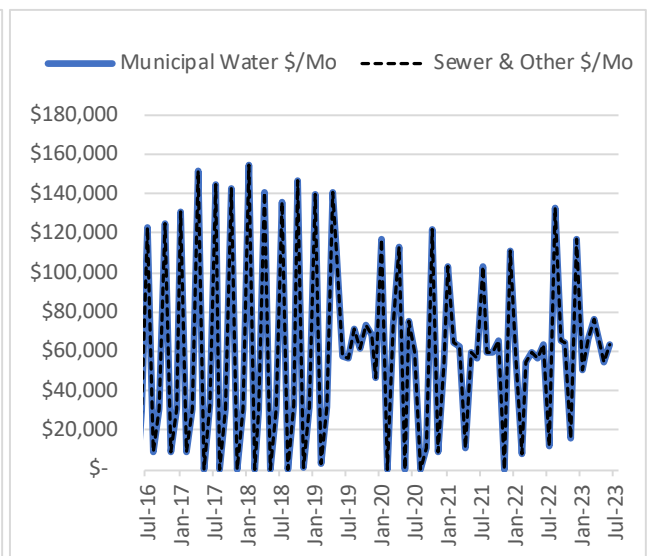
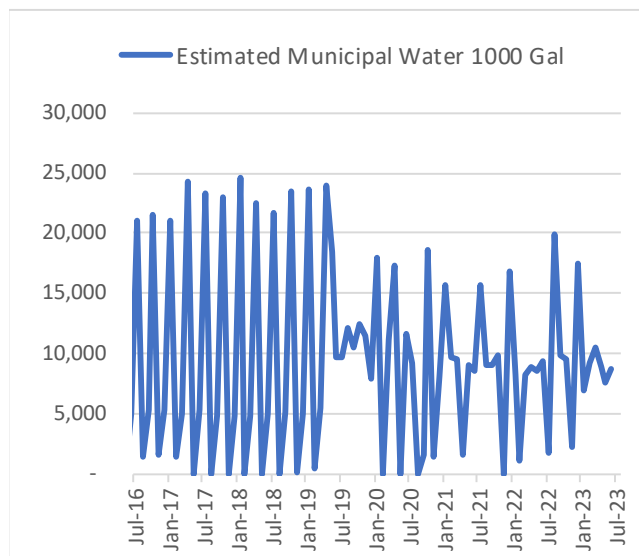
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017		2.00	113,388	1.39	2.77	0.3257	1,111.56	0.4511
2018		2.00	120,241	1.45	2.90	0.3454	1,178.74	0.5004
2019		2.00	152,309	1.39	2.79	0.4375	1,493.11	0.6098
2020		2.00	110,639	1.23	2.47	0.3178	1,084.61	0.3918
2021		2.00	83,830	1.19	2.38	0.2408	821.80	0.2861
2022		2.00	88,096	1.25	2.49	0.2530	863.62	0.3153
2023		2.00	93,948	1.19	2.37	0.2698	920.99	0.3198



DOC-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
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
2022	890,187	104,825	-	104,825	117.76		117.76	\$ 2.34
2023	890,187	112,644	-	112,644	126.54		126.54	\$ 2.63

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
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
2022	\$ 694,579	\$1,389,157	50.0%	\$ -	\$ 6.63		\$ 6.63	\$ 19.88
2023	\$ 781,759	\$1,563,519	50.0%	\$ -	\$ 6.94		\$ 6.94	\$ 20.82

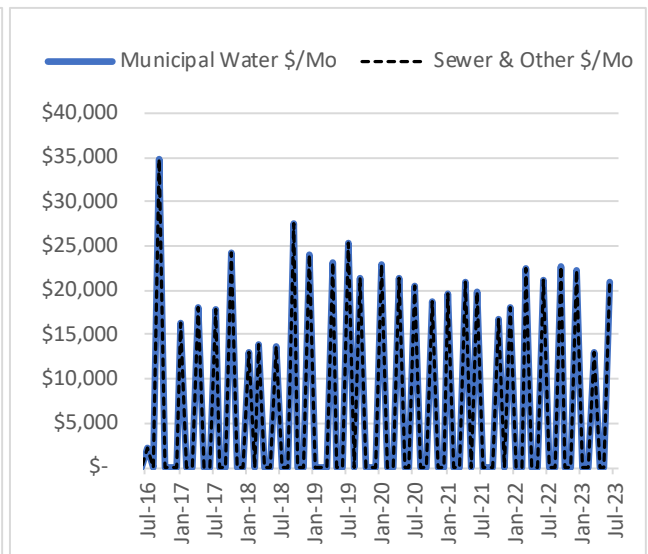
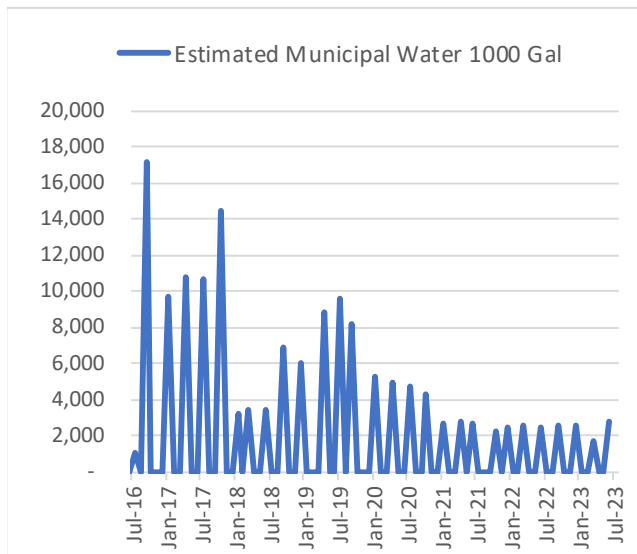
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.81		-	1.39	2.51			0.3204
2018	1.83		-	1.45	2.66			0.3371
2019	1.74		-	1.39	2.42			0.3738
2020	1.80		-	1.23	2.22			0.3050
2021	1.74		-	1.19	2.07			0.2161
2022	1.71		-	1.25	2.13			0.2511
2023	1.75		-	1.19	2.07			0.2623



DOC-Prairie du Chien Own Well/Lake= No 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
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
2022	383,100	9,731	-	9,731	25.40		25.40	\$ 0.61
2023	383,100	9,789	-	9,789	25.55		25.55	\$ 0.62

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
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
2022	\$ 78,372	\$ 156,745	50.0%	\$ -	\$ 8.05		\$ 8.05	\$ 24.16
2023	\$ 78,898	\$ 157,795	50.0%	\$ -	\$ 8.06		\$ 8.06	\$ 24.18

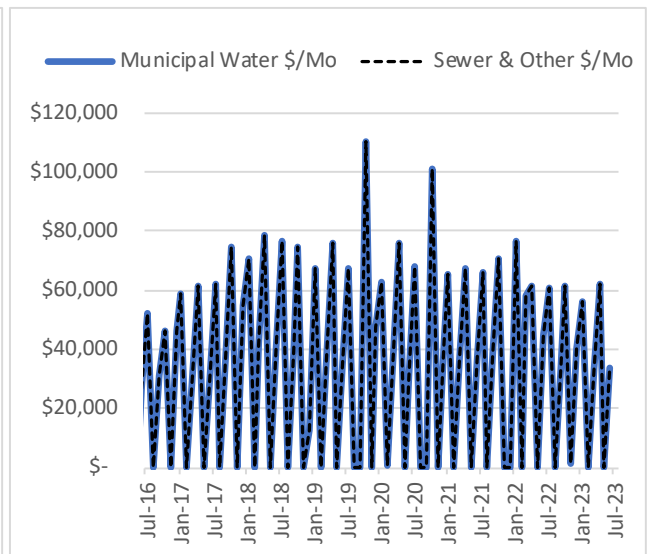
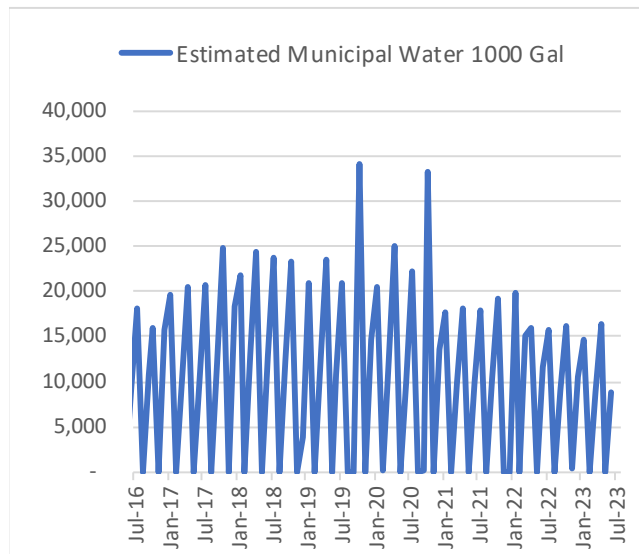
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.2802
2018	2.00		-	1.45	2.90			0.2665
2019	2.00		-	1.39	2.79			0.1577
2020	2.00		-	1.23	2.47			0.1801
2021	2.00		-	1.19	2.38			0.1066
2022	2.00		-	1.25	2.49			0.0633
2023	2.00		-	1.19	2.37			0.0606



DOC-Racine-Sturtevant Own Well/Lake= No 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
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
2022	710,055	110,385	-	110,385	155.46		155.46	\$ 1.76
2023	710,055	100,411	-	100,411	141.41		141.41	\$ 1.62

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
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
2022	\$ 416,326	\$ 832,651	50.0%	\$ -	\$ 3.77		\$ 3.77	\$ 11.31
2023	\$ 384,130	\$ 768,260	50.0%	\$ -	\$ 3.83		\$ 3.83	\$ 11.48

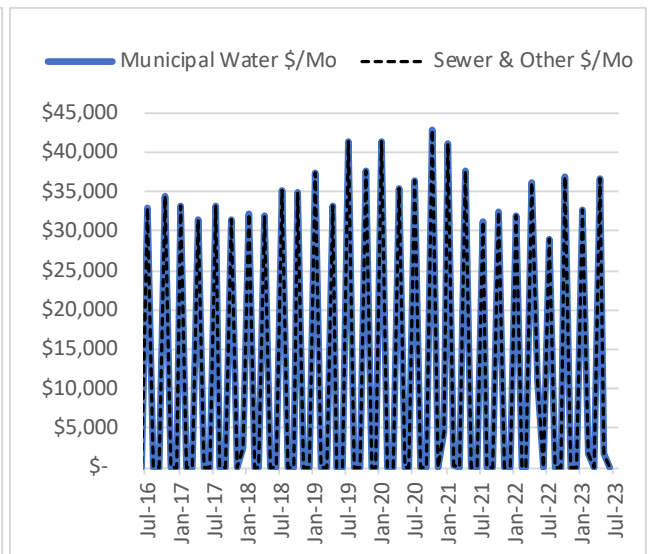
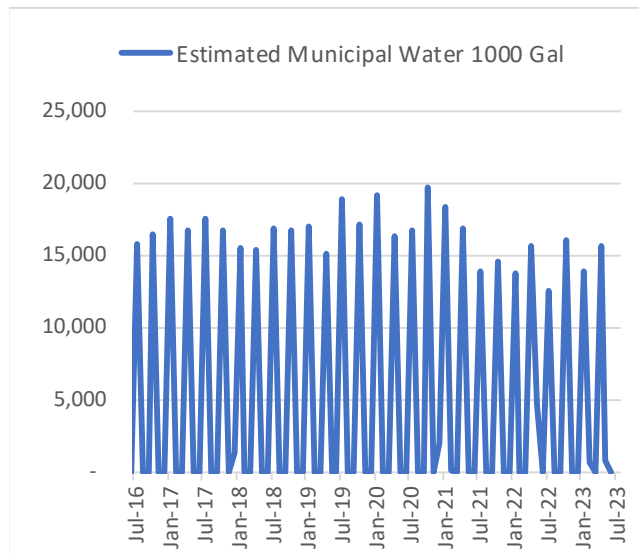
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.59		-	1.39	2.20			0.3738
2018	1.57		-	1.45	2.27			0.4730
2019	1.64		-	1.39	2.29			0.4209
2020	1.64		-	1.23	2.03			0.3932
2021	1.68		-	1.19	2.00			0.3514
2022	1.67		-	1.25	2.08			0.3230
2023	1.64		-	1.19	1.94			0.2748



DOC-Redgranite Own Well/Lake= No 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
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
2022	310,135	62,586	-	62,586	201.80		201.80	\$ 1.38
2023	310,135	59,508	-	59,508	191.88		191.88	\$ 1.34

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
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
2022	\$ 142,581	\$ 285,162	50.0%	\$ -	\$ 2.28		\$ 2.28	\$ 6.83
2023	\$ 138,671	\$ 277,342	50.0%	\$ -	\$ 2.33		\$ 2.33	\$ 6.99

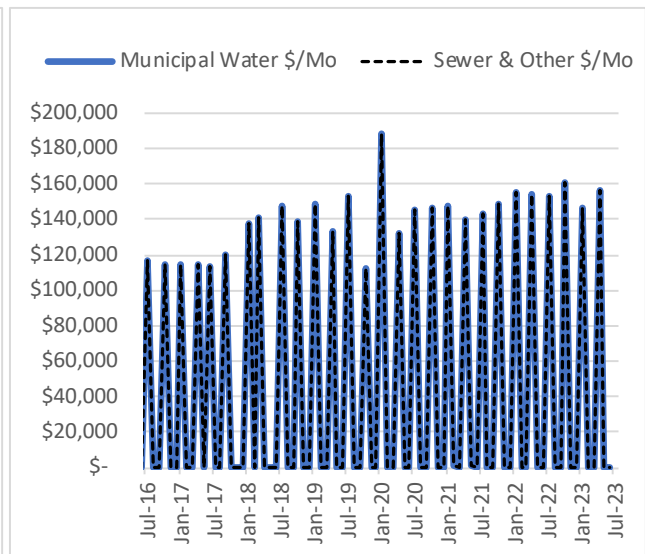
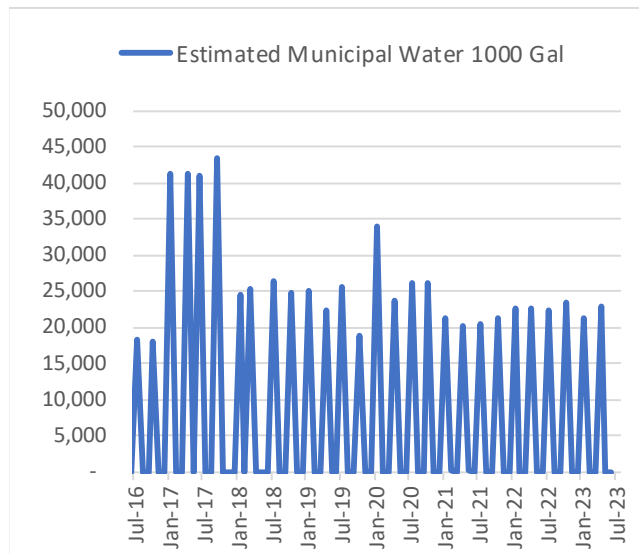
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.63		-	1.39	2.25			0.4828
2018	1.23		-	1.45	1.79			0.3836
2019	1.12		-	1.39	1.55			0.3297
2020	1.51		-	1.23	1.87			0.4298
2021	1.57		-	1.19	1.87			0.4455
2022	1.62		-	1.25	2.02			0.4067
2023	1.59		-	1.19	1.89			0.3619



DOC-Stanley Own Well/Lake= No 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
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
2022	411,897	87,216	-	87,216	211.74		211.74	\$ 4.38
2023	411,897	90,211	-	90,211	219.01		219.01	\$ 4.50

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
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
2022	\$ 600,924	\$1,201,847	50.0%	\$ -	\$ 6.89		\$ 6.89	\$ 20.67
2023	\$ 617,588	\$1,235,176	50.0%	\$ -	\$ 6.85		\$ 6.85	\$ 20.54

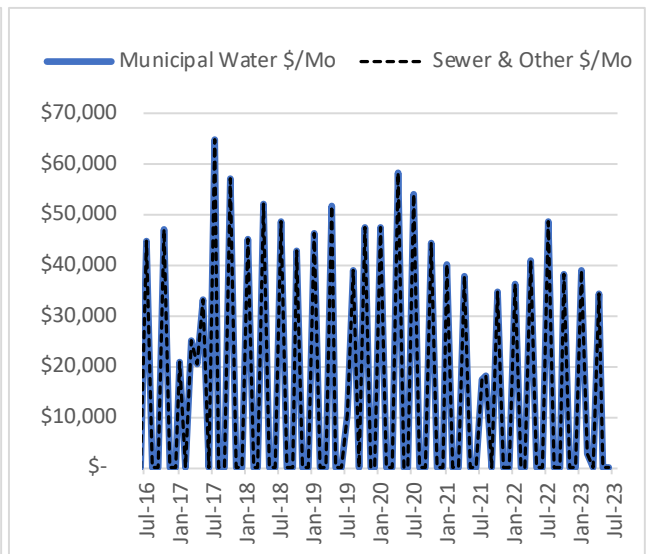
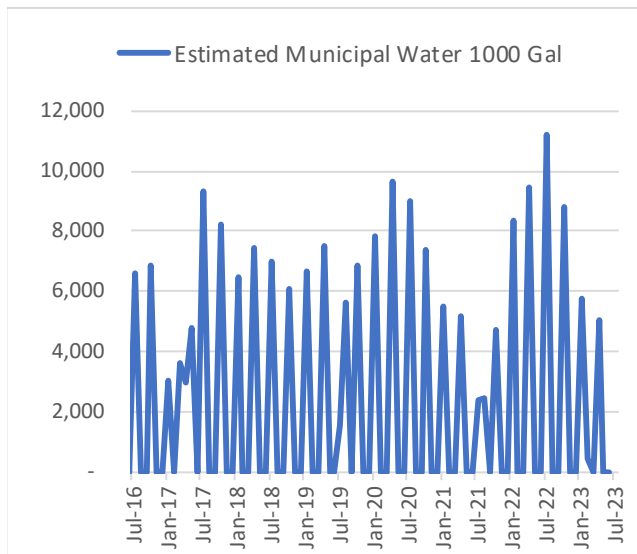
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.30		-	1.39	1.80			0.6998
2018	1.44		-	1.45	2.08			0.4734
2019	1.35		-	1.39	1.88			0.4506
2020	1.31		-	1.23	1.62			0.4005
2021	1.30		-	1.19	1.55			0.3532
2022	1.46		-	1.25	1.82			0.3849
2023	1.33		-	1.19	1.57			0.3449



DOC-Taycheedah 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
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
2022	380,940	27,387	-	27,387	71.89		71.89	\$ 1.15
2023	380,940	31,318	-	31,318	82.21		82.21	\$ 1.28

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
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
2022	\$ 146,654	\$ 293,308	50.0%	\$ -	\$ 5.35		\$ 5.35	\$ 16.06
2023	\$ 162,538	\$ 325,077	50.0%	\$ -	\$ 5.19		\$ 5.19	\$ 15.57

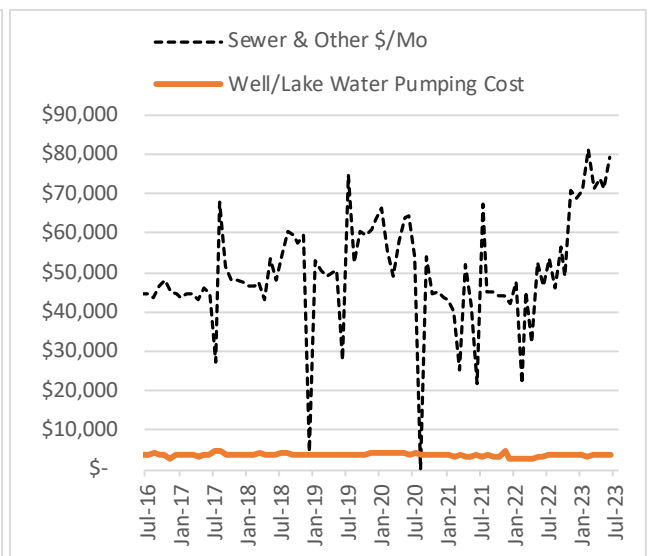
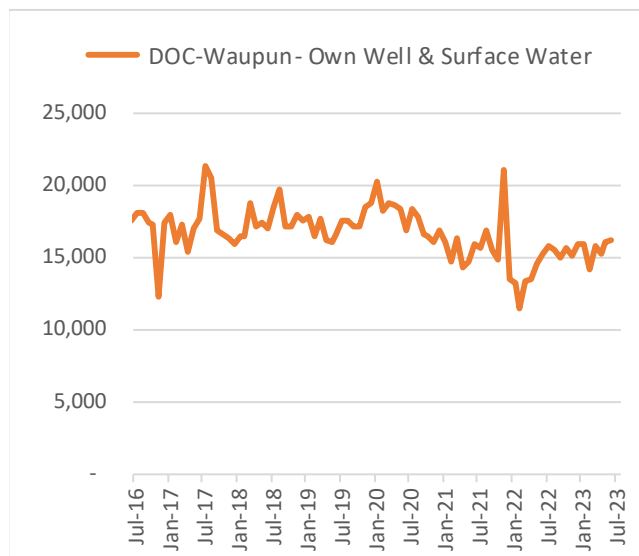
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	3.75		-	1.39	5.20			0.3791
2018	4.41		-	1.45	6.38			0.5273
2019	3.67		-	1.39	5.11			0.3658
2020	3.81		-	1.23	4.69			0.3891
2021	3.80		-	1.19	4.52			0.3208
2022	3.88		-	1.25	4.83			0.3475
2023	3.85		-	1.19	4.56			0.3748



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
2017	1,260,274	61,226	201,714	262,940	48.58	160.06	208.64	\$ 1.32
2018	1,260,274	65,573	210,793	276,366	52.03	167.26	219.29	\$ 1.41
2019	1,260,274	64,277	208,881	273,159	51.00	165.74	216.75	\$ 1.41
2020	1,260,274	75,902	217,594	293,495	60.23	172.66	232.88	\$ 1.77
2021	1,260,274	46,548	193,768	240,316	36.93	153.75	190.69	\$ 1.14
2022	1,260,274	56,564	178,599	235,163	44.88	141.71	186.60	\$ 1.30
2023	1,260,274	90,123	186,006	276,129	71.51	147.59	219.10	\$ 1.92

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
2017	\$ 540,413	\$1,080,827	50.0%	\$ 44,377	\$ 8.83	\$ 0.22	\$ 9.05	\$ 6.33
2018	\$ 576,149	\$1,152,297	50.0%	\$ 46,374	\$ 8.79	\$ 0.22	\$ 9.01	\$ 6.42
2019	\$ 576,911	\$1,153,823	50.0%	\$ 45,954	\$ 8.98	\$ 0.22	\$ 9.20	\$ 6.50
2020	\$ 729,617	\$1,459,235	50.0%	\$ 47,871	\$ 9.61	\$ 0.22	\$ 9.83	\$ 7.62
2021	\$ 465,526	\$ 931,053	50.0%	\$ 42,629	\$ 10.00	\$ 0.22	\$ 10.22	\$ 5.99
2022	\$ 533,201	\$1,066,402	50.0%	\$ 39,292	\$ 9.43	\$ 0.22	\$ 9.65	\$ 6.97
2023	\$ 792,250	\$1,584,501	50.0%	\$ 44,641	\$ 8.79	\$ 0.24	\$ 9.03	\$ 8.77

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
2017	5.46	2.00	403,428	1.39	3.88	0.3201	1,092.54	0.8105
2018	5.44	2.00	421,586	1.45	4.08	0.3345	1,141.71	0.8948
2019	5.35	2.00	417,763	1.39	3.89	0.3315	1,131.36	0.8426
2020	5.58	2.00	435,187	1.23	3.61	0.3453	1,178.55	0.8401
2021	5.61	2.00	387,535	1.19	3.21	0.3075	1,049.50	0.6116
2022	5.65	2.00	357,198	1.25	3.59	0.2834	967.34	0.6690
2023	5.55	2.00	372,012	1.19	3.74	0.2952	1,007.46	0.8200



Department of Health Services



**WISCONSIN DEPARTMENT
of HEALTH SERVICES**

SCOPE

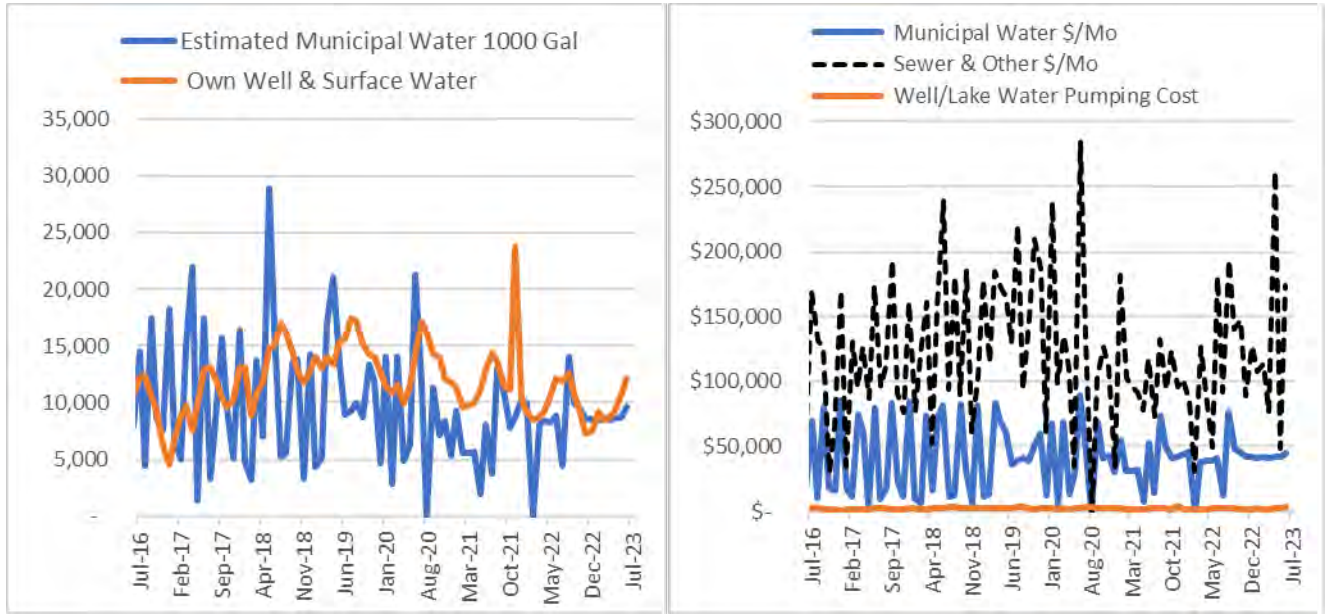
Includes five facilities:

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.

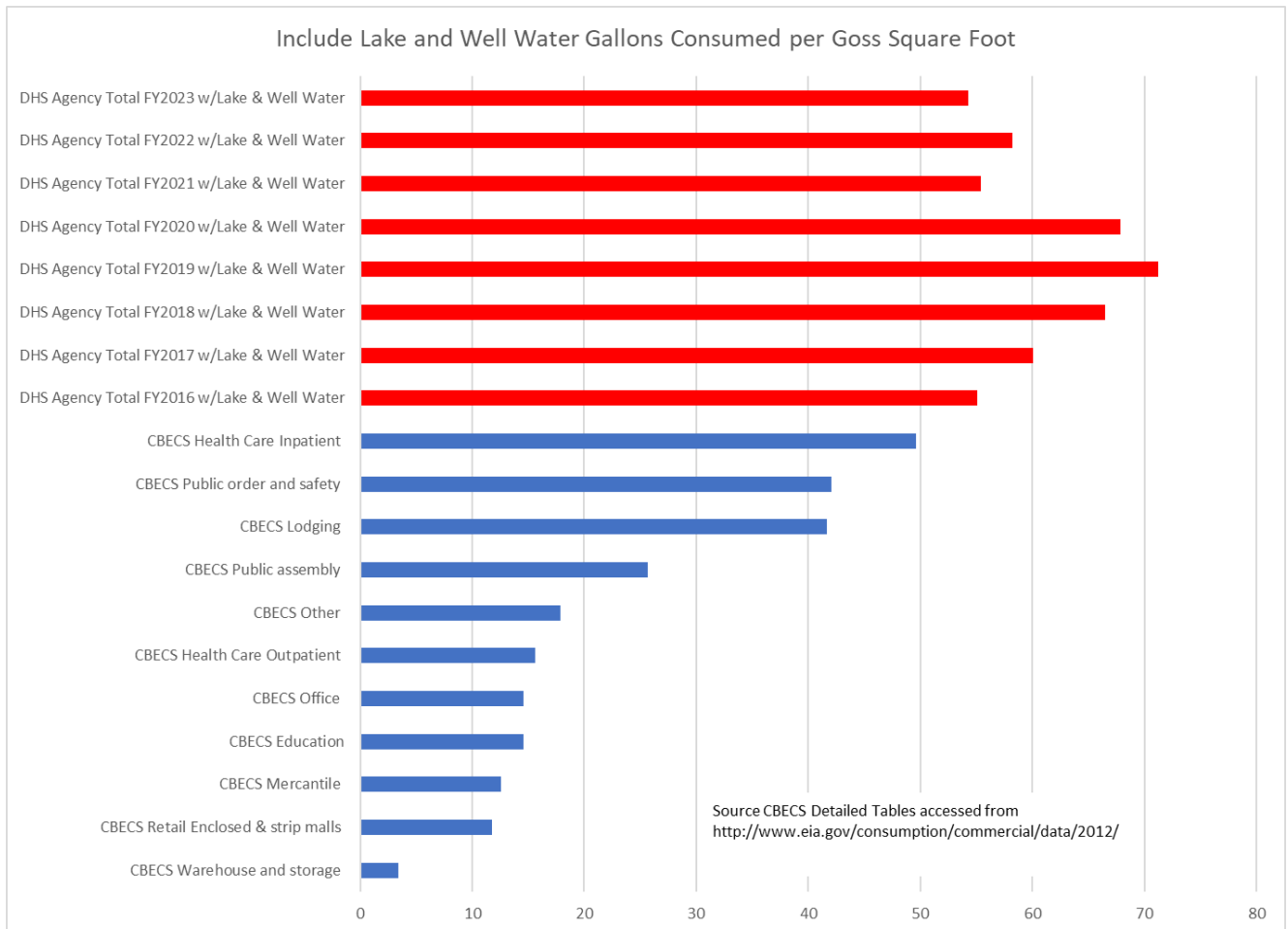
DHS Agency Total		Own Well/Lake= Yes			Include Lake and Well Water			
Fiscal Year	Gross Square Feet	Municipal Water 1000 Gals	Well/Lake Water 1000 Gals	Total Water Use 1000 Gals	Municipal Water Use Gal/GSF	Well/Lake Water Gals/GSF	Water Use Gals/GSF	Sewer & Water Cost \$/GSF
2017	4,159,400	138,612	111,258	249,870	33.33	26.75	60.07	\$ 0.58
2018	4,159,400	133,212	143,381	276,593	32.03	34.47	66.50	\$ 0.61
2019	4,159,400	125,479	170,925	296,405	30.17	41.09	71.26	\$ 0.65
2020	4,159,400	121,694	160,618	282,311	29.26	38.62	67.87	\$ 0.69
2021	4,159,400	80,210	150,395	230,605	19.28	36.16	55.44	\$ 0.50
2022	4,159,400	98,433	143,714	242,147	23.67	34.55	58.22	\$ 0.52
2023	4,159,400	107,875	118,002	225,877	25.94	28.37	54.31	\$ 0.63

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
2017	\$ 526,914	\$ 1,868,534	28.2%	\$ 19,569	\$ 3.80	\$ 0.18	\$ 3.98	\$ 9.67
2018	\$ 492,182	\$ 2,029,818	24.2%	\$ 25,991	\$ 3.69	\$ 0.18	\$ 3.88	\$ 9.21
2019	\$ 502,549	\$ 2,163,111	23.2%	\$ 30,875	\$ 4.01	\$ 0.18	\$ 4.19	\$ 9.10
2020	\$ 517,863	\$ 2,340,661	22.1%	\$ 28,525	\$ 4.26	\$ 0.18	\$ 4.43	\$ 10.23
2021	\$ 438,351	\$ 1,616,404	27.1%	\$ 28,868	\$ 5.47	\$ 0.19	\$ 5.66	\$ 9.04
2022	\$ 469,424	\$ 1,656,116	28.3%	\$ 28,878	\$ 4.77	\$ 0.20	\$ 4.97	\$ 8.90
2023	\$ 520,615	\$ 2,090,824	24.9%	\$ 26,752	\$ 4.83	\$ 0.23	\$ 5.05	\$ 11.68

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 CO2e lb/GSF
2017	1.69	2.00	222,515	1.39	2.53	0.0535	182.58	0.1520
2018	1.69	2.00	286,761	1.45	2.68	0.0689	235.30	0.1785
2019	1.70	2.00	341,851	1.39	2.61	0.0822	280.51	0.1860
2020	1.69	2.00	321,235	1.23	2.30	0.0772	263.59	0.1560
2021	1.68	2.00	300,791	1.19	2.25	0.0723	246.81	0.1245
2022	1.71	2.00	287,428	1.25	2.34	0.0691	235.85	0.1364
2023	1.72	2.00	236,003	1.19	2.21	0.0567	193.65	0.1202



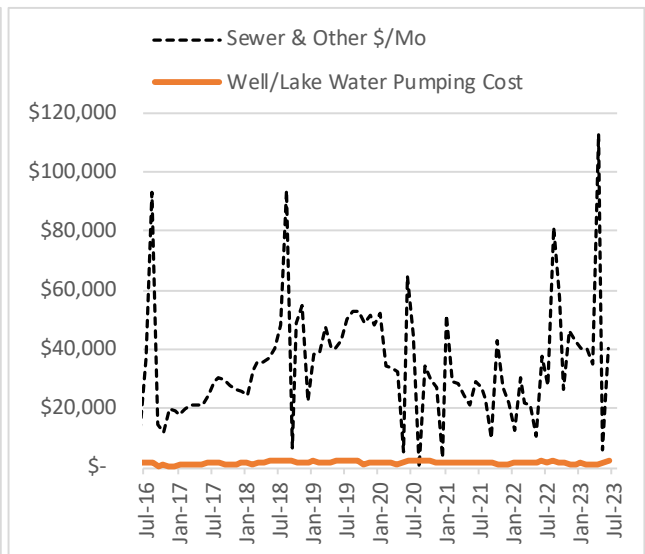
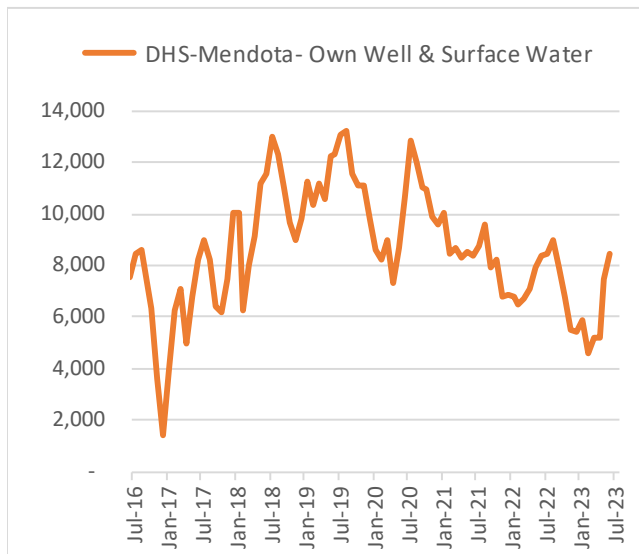
DHS ground water wells include Mendota 35 million gallons per year and Southern Center 32 million gallons per year.



DHS-Mendota Own Well/Lake= Yes Vendor = Mendota Well & MMSD 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
2017	1,320,211	-	72,896	72,896		55.22	55.22	\$ 0.25
2018	1,320,211	-	103,536	103,536		78.42	78.42	\$ 0.30
2019	1,320,211	-	132,680	132,680		100.50	100.50	\$ 0.42
2020	1,320,211	-	122,333	122,333		92.66	92.66	\$ 0.42
2021	1,320,211	-	118,489	118,489		89.75	89.75	\$ 0.26
2022	1,320,211	-	91,522	91,522		69.32	69.32	\$ 0.23
2023	1,320,211	-	80,018	80,018		60.61	60.61	\$ 0.44

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
2017	\$ -	\$ 320,179	0.0%	\$ 12,830		\$ 0.18	\$ 0.18	\$ 4.57
2018	\$ -	\$ 375,691	0.0%	\$ 19,035		\$ 0.18	\$ 0.18	\$ 3.81
2019	\$ -	\$ 523,759	0.0%	\$ 24,186		\$ 0.18	\$ 0.18	\$ 4.13
2020	\$ -	\$ 527,462	0.0%	\$ 21,767		\$ 0.18	\$ 0.18	\$ 4.49
2021	\$ -	\$ 322,834	0.0%	\$ 23,028		\$ 0.19	\$ 0.19	\$ 2.92
2022	\$ -	\$ 286,684	0.0%	\$ 18,907		\$ 0.21	\$ 0.21	\$ 3.34
2023	\$ -	\$ 556,807	0.0%	\$ 18,683		\$ 0.23	\$ 0.23	\$ 7.19

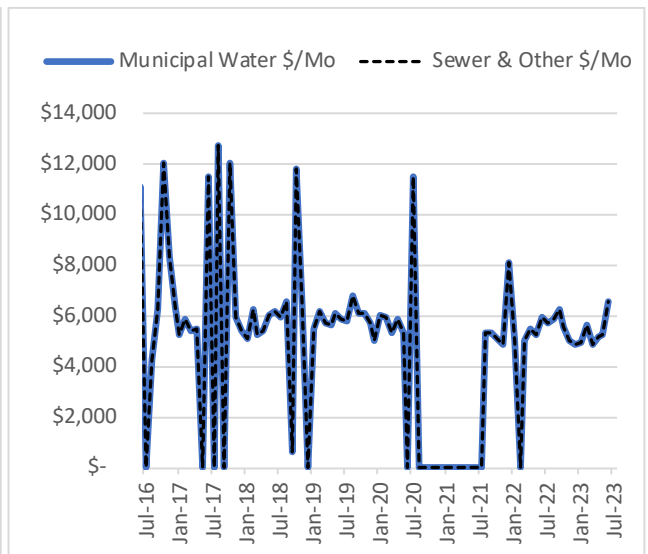
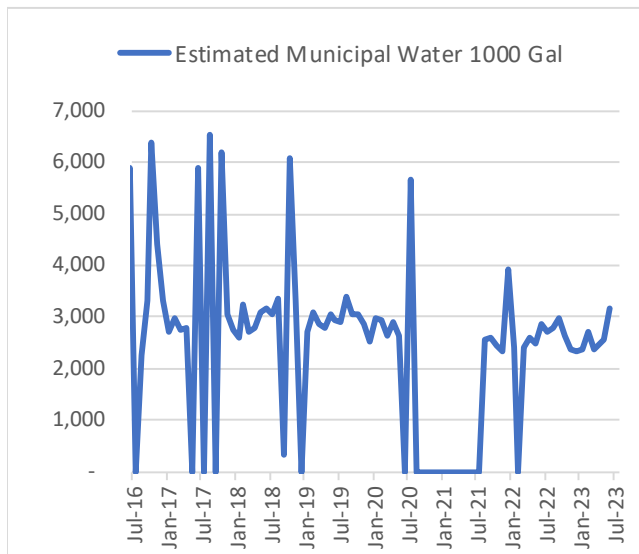
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017		2.00	145,791	1.39	2.77	0.1104	376.90	0.1529
2018		2.00	207,071	1.45	2.90	0.1568	535.32	0.2273
2019		2.00	265,361	1.39	2.79	0.2010	686.01	0.2802
2020		2.00	244,665	1.23	2.47	0.1853	632.51	0.2285
2021		2.00	236,978	1.19	2.38	0.1795	612.63	0.2132
2022		2.00	183,043	1.25	2.49	0.1386	473.20	0.1728
2023		2.00	160,035	1.19	2.37	0.1212	413.72	0.1436



DHS-Northern Center Own Well/Lake= No 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
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
2022	523,226	26,687	-	26,687	51.00		51.00	\$ 0.32
2023	523,226	31,596	-	31,596	60.39		60.39	\$ 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
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
2022	\$ 55,444	\$ 110,888	50.0%	\$ -	\$ 2.08		\$ 2.08	\$ 6.23
2023	\$ 65,616	\$ 131,232	50.0%	\$ -	\$ 2.08		\$ 2.08	\$ 6.23

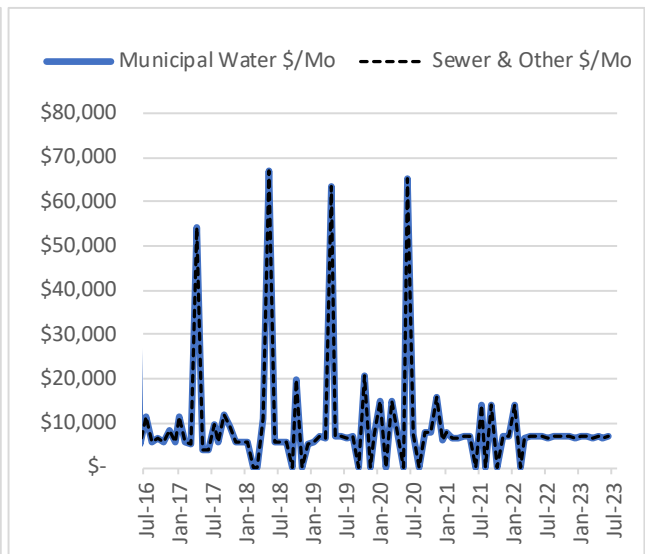
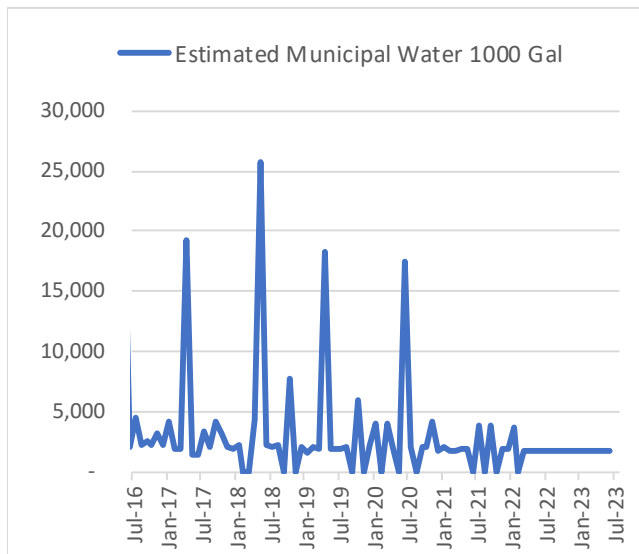
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.77		-	1.39	2.46			0.1734
2018	1.80		-	1.45	2.62			0.1809
2019	1.85		-	1.39	2.58			0.1661
2020	1.90		-	1.23	2.34			0.1427
2021	1.84		-	1.19	2.18			0.0236
2022	1.91		-	1.25	2.38			0.1212
2023	1.95		-	1.19	2.31			0.1395



DHS-Sand Ridge Own Well/Lake= No 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
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
2022	308,828	22,222	-	22,222	71.96		71.96	\$ 0.82
2023	308,828	21,357	-	21,357	69.15		69.15	\$ 0.80

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
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
2022	\$ 84,086	\$ 168,172	50.0%	\$ -	\$ 3.78		\$ 3.78	\$ 11.35
2023	\$ 82,596	\$ 165,192	50.0%	\$ -	\$ 3.87		\$ 3.87	\$ 11.60

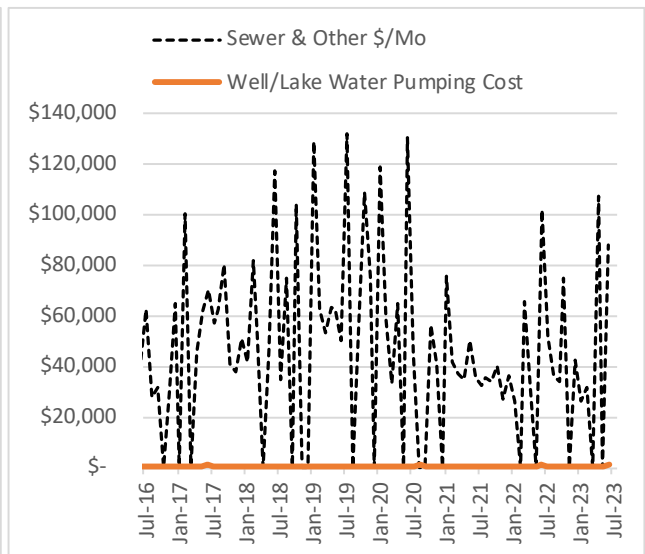
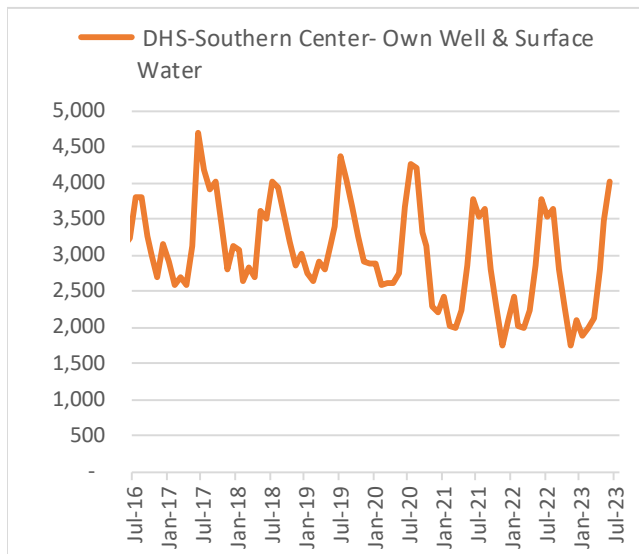
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.42		-	1.39	1.97			0.2991
2018	1.55		-	1.45	2.25			0.3752
2019	1.46		-	1.39	2.03			0.2752
2020	1.42		-	1.23	1.76			0.2254
2021	1.42		-	1.19	1.69			0.1191
2022	1.49		-	1.25	1.85			0.1333
2023	1.44		-	1.19	1.70			0.1178



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
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
2022	1,023,235	-	31,457	31,457		30.74	30.74	\$ 0.43
2023	1,023,235	-	32,435	32,435		31.70	31.70	\$ 0.49

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
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
2022	\$ -	\$ 430,583	0.0%	\$ 6,066		\$ 0.19	\$ 0.19	\$ 13.88
2023	\$ -	\$ 492,787	0.0%	\$ 6,590		\$ 0.20	\$ 0.20	\$ 15.40

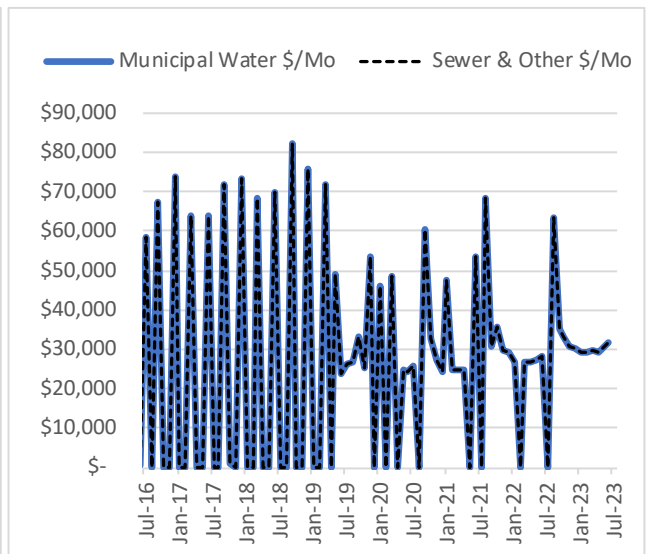
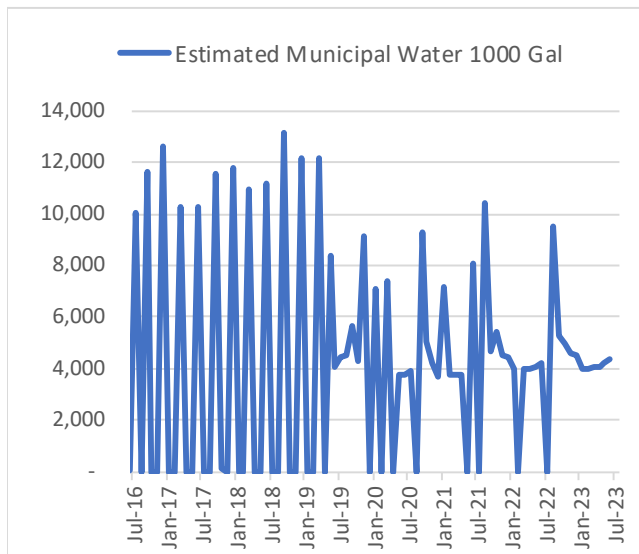
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017		2.00	76,724	1.39	2.77	0.0750	255.91	0.1038
2018		2.00	79,690	1.45	2.90	0.0779	265.81	0.1128
2019		2.00	76,490	1.39	2.79	0.0748	255.13	0.1042
2020		2.00	76,570	1.23	2.47	0.0748	255.40	0.0923
2021		2.00	69,476	1.19	2.38	0.0679	231.74	0.0807
2022		2.00	62,914	1.25	2.49	0.0615	209.85	0.0766
2023		2.00	64,870	1.19	2.37	0.0634	216.37	0.0751



DHS-Winnebago 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
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
2022	983,900	49,800	-	49,800	50.62		50.62	\$ 1.01
2023	983,900	53,648	-	53,648	54.53		54.53	\$ 1.14

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
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
2022	\$ 329,894	\$ 659,788	50.0%	\$ -	\$ 6.62		\$ 6.62	\$ 19.87
2023	\$ 372,403	\$ 744,806	50.0%	\$ -	\$ 6.94		\$ 6.94	\$ 20.82

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
2017	1.81		-	1.39	2.51			0.1401
2018	1.83		-	1.45	2.66			0.1231
2019	1.74		-	1.39	2.42			0.1229
2020	1.80		-	1.23	2.22			0.1132
2021	1.74		-	1.19	2.07			0.1108
2022	1.71		-	1.25	2.13			0.1079
2023	1.75		-	1.19	2.07			0.1130



Department of Public Instruction



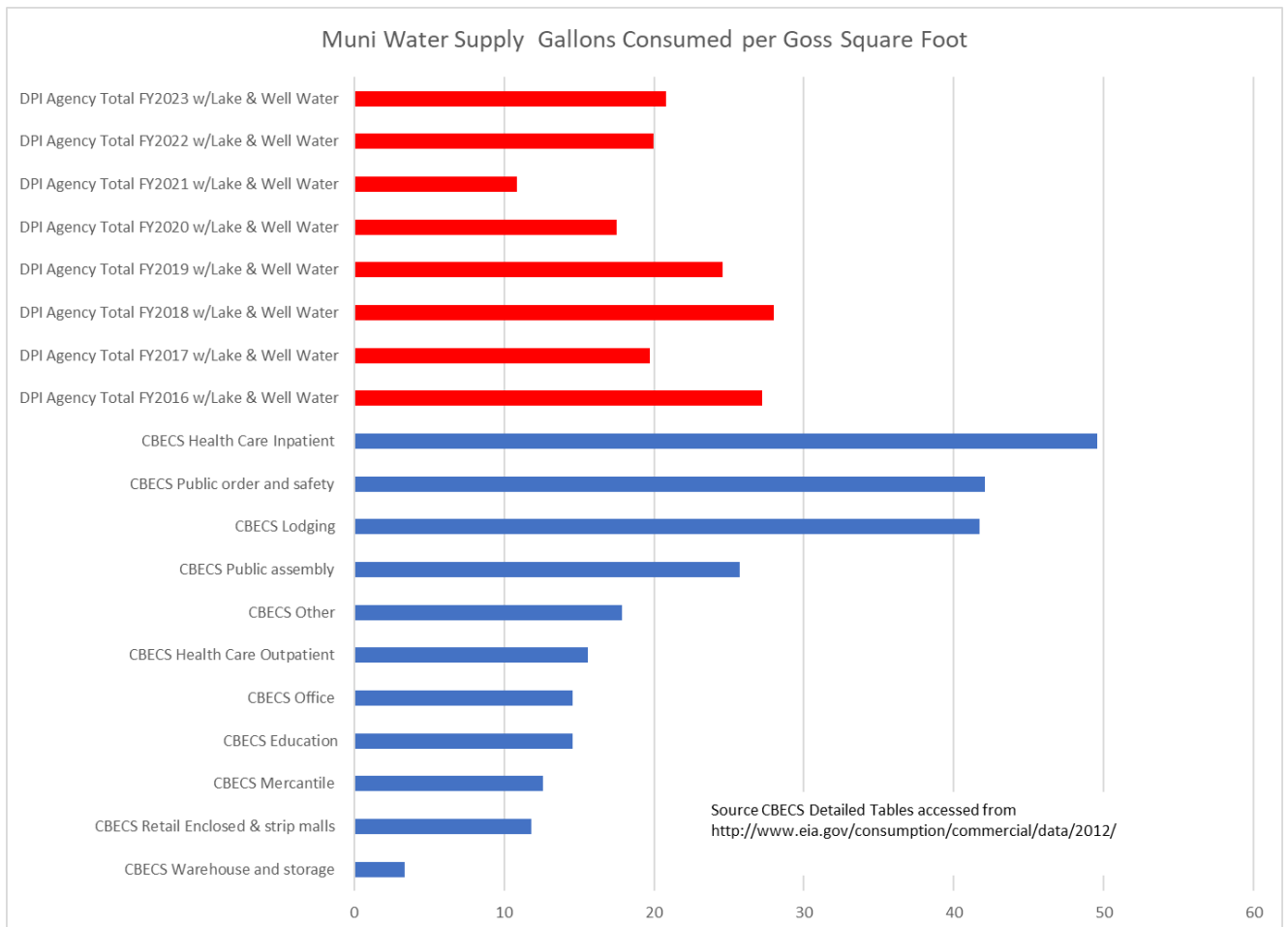
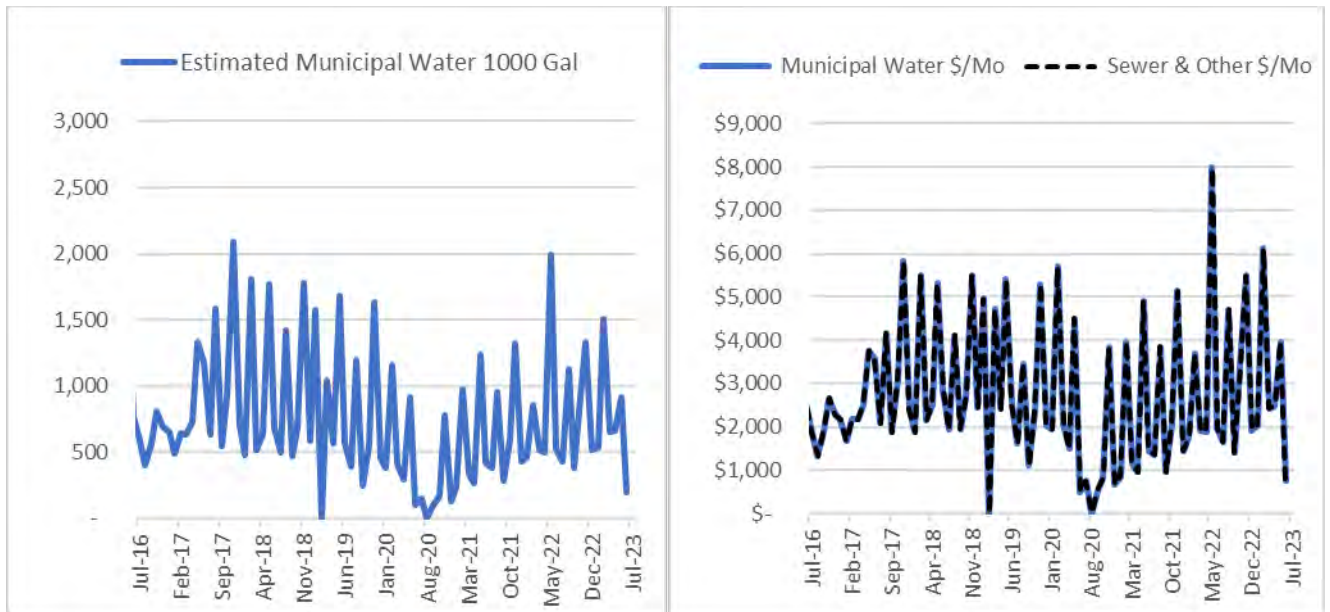
SCOPE

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
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
2022	441,183	8,813	-	8,813	19.98		19.98	\$ 0.23
2023	441,183	9,182	-	9,182	20.81		20.81	\$ 0.25

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
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
2022	\$ 34,001	\$ 68,003	50.0%	\$ -	\$ 3.86		\$ 3.86	\$ 11.57
2023	\$ 36,366	\$ 72,731	50.0%	\$ -	\$ 3.96		\$ 3.96	\$ 11.88

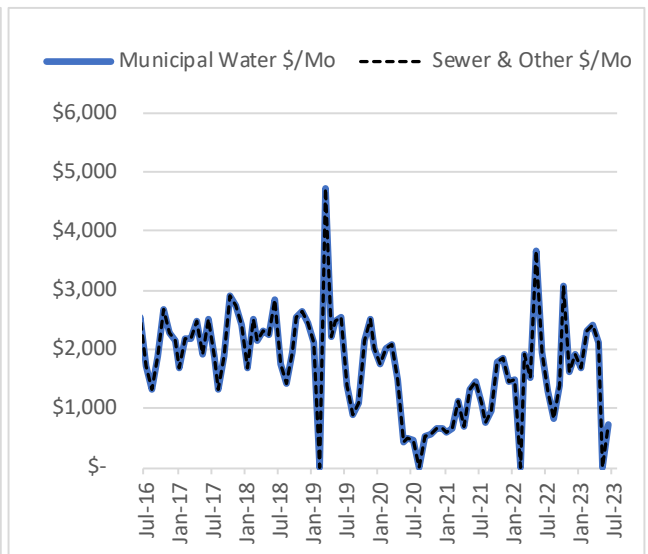
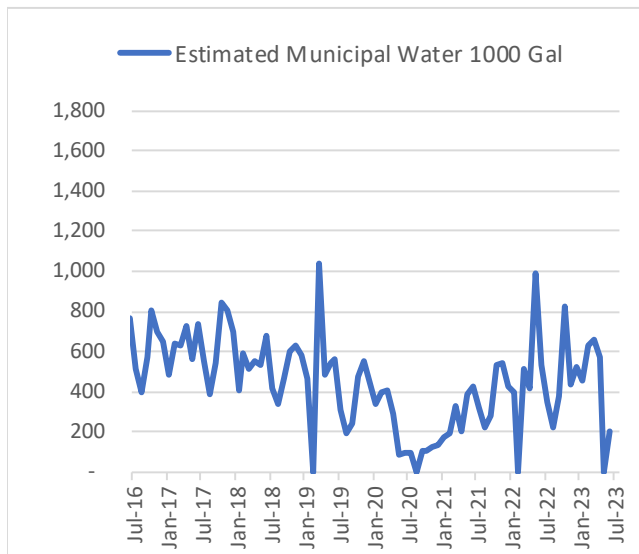
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.38		-	1.39	3.29			0.0649
2018	2.23		-	1.45	3.23			0.0905
2019	2.16		-	1.39	3.01			0.0741
2020	2.14		-	1.23	2.64			0.0462
2021	2.15		-	1.19	2.56			0.0278
2022	2.14		-	1.25	2.67			0.0532
2023	2.06		-	1.19	2.44			0.0507



DPI-Delavan Own Well/Lake= No 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
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
2022	244,979	5,178	-	5,178	21.14		21.14	\$ 0.23
2023	244,979	5,276	-	5,276	21.54		21.54	\$ 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
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
2022	\$ 18,427	\$ 36,853	50.0%	\$ -	\$ 3.56		\$ 3.56	\$ 10.68
2023	\$ 19,416	\$ 38,831	50.0%	\$ -	\$ 3.68		\$ 3.68	\$ 11.04

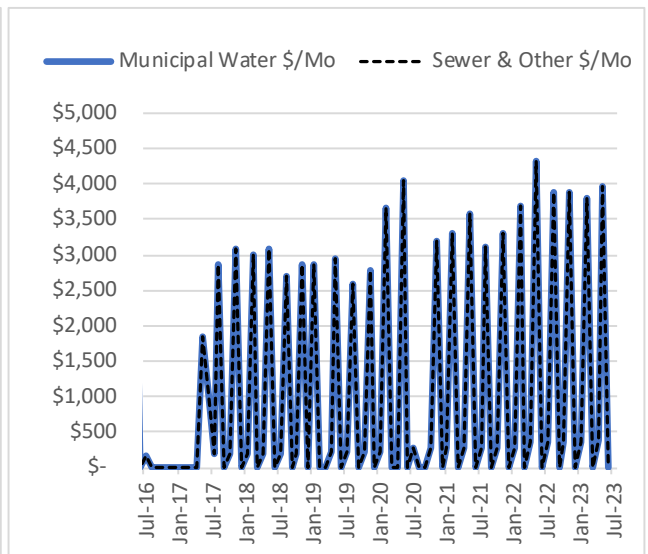
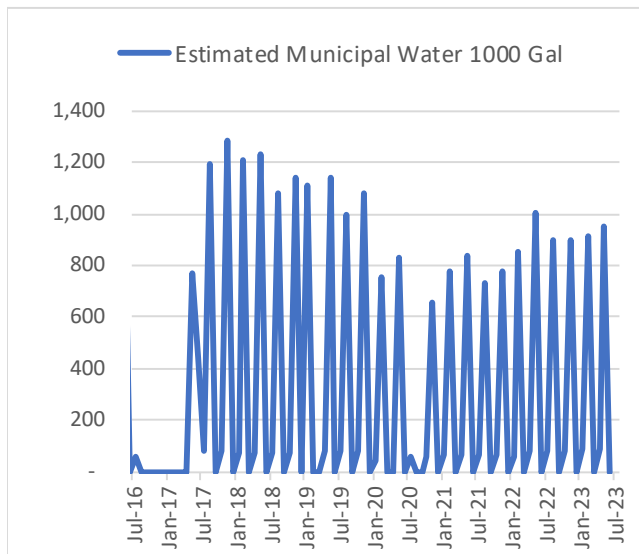
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.57		-	1.39	3.56			0.1078
2018	2.70		-	1.45	3.91			0.1137
2019	2.40		-	1.39	3.35			0.0838
2020	2.92		-	1.23	3.61			0.0567
2021	2.63		-	1.19	3.13			0.0291
2022	2.35		-	1.25	2.92			0.0618
2023	2.44		-	1.19	2.90			0.0624



DPI-Janesville 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
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
2022	196,204	3,635	-	3,635	18.52		18.52	\$ 0.24
2023	196,204	4,004	-	4,004	20.41		20.41	\$ 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
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
2022	\$ 15,575	\$ 31,150	50.0%	\$ -	\$ 4.29		\$ 4.29	\$ 12.86
2023	\$ 16,950	\$ 33,900	50.0%	\$ -	\$ 4.23		\$ 4.23	\$ 12.70

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
2017	1.73		-	1.39	2.39			0.0156
2018	1.65		-	1.45	2.39			0.0638
2019	1.66		-	1.39	2.32			0.0556
2020	1.65		-	1.23	2.04			0.0402
2021	1.65		-	1.19	1.96			0.0251
2022	1.67		-	1.25	2.08			0.0385
2023	1.69		-	1.19	2.00			0.0408





SCOPE

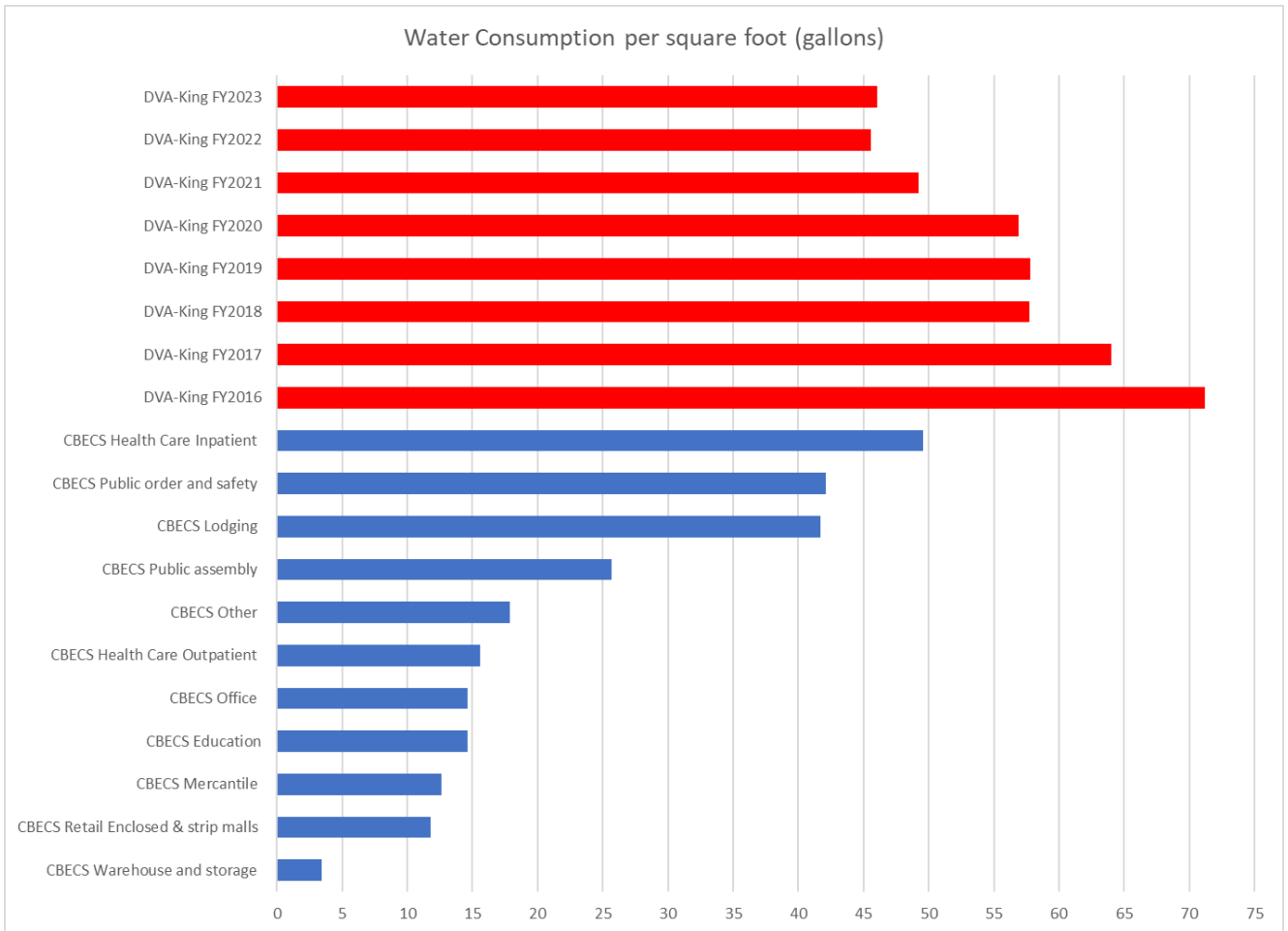
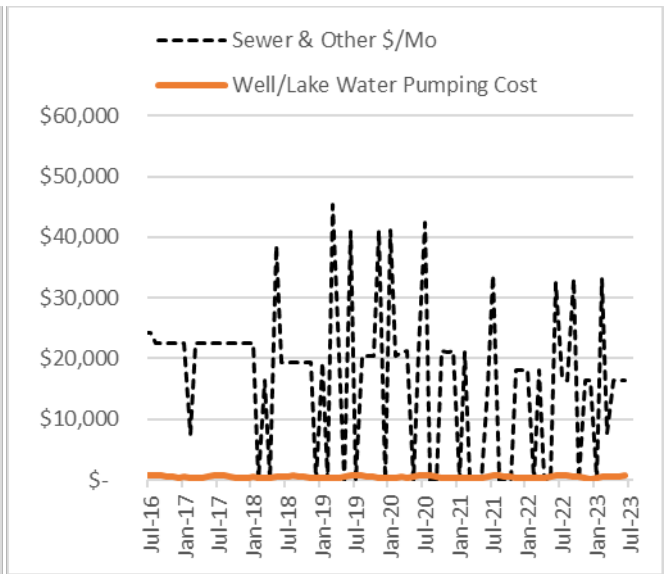
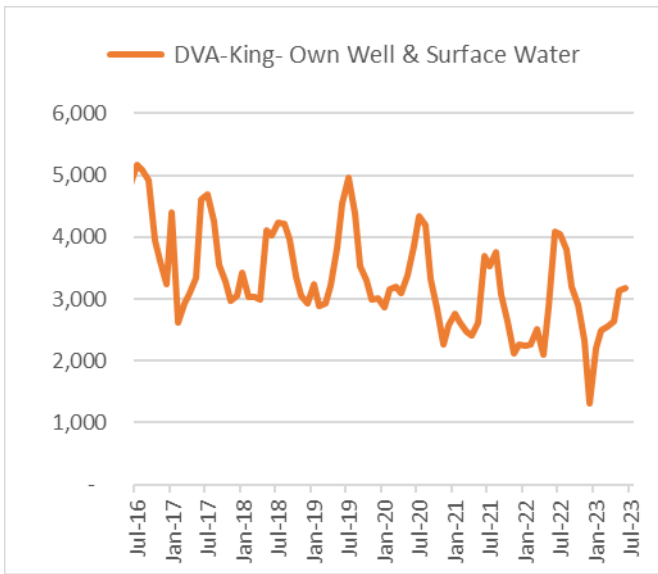
Includes the Wisconsin Veterans Home at King the long term and rehabilitative care facility caring for veterans, a veteran's spouse, the surviving spouse of a veteran, and Gold Star Parents (parents who have lost a son or daughter in combat)

Review Buildings Demolished and New Construction FY20-FY21

DVA-King		Own Well/Lake= Yes			Vendor = VA King Well & Sewer=Waupaca Chain O Lakes			
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
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	-	36,109	36,109		49.21	49.21	\$ 0.20
2022	733,728	-	33,435	33,435		45.57	45.57	\$ 0.20
2023	733,728	-	33,778	33,778		46.04	46.04	\$ 0.27

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
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%	\$ 5,148		\$ 0.14	\$ 0.14	\$ 4.10
2022	\$ -	\$ 138,876	0.0%	\$ 5,786		\$ 0.17	\$ 0.17	\$ 4.33
2023	\$ -	\$ 190,072	0.0%	\$ 6,376		\$ 0.19	\$ 0.19	\$ 5.82

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
2017		2.00	93,920	1.39	2.77	0.1280	436.88	0.1773
2018		2.00	84,746	1.45	2.90	0.1155	394.20	0.1674
2019		2.00	84,840	1.39	2.79	0.1156	394.64	0.1612
2020		2.00	83,496	1.23	2.47	0.1138	388.39	0.1403
2021		2.00	72,218	1.19	2.38	0.0984	335.93	0.1169
2022		2.00	66,870	1.25	2.49	0.0911	311.05	0.1136
2023		2.00	67,556	1.19	2.37	0.0921	314.24	0.1091



Department of Natural Resources



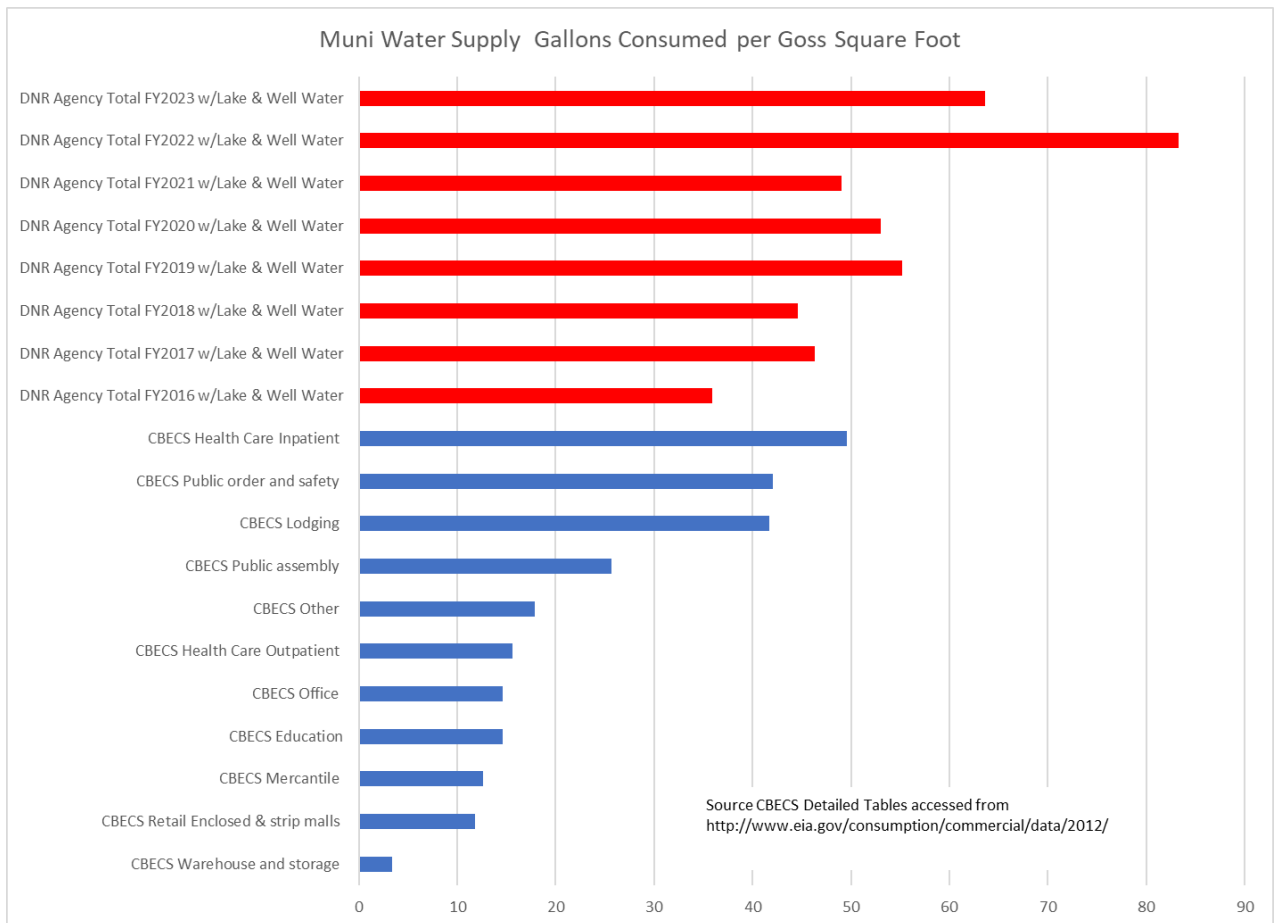
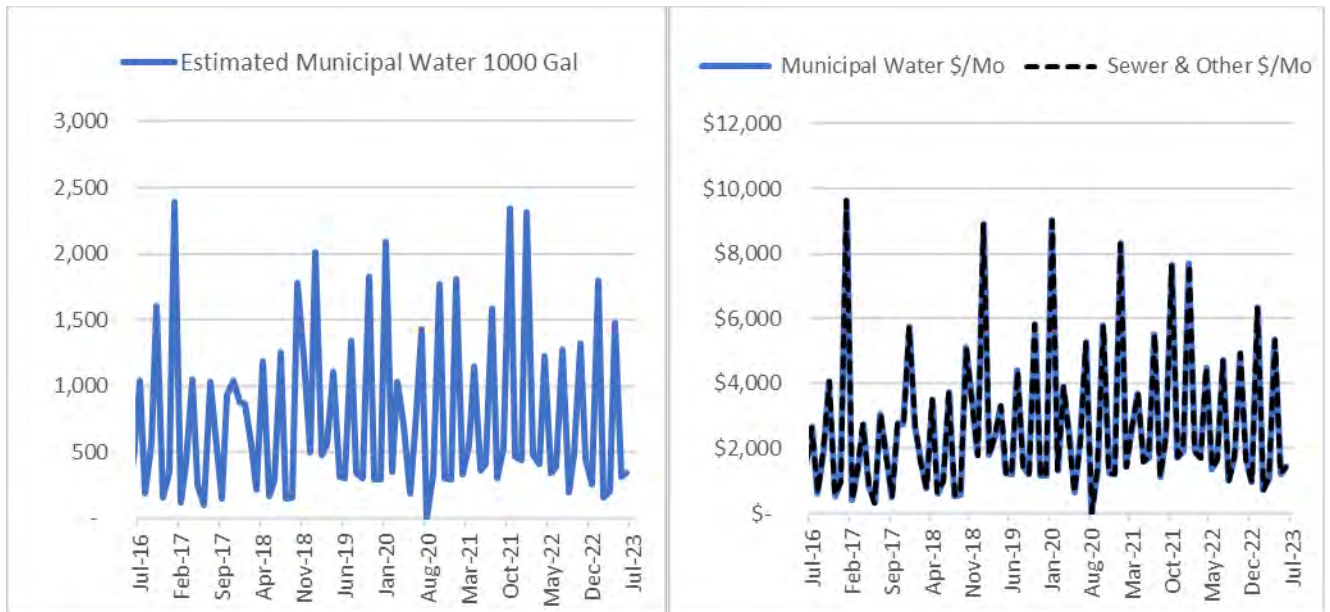
SCOPE

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
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
2022	130,097	10,840	-	10,840	83.32		83.32	\$ 0.90
2023	130,097	8,282	-	8,282	63.66		63.66	\$ 0.72

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
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
2022	\$ 39,158	\$ 78,315	50.0%	\$ -	\$ 3.61		\$ 3.61	\$ 10.84
2023	\$ 31,163	\$ 62,326	50.0%	\$ -	\$ 3.76		\$ 3.76	\$ 11.29

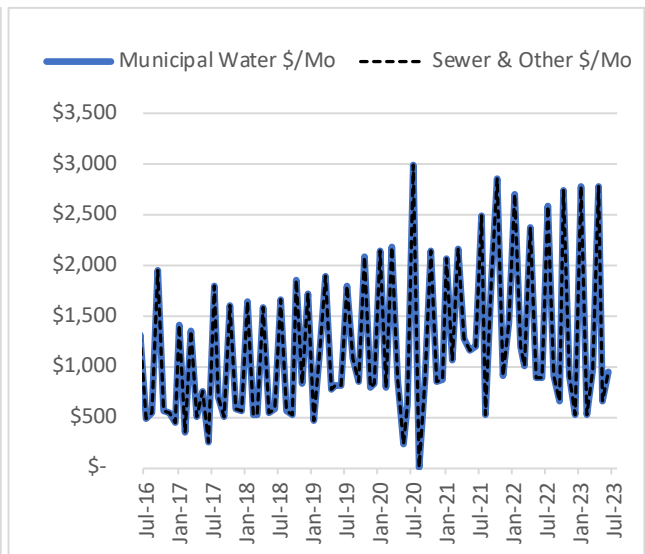
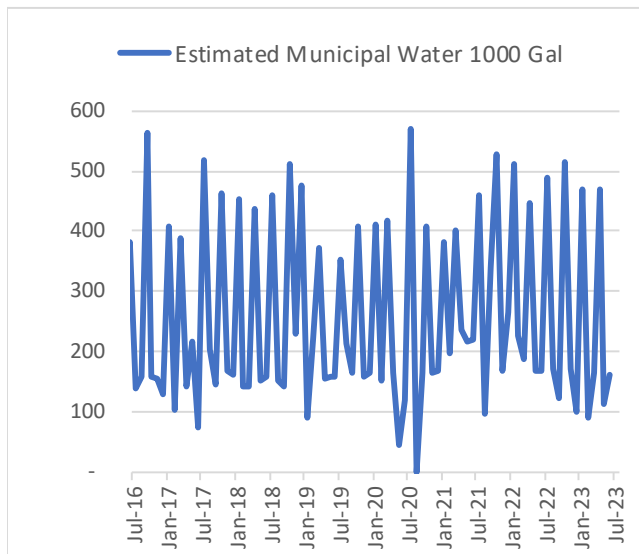
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.71		-	1.39	2.37			0.1097
2018	1.75		-	1.45	2.54			0.1133
2019	1.72		-	1.39	2.40			0.1328
2020	1.87		-	1.23	2.30			0.1221
2021	1.99		-	1.19	2.36			0.1161
2022	1.98		-	1.25	2.46			0.2054
2023	1.98		-	1.19	2.35			0.1496



DNR-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
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
2022	58,796	3,568	-	3,568	60.68		60.68	\$ 0.97
2023	58,796	3,031	-	3,031	51.55		51.55	\$ 0.86

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
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
2022	\$ 19,071	\$ 38,143	50.0%	\$ -	\$ 5.35		\$ 5.35	\$ 16.04
2023	\$ 16,937	\$ 33,875	50.0%	\$ -	\$ 5.59		\$ 5.59	\$ 16.76

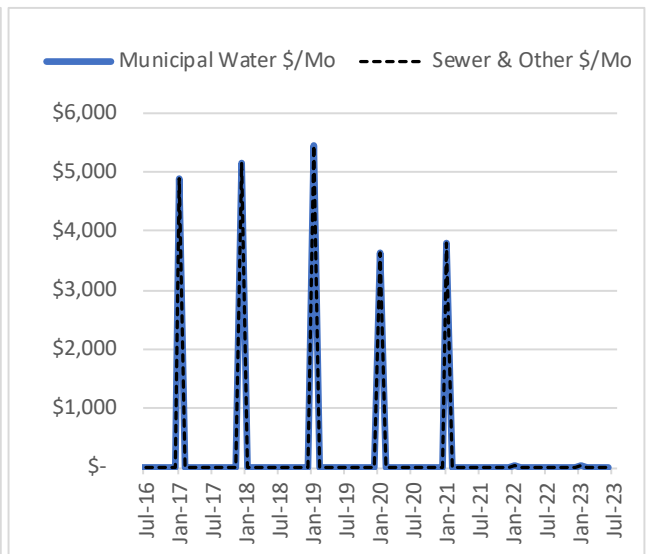
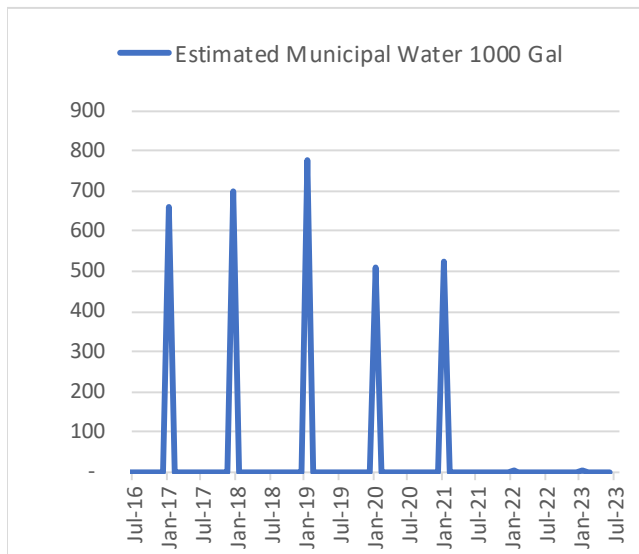
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.15		-	1.39	2.98			0.1336
2018	2.16		-	1.45	3.12			0.1670
2019	2.11		-	1.39	2.94			0.1566
2020	2.23		-	1.23	2.75			0.1298
2021	2.27		-	1.19	2.70			0.1435
2022	2.19		-	1.25	2.73			0.1655
2023	2.28		-	1.19	2.70			0.1394



DNR-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
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
2022	34,560	3	-	3	0.09		0.09	\$ 0.00
2023	34,560	3	-	3	0.09		0.09	\$ 0.00

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
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
2022	\$ 24	\$ 49	50.0%	\$ -	\$ 8.16		\$ 8.16	\$ 24.49
2023	\$ 25	\$ 50	50.0%	\$ -	\$ 8.10		\$ 8.10	\$ 24.29

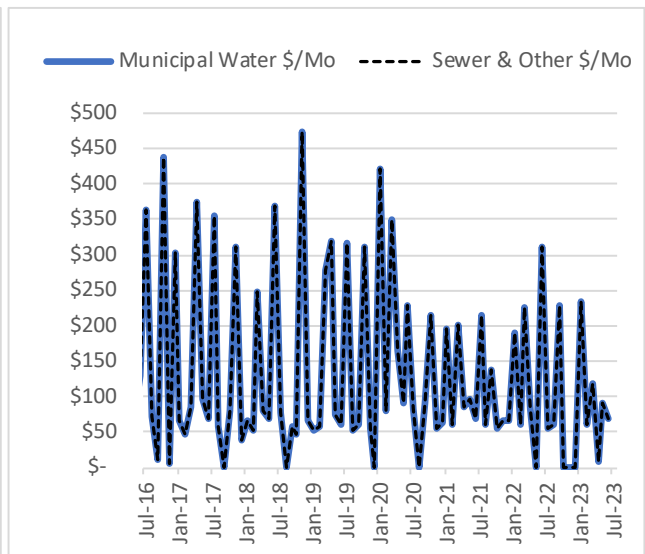
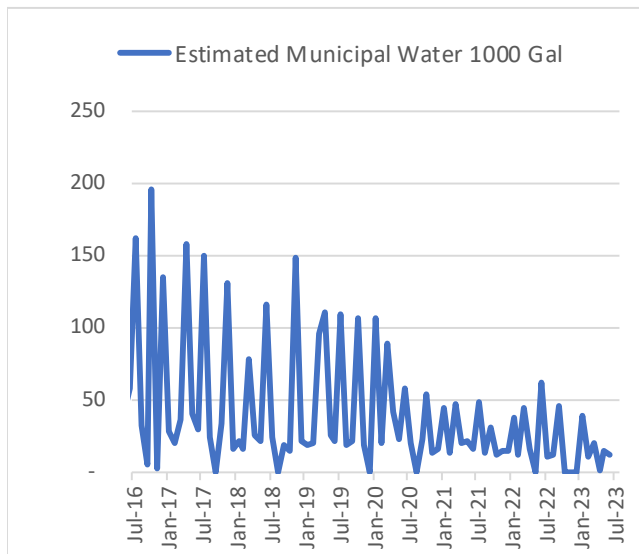
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.0529
2018	2.00		-	1.45	2.90			0.0585
2019	2.00		-	1.39	2.79			0.0627
2020	2.00		-	1.23	2.47			0.0363
2021	2.00		-	1.19	2.38			0.0359
2022	2.00		-	1.25	2.49			0.0002
2023	2.00		-	1.19	2.37			0.0002



DNR-Tomahawk Own Well/Lake= No 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
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	290	-	290	7.90		7.90	\$ 0.10
2022	36,741	309	-	309	8.41		8.41	\$ 0.12
2023	36,741	166	-	166	4.52		4.52	\$ 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
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%	\$ -	\$ 4.18		\$ 4.18	\$ 12.53
2022	\$ 1,467	\$ 2,933	50.0%	\$ -	\$ 4.75		\$ 4.75	\$ 14.24
2023	\$ 927	\$ 1,853	50.0%	\$ -	\$ 5.58		\$ 5.58	\$ 16.73

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
2017	1.10		-	1.39	1.53			0.0350
2018	1.16		-	1.45	1.68			0.0290
2019	1.10		-	1.39	1.53			0.0215
2020	1.06		-	1.23	1.31			0.0217
2021	1.16		-	1.19	1.38			0.0109
2022	1.19		-	1.25	1.49			0.0125
2023	2.00		-	1.19	2.37			0.0107



Department of Transportation



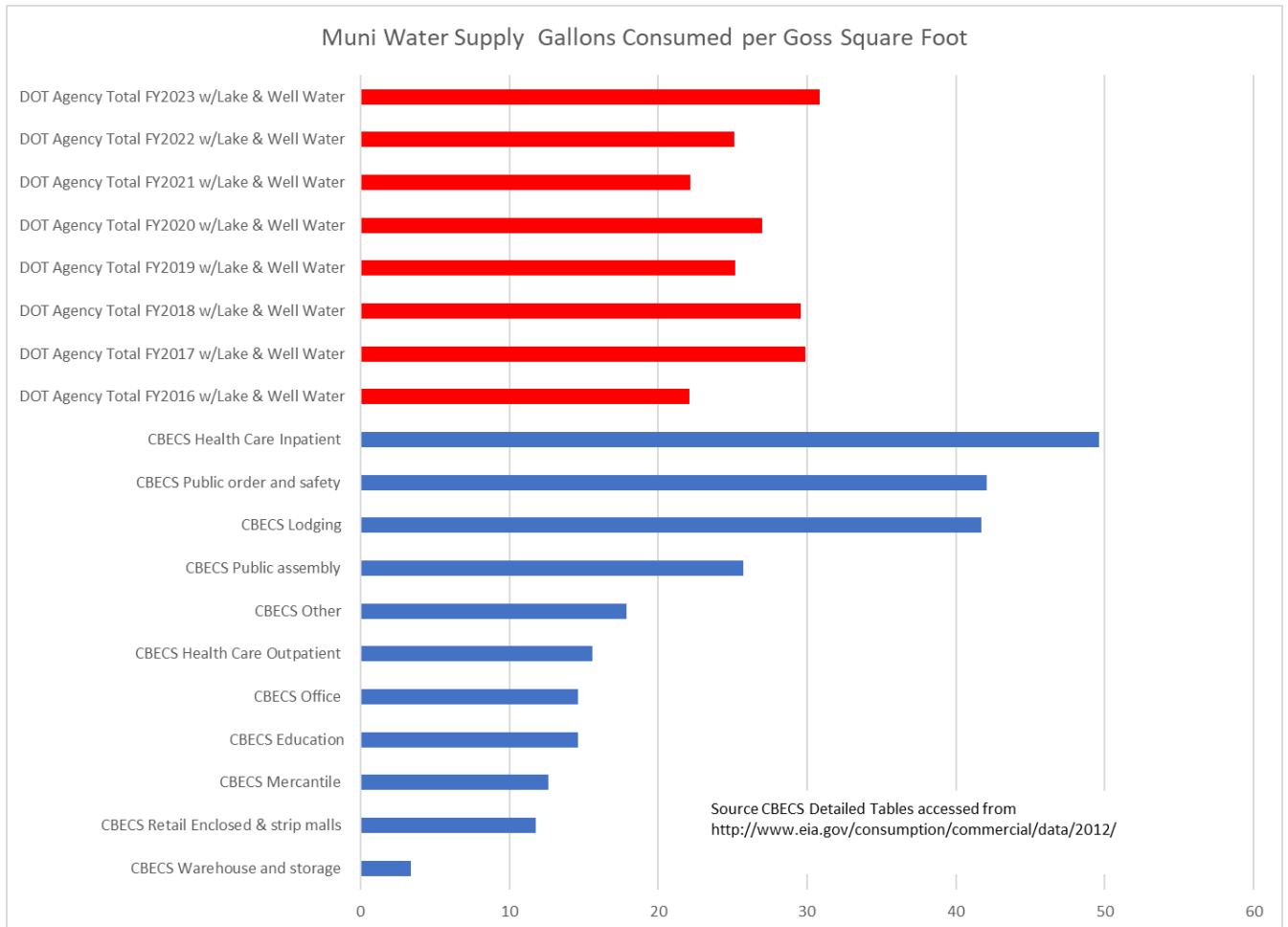
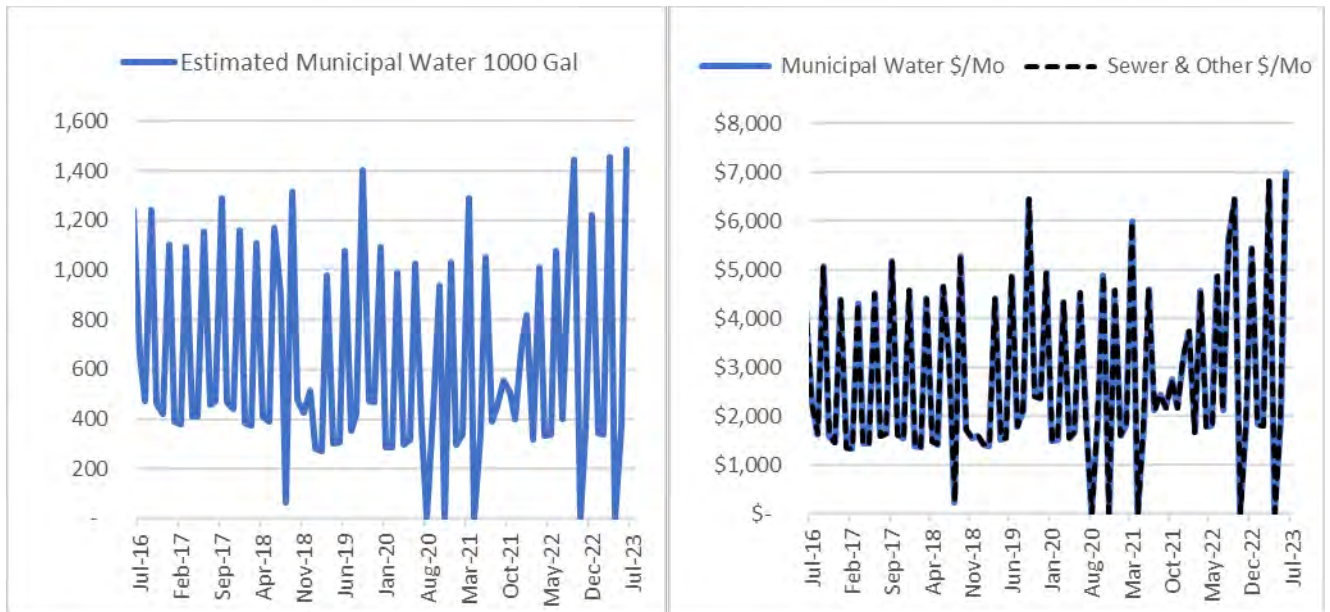
SCOPE

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
2017	274,395	8,195	-	8,195	29.86		29.86	\$ 0.34
2018	274,395	8,123	-	8,123	29.60		29.60	\$ 0.34
2019	274,395	6,913	-	6,913	25.19		25.19	\$ 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
2022	274,395	6,894	-	6,894	25.12		25.12	\$ 0.36
2023	274,395	8,471	-	8,471	30.87		30.87	\$ 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
2017	\$ 30,752	\$ 61,504	50.0%	\$ -	\$ 3.75		\$ 3.75	\$ 11.26
2018	\$ 30,844	\$ 61,689	50.0%	\$ -	\$ 3.80		\$ 3.80	\$ 11.39
2019	\$ 28,796	\$ 57,592	50.0%	\$ -	\$ 4.17		\$ 4.17	\$ 12.50
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
2022	\$ 33,242	\$ 66,484	50.0%	\$ -	\$ 4.82		\$ 4.82	\$ 14.47
2023	\$ 40,878	\$ 81,756	50.0%	\$ -	\$ 4.83		\$ 4.83	\$ 14.48

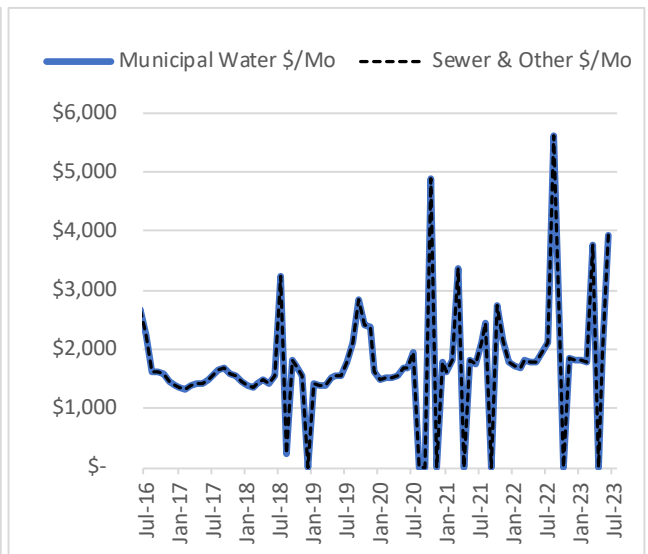
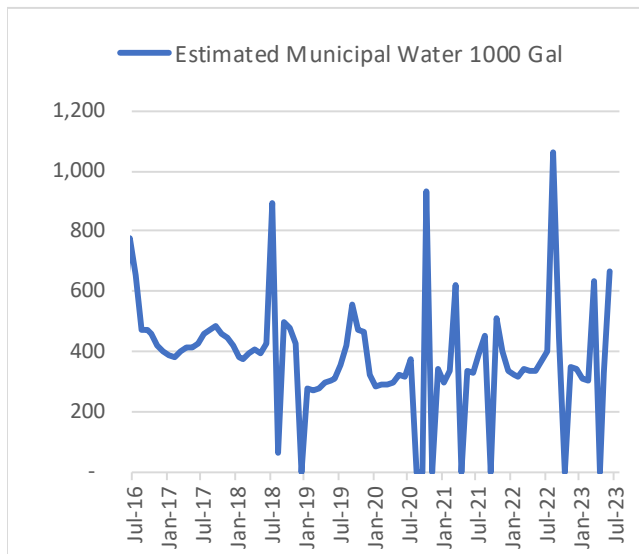
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	1.74		-	1.39	2.42			0.0722
2018	1.75		-	1.45	2.53			0.0749
2019	1.68		-	1.39	2.35			0.0591
2020	1.81		-	1.23	2.23			0.0602
2021	1.90		-	1.19	2.26			0.0500
2022	1.93		-	1.25	2.40			0.0604
2023	1.88		-	1.19	2.23			0.0689



DOT-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
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
2022	201,900	4,114	-	4,114	20.38		20.38	\$ 0.33
2023	201,900	4,850	-	4,850	24.02		24.02	\$ 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
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
2022	\$ 21,987	\$ 43,975	50.0%	\$ -	\$ 5.34		\$ 5.34	\$ 16.03
2023	\$ 27,041	\$ 54,081	50.0%	\$ -	\$ 5.58		\$ 5.58	\$ 16.73

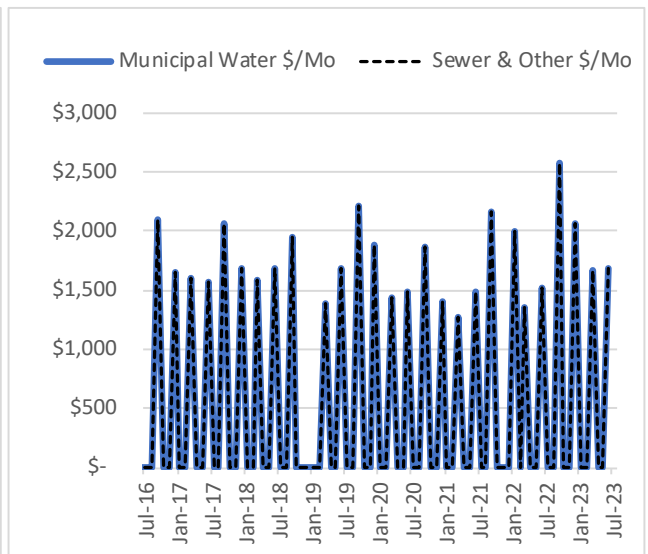
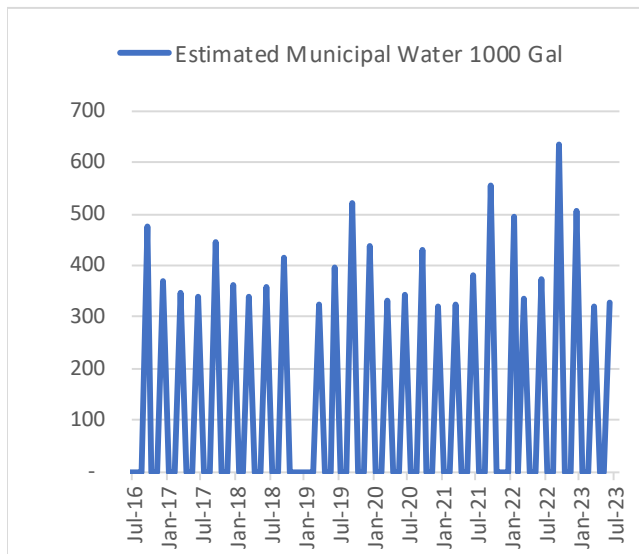
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.15		-	1.39	2.98			0.0784
2018	2.16		-	1.45	3.12			0.0792
2019	2.11		-	1.39	2.94			0.0598
2020	2.23		-	1.23	2.75			0.0599
2021	2.27		-	1.19	2.70			0.0478
2022	2.19		-	1.25	2.73			0.0556
2023	2.28		-	1.19	2.70			0.0649



DOT-Green Bay Own Well/Lake= No 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
2017	40,515	1,531	-	1,531	37.79		37.79	\$ 0.51
2018	40,515	1,504	-	1,504	37.12		37.12	\$ 0.52
2019	40,515	1,134	-	1,134	28.00		28.00	\$ 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
2022	40,515	1,758	-	1,758	43.38		43.38	\$ 0.52
2023	40,515	1,792	-	1,792	44.22		44.22	\$ 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
2017	\$ 6,932	\$ 13,863	50.0%	\$ -	\$ 4.53		\$ 4.53	\$ 13.58
2018	\$ 7,019	\$ 14,038	50.0%	\$ -	\$ 4.67		\$ 4.67	\$ 14.00
2019	\$ 5,023	\$ 10,046	50.0%	\$ -	\$ 4.43		\$ 4.43	\$ 13.28
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
2022	\$ 7,055	\$ 14,111	50.0%	\$ -	\$ 4.01		\$ 4.01	\$ 12.04
2023	\$ 7,984	\$ 15,969	50.0%	\$ -	\$ 4.46		\$ 4.46	\$ 13.37

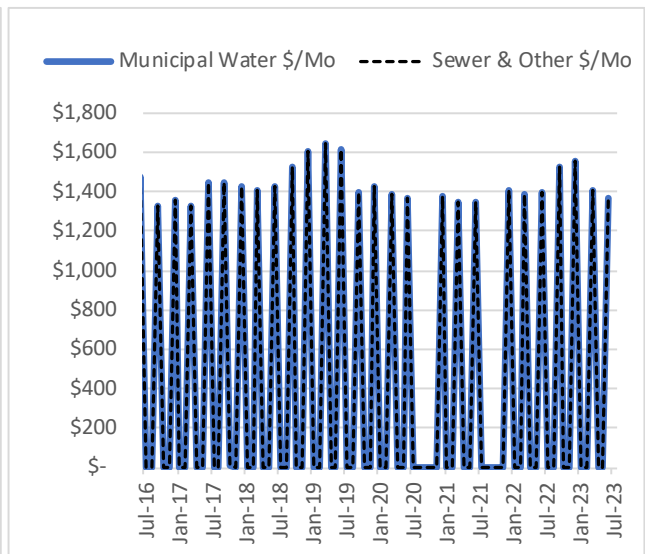
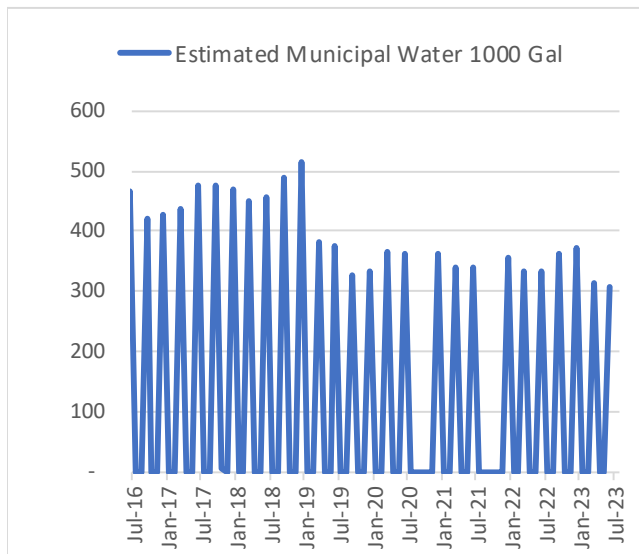
Fiscal Year	Municipal kwh/1000 Gals	Well/Lake Water kwh/1000 Gal	Well/Lake Water kwh	Utility CO2e lb/kwh	Total Water CO2e lb/1000 Gals	Well/Lake Water kwh/GSF	Well/Lake Water Btu/GSF	Total Water CO2 lb/GSF
2017	2.00		-	1.39	2.77			0.1047
2018	2.00		-	1.45	2.90			0.1076
2019	2.00		-	1.39	2.79			0.0781
2020	2.00		-	1.23	2.47			0.0995
2021	2.00		-	1.19	2.38			0.0855
2022	2.00		-	1.25	2.49			0.1081
2023	2.00		-	1.19	2.37			0.1048



DOT-West Allis Own Well/Lake= No 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
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
2022	31,980	1,022	-	1,022	31.96		31.96	\$ 0.39
2023	31,980	1,358	-	1,358	42.47		42.47	\$ 0.55

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
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
2022	\$ 4,199	\$ 8,399	50.0%	\$ -	\$ 4.11		\$ 4.11	\$ 12.33
2023	\$ 5,853	\$ 11,706	50.0%	\$ -	\$ 4.31		\$ 4.31	\$ 12.93

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
2017	2.00		-	1.39	2.77			0.1524
2018	2.00		-	1.45	2.90			0.1683
2019	2.00		-	1.39	2.79			0.1534
2020	0.50		-	1.23	0.62			0.0268
2021	0.58		-	1.19	0.69			0.0224
2022	0.61		-	1.25	0.76			0.0243
2023	0.62		-	1.19	0.74			0.0314



Appendix A - Case Study Water Conservation at EPA

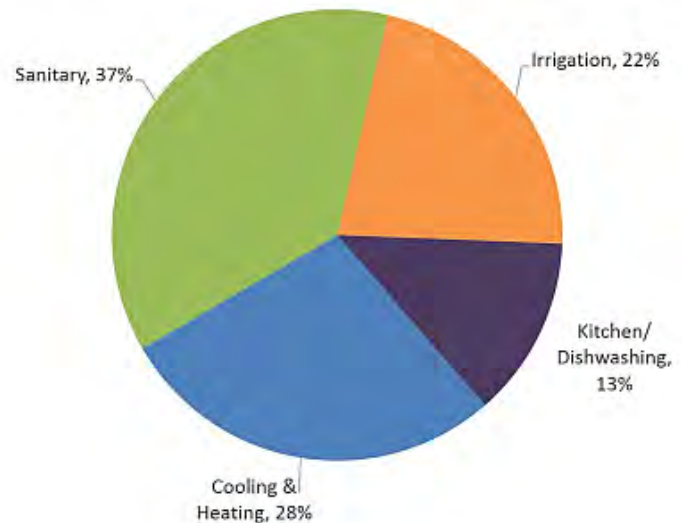
The U.S. population has doubled over the past 50 years, while our thirst for water has tripled. With at least 40 states anticipating water shortages by 2024, the need to conserve water is critical. EPA strives to integrate [water management best practices](#) at all of its facilities. EPA occupies two 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.

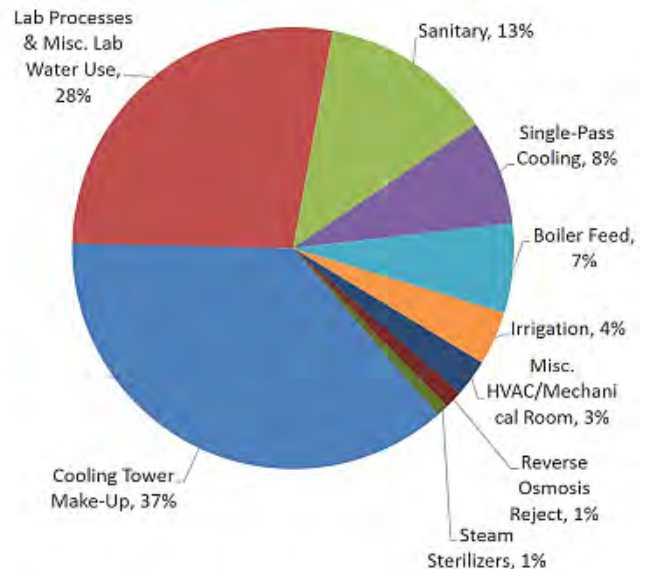
EPA water reduction strategies include:

- 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

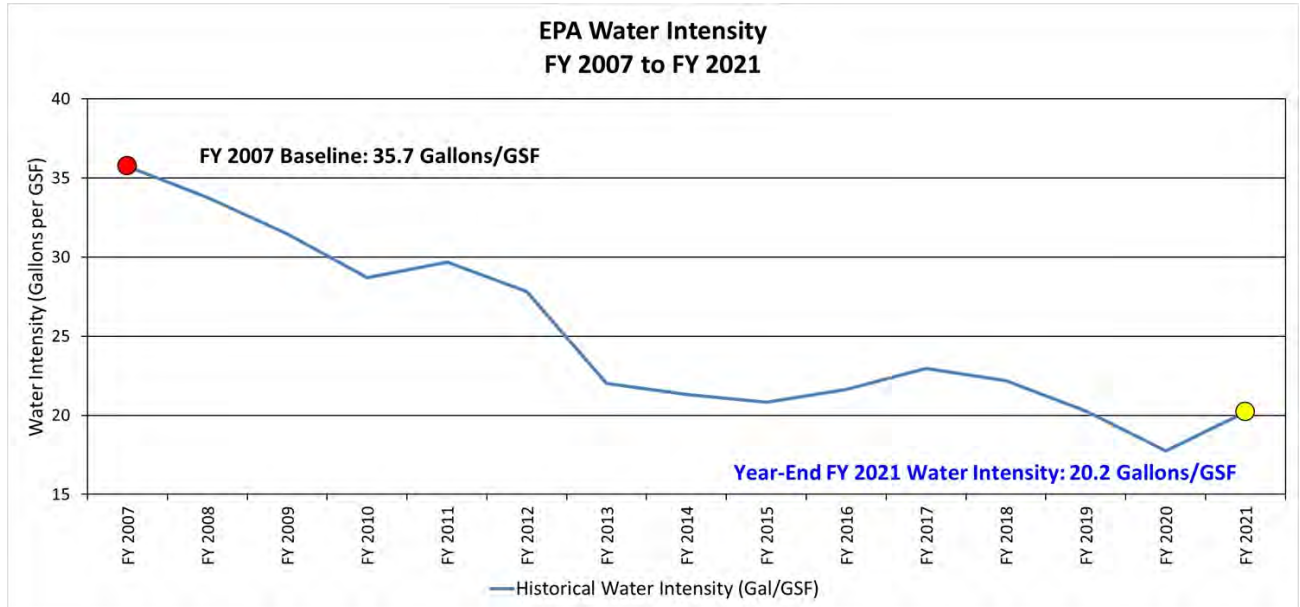


Typical EPA Laboratory End Uses of Water



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

WI State Agencies w/Water & Sewer Expenditures	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
University of Wisconsin System	\$10,900,725	\$11,241,372	\$11,784,134	\$12,253,061	\$14,080,182	\$13,253,467	\$14,725,726	\$13,792,165	\$12,870,545	\$14,654,268	\$15,654,412
Corrections, Department of	\$8,197,527	\$8,207,647	\$8,551,299	\$7,580,483	\$8,826,759	\$9,602,015	\$9,938,057	\$10,439,751	\$8,608,853	\$8,952,322	\$9,620,630
Health Services, Department of	\$1,453,374	\$1,384,599	\$1,563,843	\$1,359,353	\$1,876,190	\$2,065,677	\$2,164,879	\$2,342,656	\$1,623,569	\$1,659,970	\$2,097,671
Administration, Department of	\$488,972	\$452,921	\$519,341	\$549,861	\$614,497	\$671,963	\$665,956	\$810,239	\$579,560	\$782,487	\$889,588
Military Affairs, Department of	\$474,104	\$478,451	\$598,675	\$527,460	\$567,559	\$573,837	\$545,592	\$563,242	\$537,150	\$594,976	\$644,795
Natural Resources, Department of	\$179,071	\$191,697	\$195,047	\$170,905	\$214,972	\$266,770	\$290,385	\$374,863	\$538,740	\$605,019	\$726,381
Veterans Affairs, Department of	\$358,219	\$382,025	\$331,019	\$348,175	\$352,794	\$338,642	\$325,467	\$325,564	\$205,137	\$170,613	\$234,317
State Fair Park Board	\$232,142	\$273,621	\$296,109	\$219,083	\$252,137	\$317,129	\$214,928	\$258,877	\$256,059	\$91,565	\$193,008
Transportation, Department of	\$350,569	\$334,181	\$205,012	\$175,214	\$155,526	\$155,235	\$140,198	\$158,906	\$139,933	\$157,169	\$183,347
Public Instruction, Department of	\$47,749	\$95,723	\$70,908	\$68,149	\$58,071	\$81,268	\$79,355	\$66,287	\$41,728	\$68,400	\$72,731
Historical Society	\$45,074	\$43,373	\$44,454	\$34,241	\$45,203	\$64,167	\$50,745	\$52,059	\$43,063	\$55,038	\$55,256
Agriculture, Trade and Consumer Protection, Department of	\$2,181	\$2,979	\$3,454	\$2,410	\$2,870	\$2,775	\$2,244	\$2,556	\$2,138	\$2,746	\$2,546
Justice, Department of	\$778	\$813	\$1,337	\$1,916	\$1,764	\$1,586	\$1,609	\$1,679	\$1,988	\$2,798	\$2,705
Educational Communications Board	\$890	\$6,078	\$1,230	\$1,109	\$768	\$757	\$780	\$799	\$816	\$1,023	\$835
Board of Commissioners of Public Lands	\$800	\$780	\$760	\$570	\$570	\$570	\$760	\$760	\$760	\$760	\$760
Public Defender Board	\$435	\$416	\$331	\$387	\$367	\$365	\$455	\$677	\$542	\$922	\$865
Safety and Professional Services, Department of	\$1,041	\$333	\$377	\$250	\$294		\$390				
Workforce Development, Department of		\$151					\$759		\$499		
Grand Total	\$22,733,651	\$23,097,161	\$24,167,333	\$23,292,626	\$27,050,521	\$27,396,224	\$29,148,285	\$29,191,079	\$25,451,081	\$27,800,075	\$30,379,850

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

Water & Sewer Facilities	2013 \$/GS	2014 \$/GS	2015 \$/GS	2016 \$/GS	2017 \$/GS	2018 \$/GS	2019 \$/GS	2020 \$/GS	2021 \$/GS	2022 \$/GS	2023 \$/GS	Water & Serwer Vender
DHS-Mendota	\$ 0.19	\$ 0.18	\$ 0.26	\$ 0.18	\$ 0.24	\$ 0.28	\$ 0.40	\$ 0.40	\$ 0.24	\$ 0.22	\$ 0.42	Madison, City of
DHS-Northern Center	\$ 0.25	\$ 0.21	\$ 0.24	\$ 0.25	\$ 0.27	\$ 0.27	\$ 0.25	\$ 0.24	\$ 0.04	\$ 0.21	\$ 0.25	City Of Chippewa Falls
DHS-Sand Ridge	\$ 0.85	\$ 0.84	\$ 0.84	\$ 0.85	\$ 0.83	\$ 0.89	\$ 0.86	\$ 0.94	\$ 0.52	\$ 0.54	\$ 0.53	City Of Mauston
DHS-Southern Center	\$ 0.40	\$ 0.37	\$ 0.36	\$ 0.37	\$ 0.48	\$ 0.65	\$ 0.62	\$ 0.76	\$ 0.41	\$ 0.42	\$ 0.48	Union Grove, Vill Sewer Utily
DHS-Winnebago	\$ 0.41	\$ 0.42	\$ 0.46	\$ 0.36	\$ 0.67	\$ 0.58	\$ 0.62	\$ 0.63	\$ 0.70	\$ 0.67	\$ 0.76	City Of Oshkosh
DNR-Madison	\$ 0.25	\$ 0.25	\$ 0.30	\$ 0.27	\$ 0.31	\$ 0.38	\$ 0.44	\$ 0.49	\$ 0.57	\$ 0.65	\$ 0.58	Madison, City of
DNR-Green Bay	\$ 0.20	\$ 0.23	\$ 0.24	\$ 0.26	\$ 0.28	\$ 0.30	\$ 0.31	\$ 0.21	\$ 0.22	\$ 0.00	\$ 0.00	ALLOUEZ WATER DEPT
DNR-Tomahawk	\$ 0.06	\$ 0.06	\$ 0.08	\$ 0.09	\$ 0.11	\$ 0.09	\$ 0.09	\$ 0.12	\$ 0.07	\$ 0.08	\$ 0.05	City Of Tomahawk
DOA-Madison	\$ 0.10	\$ 0.09	\$ 0.12	\$ 0.12	\$ 0.13	\$ 0.15	\$ 0.14	\$ 0.18	\$ 0.12	\$ 0.17	\$ 0.20	Madison, City of
DOA-Eau Claire SOB	\$ 0.26	\$ 0.25	\$ 0.26	\$ 0.26	\$ 0.14	\$ 0.26	\$ 0.17	\$ 0.29	\$ 0.23	\$ 0.25	\$ 0.21	City of Eau Claire
DOA-Green Bay SOB	\$ 0.07	\$ 0.06	\$ 0.06	\$ 0.05	\$ 0.07	\$ 0.08	\$ 0.08	\$ 0.09	\$ 0.05	\$ 0.08	\$ 0.09	Green Bay Water Utility
DOA-La Crosse SOB	\$ 0.25	\$ 0.29	\$ 0.26	\$ 0.23	\$ 0.32	\$ 0.32	\$ 0.30	\$ 0.27	\$ 0.20	\$ 0.35	\$ 0.35	La Crosse, City of
DOA-WI Rapids SOB	\$ 1.09	\$ 0.53	\$ 0.35	\$ 0.34	\$ 0.44	\$ 0.42	\$ 0.34	\$ 0.34	\$ 0.27	\$ 0.43	\$ 0.45	Water Works & Lighting Commsn
DOC-Boscobel	\$ 0.62	\$ 0.61	\$ 0.75	\$ 0.62	\$ 0.73	\$ 0.73	\$ 0.74	\$ 0.64	\$ 0.63	\$ 0.56	\$ 0.57	City Of Boscobel
DOC-Columbia	\$ 0.76	\$ 0.75	\$ 0.78	\$ 0.72	\$ 0.80	\$ 0.81	\$ 0.76	\$ 0.92	\$ 0.72	\$ 0.67	\$ 0.59	Portage Water Dept
DOC-Green Bay	\$ 1.65	\$ 1.58	\$ 1.59	\$ 1.62	\$ 1.87	\$ 2.03	\$ 1.76	\$ 1.87	\$ 1.64	\$ 1.38	\$ 1.24	Allouez Water Department
DOC-Jackson	\$ 1.08	\$ 1.68	\$ 1.22	\$ 0.52	\$ 0.35	\$ 0.42	\$ 0.48	\$ 0.51	\$ 0.46	\$ 0.46	\$ 0.49	Brockway Sanitary District #1
DOC-Milwaukee Secure	\$ 0.53	\$ 0.53	\$ 0.54	\$ 0.53	\$ 0.64	\$ 0.65	\$ 0.54	\$ 0.68	\$ 0.40	\$ 0.40	\$ 0.48	Milwaukee, City of
DOC-New Lisbon	\$ 2.22	\$ 2.26	\$ 2.30	\$ 2.12	\$ 2.32	\$ 3.61	\$ 3.47	\$ 3.70	\$ 3.29	\$ 3.29	\$ 3.49	City Of New Lisbon
DOC-Oakhill	\$ 0.41	\$ 0.44	\$ 0.46	\$ 0.37	\$ 0.36	\$ 0.47	\$ 0.50	\$ 0.47	\$ 0.41	\$ 0.41	\$ 0.23	Own Wells & Village Of Oregon Sewer
DOC-Oshkosh	\$ 1.41	\$ 1.48	\$ 1.34	\$ 1.07	\$ 1.54	\$ 1.58	\$ 1.86	\$ 1.70	\$ 1.37	\$ 1.56	\$ 1.76	City Of Oshkosh
DOC-Prairie Du Chien	\$ 0.29	\$ 0.30	\$ 0.33	\$ 0.28	\$ 0.37	\$ 0.43	\$ 0.39	\$ 0.47	\$ 0.52	\$ 0.41	\$ 0.41	City Of Prairie Du Chien
DOC-Racine-Sturtevant	\$ 1.14	\$ 1.00	\$ 1.07	\$ 0.73	\$ 1.01	\$ 1.29	\$ 1.19	\$ 1.22	\$ 1.18	\$ 1.17	\$ 1.08	Village Of Sturtevant
DOC-Redgranite	\$ 1.01	\$ 1.05	\$ 1.52	\$ 0.69	\$ 0.85	\$ 0.85	\$ 0.91	\$ 1.00	\$ 1.05	\$ 0.92	\$ 0.89	Village Of Redgranite
DOC-Stanley	\$ 1.67	\$ 1.68	\$ 1.96	\$ 1.76	\$ 2.79	\$ 1.94	\$ 2.76	\$ 2.85	\$ 2.82	\$ 2.92	\$ 3.00	City Of Stanley
DOC-Taycheedah	\$ 0.86	\$ 0.89	\$ 0.91	\$ 0.98	\$ 1.00	\$ 1.15	\$ 0.99	\$ 1.06	\$ 0.93	\$ 0.77	\$ 0.85	Fond du Lac, City of
DOC-Waupun	\$ 1.03	\$ 0.94	\$ 1.04	\$ 0.83	\$ 0.86	\$ 0.91	\$ 0.92	\$ 1.16	\$ 0.74	\$ 0.85	\$ 1.26	Waupun Utilities
DOT-Madison	\$ 0.30	\$ 0.31	\$ 0.26	\$ 0.18	\$ 0.16	\$ 0.18	\$ 0.17	\$ 0.22	\$ 0.19	\$ 0.22	\$ 0.27	Madison, City of
DOT-Green Bay	\$ 0.31	\$ 0.31	\$ 0.18		\$ 0.34	\$ 0.35	\$ 0.25	\$ 0.35	\$ 0.30	\$ 0.35	\$ 0.39	Village Of Ashwaubenon
DOT-West Allis	\$ 0.16	\$ 0.25	\$ 0.09	\$ 0.27	\$ 0.34	\$ 0.36	\$ 0.40	\$ 0.35	\$ 0.26	\$ 0.26	\$ 0.37	West Allis, City of
DPI-Delavan	\$ 0.13	\$ 0.30	\$ 0.20	\$ 0.19	\$ 0.20	\$ 0.22	\$ 0.22	\$ 0.15	\$ 0.07	\$ 0.15	\$ 0.16	Delavan Water & Sewer Comm
DPI-Janesville			\$ 0.03	\$ 0.10	\$ 0.03	\$ 0.13	\$ 0.12	\$ 0.14	\$ 0.11	\$ 0.16	\$ 0.17	City Of Janesville
DVA-King	\$ 0.39	\$ 0.40	\$ 0.36	\$ 0.40	\$ 0.35	\$ 0.32	\$ 0.30	\$ 0.31	\$ 0.19	\$ 0.19	\$ 0.26	Waupaca Chain O Lakes
UW-Eau Claire	\$ 0.02	\$ 0.01	\$ 0.01	\$ 0.08	\$ 0.08	\$ 0.12	\$ 0.09	\$ 0.13	\$ 0.12	\$ 0.14	\$ 0.14	EAU CLAIRE, CITY OF
UW-Green Bay	\$ 0.20	\$ 0.20	\$ 0.21	\$ 0.22	\$ 0.24	\$ 0.25	\$ 0.28	\$ 0.28	\$ 0.30	\$ 0.32	\$ 0.36	Green Bay Water Utility
UW-La Crosse	\$ 0.10	\$ 0.11	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.09	\$ 0.12	\$ 0.12	CITY OF LA CROSSE
UW-Madison	\$ 0.23	\$ 0.24	\$ 0.26	\$ 0.27	\$ 0.32	\$ 0.29	\$ 0.31	\$ 0.32	\$ 0.30	\$ 0.34	\$ 0.36	CITY TREASURER
UW-Milwaukee	\$ 0.19	\$ 0.18	\$ 0.20	\$ 0.19	\$ 0.19	\$ 0.19	\$ 0.20	\$ 0.16	\$ 0.16	\$ 0.19	\$ 0.20	MILWAUKEE WATER WORKS
UW-Oshkosh	\$ 0.22	\$ 0.22	\$ 0.23	\$ 0.23	\$ 0.32	\$ 0.20	\$ 0.37	\$ 0.24	\$ 0.23	\$ 0.26	\$ 0.26	City Of Oshkosh
UW-Parkside	\$ 0.21	\$ 0.31	\$ 0.27	\$ 0.24	\$ 0.30	\$ 0.30	\$ 0.42	\$ 0.30	\$ 0.25	\$ 0.26	\$ 0.25	TOWN OF SOMERS
UW-Platteville	\$ 0.25	\$ 0.23	\$ 0.24	\$ 0.22	\$ 0.24	\$ 0.23	\$ 0.26	\$ 0.23	\$ 0.22	\$ 0.26	\$ 0.43	PLATTEVILLE WATER & SEWER
UW-River Falls	\$ 0.23	\$ 0.27	\$ 0.26	\$ 0.26	\$ 0.26	\$ 0.26	\$ 0.24	\$ 0.27	\$ 0.21	\$ 0.24	\$ 0.25	RIVER FALLS MUNICIPAL UTILITIES
UW-Stevens Point	\$ 0.18	\$ 0.19	\$ 0.18	\$ 0.17	\$ 0.13	\$ 0.16	\$ 0.18	\$ 0.16	\$ 0.14	\$ 0.18	\$ 0.19	City Of Stevens Point
UW-Stout	\$ 0.10	\$ 0.10	\$ 0.10	\$ 0.08	\$ 0.12	\$ 0.14	\$ 0.08	\$ 0.09	\$ 0.08	\$ 0.12	\$ 0.08	Menomonie City of
UW-Superior	\$ 0.37	\$ 0.31	\$ 0.36	\$ 0.34	\$ 0.36	\$ 0.37	\$ 0.28	\$ 0.41	\$ 0.34	\$ 0.34	\$ 0.33	SUPERIOR WATER LIGHT & POWER
UW-Whitewater	\$ 0.27	\$ 0.22	\$ 0.21	\$ 0.26	\$ 0.31	\$ 0.27	\$ 0.28	\$ 0.26	\$ 0.25	\$ 0.31	\$ 0.32	CITY OF WHITEWATER
UW-Platteville, Baraboo			\$ 0.00	\$ 0.03	\$ 0.04	\$ 0.07	\$ 0.09	\$ 0.07	\$ 0.06	\$ 0.07	\$ 0.07	City Of Baraboo
UW-Eau Claire, Barron	\$ 0.06	\$ 0.13	\$ 0.13	\$ 0.09	\$ 0.09	\$ 0.10	\$ 0.09	\$ 0.09	\$ 0.08	\$ 0.18	\$ 0.20	RICE LAKE UTILITIES
UW-Oshkosh, Fond du Lac	\$ 0.06	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05	\$ 0.05				\$ 0.04	Fond du Lac, City of
UW-Oshkosh, Fox Cities	\$ 0.13	\$ 0.12	\$ 0.13	\$ 0.13	\$ 0.17	\$ 0.09	\$ 0.10	\$ 0.03	\$ 0.01	\$ 0.01	\$ 0.01	TOWN OF MENASHA UTILITY DISTRICT
UW-Green Bay, Manitowoc	\$ 0.08	\$ 0.08	\$ 0.05	\$ 0.05	\$ 0.06	\$ 0.05	\$ 0.05	\$ 0.04	\$ 0.03	\$ 0.03	\$ 0.03	Manitowoc Public Utilities
UW-Stevens Point, Wausau	\$ 0.09	\$ 0.10	\$ 0.09	\$ 0.09	\$ 0.08	\$ 0.08	\$ 0.07	\$ 0.07	\$ 0.05	\$ 0.07	\$ 0.11	WAUSAU WATER WORKS
UW-Green Bay, Marinette	\$ 0.11	\$ 0.28	\$ 0.23	\$ 0.26	\$ 0.27	\$ 0.26	\$ 0.28	\$ 0.10	\$ 0.09	\$ 0.08	\$ 0.09	MARINETTE, CITY OF
UW-Stevens Point, Marshfield	\$ 0.09	\$ 0.09	\$ 0.10	\$ 0.11	\$ 0.14	\$ 0.18	\$ 0.18	\$ 0.16	\$ 0.16	\$ 0.12	\$ 0.09	MARSHFIELD UTILITIES
UW-Platteville, Richland	\$ 0.17	\$ 0.15	\$ 0.15	\$ 0.18	\$ 0.23	\$ 0.16	\$ 0.19	\$ 0.14	\$ 0.16	\$ 0.13	\$ 0.14	RICHLAND CENTER UTILITIES
UW-Whitewater, Rock	\$ 0.09	\$ 0.07	\$ 0.07	\$ 0.08	\$ 0.09	\$ 0.09	\$ 0.10	\$ 0.11	\$ 0.12	\$ 0.13	\$ 0.14	JANESVILLE, CITY OF
UW-Green Bay, Sheboygan	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	\$ 0.02	SHEBOYGAN WATER UTILITY
UW-Milwaukee, Washington	\$ 0.05	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.04	\$ 0.03	\$ 0.02	\$ 0.02	\$ 0.04	WEST BEND, CITY OF
UW-Milwaukee, Waukesha	\$ 0.08	\$ 0.07	\$ 0.07	\$ 0.07	\$ 0.08	\$ 0.07	\$ 0.10	\$ 0.08	\$ 0.06	\$ 0.08	\$ 0.09	Waukesha Water Utility
	\$ 0.28	\$ 0.29	\$ 0.30	\$ 0.28	\$ 0.33	\$ 0.33	\$ 0.35	\$ 0.35	\$ 0.30	\$ 0.30	\$ 0.33	

FY2020 - FY2023 sum of state facilities water and utility expenditures and water utility data with \$1 million or more annual State Facilities revenue:

Water & Sewer Utility	2020 Expenditur	2021 Expenditur	2022 Expenditur	2023 Expenditur	2023 GSF Served	2023 \$/G\$
Madison Water Utility	\$8,104,889	\$7,424,816	\$8,423,878	\$9,056,120	26,917,193	0.34
City of Oshkosh Water Utility	\$2,917,790	\$2,668,006	\$2,890,713	\$3,176,817	5,162,683	0.62
Waupun Public Utilities	\$1,459,235	\$ 931,053	\$1,066,402	\$1,584,501	1,260,274	1.26
Milwaukee Water Works	\$1,399,032	\$1,214,451	\$1,479,313	\$1,542,647	6,862,350	0.22
Stanley Municipal Waterworks	\$1,172,465	\$1,163,195	\$1,201,847	\$1,235,176	411,897	3.00
City of New Lisbon Electric and Water Utility	\$1,173,390	\$1,042,874	\$1,041,142	\$1,105,044	316,878	3.49
Village of Allouez Water Department	\$1,256,655	\$1,167,923	\$1,074,129	\$1,073,638	1,943,574	0.55
Whitewater Municipal Water Utility	\$ 772,679	\$ 785,898	\$ 959,898	\$1,001,738	3,114,162	0.32
Racine Water Works Commission	\$ 867,581	\$ 834,495	\$ 832,651	\$ 768,260	710,055	1.08
Mendota Well & MMSD Sewer	\$ 527,462	\$ 322,834	\$ 286,684	\$ 556,807	1,320,211	0.42
Platteville Water and Sewer Utility	\$ 489,090	\$ 463,969	\$ 474,004	\$ 543,059	2,233,502	0.24
Stevens Point Municipal Water Utility	\$ 447,212	\$ 386,659	\$ 495,266	\$ 520,710	2,806,271	0.19
Union Grove Municipal Water Utility	\$ 777,473	\$ 416,868	\$ 430,583	\$ 492,787	1,023,235	0.48
River Falls Municipal Utility	\$ 451,442	\$ 349,259	\$ 403,341	\$ 414,994	1,684,447	0.25
Eau Claire Municipal Water Utility	\$ 371,427	\$ 341,427	\$ 399,435	\$ 401,355	2,785,398	0.14
LA CROSSE WATER UTILITY	\$ 307,956	\$ 296,592	\$ 383,565	\$ 398,223	3,255,666	0.12
Superior Water Light And Power Company	\$ 451,484	\$ 372,430	\$ 381,801	\$ 365,709	1,107,876	0.33
Village of Somers Water Utility	\$ 413,781	\$ 349,192	\$ 361,652	\$ 337,616	1,374,576	0.25
Fond Du Lac Water Utility	\$ 405,486	\$ 353,169	\$ 293,308	\$ 332,566	575,017	0.58
Redgranite Water Utility	\$ 311,661	\$ 325,785	\$ 285,162	\$ 277,342	310,135	0.89
City of Menomonie Water Department	\$ 209,836	\$ 192,976	\$ 304,367	\$ 208,312	2,456,060	0.08
Portage Water Utility	\$ 303,582	\$ 237,827	\$ 221,728	\$ 193,843	330,807	0.59
Village of Jackson Water Utility	\$ 200,637	\$ 180,110	\$ 179,077	\$ 193,315	390,613	0.49
VA King Well & Sewer=Waupaca Chain O Lakes	\$ 228,210	\$ 143,011	\$ 138,876	\$ 190,072	733,728	0.26
City of Mauston Municipal Water Utility	\$ 288,803	\$ 161,773	\$ 168,172	\$ 165,192	308,828	0.53
Bridgeport Sanitary Dist	\$ 181,950	\$ 199,227	\$ 156,745	\$ 157,795	383,100	0.41
Chippewa Falls Department of Public Utilities	\$ 128,037	\$ 22,909	\$ 110,888	\$ 131,232	523,226	0.25
Boscobel Municipal Utilities	\$ 124,987	\$ 122,723	\$ 108,658	\$ 112,110	195,000	0.57
Oregon Municipal Water And Sewer Utility	\$ 164,081	\$ 141,223	\$ 142,431	\$ 81,061	348,153	0.23
Janesville Water Utility	\$ 49,465	\$ 45,518	\$ 57,014	\$ 61,468	387,796	0.16
City of Waukesha Water Utility	\$ 45,471	\$ 26,920	\$ 40,207	\$ 43,287	277,016	0.16
Delavan Water and Sewage Commission	\$ 36,710	\$ 17,364	\$ 36,853	\$ 38,831	244,979	0.16
WAUSAU WATER UTILITY	\$ 23,058	\$ 17,454	\$ 23,935	\$ 36,901	327,695	0.11
Rice Lake Municipal Water and Electric Utility	\$ 12,710	\$ 11,782	\$ 27,115	\$ 28,687	146,683	0.20
Wisconsin Rapids Water Works and Lighting Commission	\$ 17,483	\$ 14,058	\$ 22,001	\$ 23,338	51,552	0.45
Ashwaubenon Water And Sewer Utility	\$ 14,053	\$ 12,069	\$ 14,111	\$ 15,969	40,515	0.39
Richland Center Water Utility	\$ 15,180	\$ 16,542	\$ 13,391	\$ 14,995	104,825	0.14
Marshfield Utilities	\$ 24,736	\$ 24,761	\$ 17,730	\$ 14,311	153,555	0.09
Marinette Municipal Water Utility	\$ 13,900	\$ 12,551	\$ 11,580	\$ 12,556	139,818	0.09
City of Baraboo Water Utility	\$ 11,995	\$ 10,354	\$ 12,480	\$ 12,494	179,291	0.07
West Allis Municipal Water Utility	\$ 11,171	\$ 8,162	\$ 8,399	\$ 11,706	31,980	0.37
City of West Bend Water Utility	\$ 5,781	\$ 3,358	\$ 4,081	\$ 7,111	199,117	0.04
Sheboygan Water Utility	\$ 3,963	\$ 3,470	\$ 4,444	\$ 4,718	228,544	0.02
Menasha Electric and Water Utilities	\$ 8,922	\$ 3,217	\$ 3,904	\$ 4,158	277,988	0.01
Manitowoc Public Utilities	\$ 4,752	\$ 3,350	\$ 4,101	\$ 4,078	125,045	0.03
Tomahawk Municipal Water and Sewer Utility	\$ 4,259	\$ 2,423	\$ 2,933	\$ 1,853	36,741	0.05

UW-Madison-Madison Water Utility		3280 AB									
	2015	2016	2017	2018	2019	2020	2021	2022	2023		
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	8,921,090	9,021,090		
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	20,245,886	19,747,890		
KWH per 1000 Gals	1.96	2.08	2.15	2.16	2.11	2.23	2.27	2.27	2.19		
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	\$ 1,911,631	\$ 2,419,199		
Fuel or Power Purchased for Pumping per 1000Gal	\$ 0.2171	\$ 0.2133	\$ 0.2298	\$ 0.2245	\$ 0.2075	\$ 0.2072	\$ 0.2143	\$ 0.2143	\$ 0.2682		
Fuel or Power Purchased for Pumping per kwh	\$ 0.1110	\$ 0.1025	\$ 0.1067	\$ 0.1041	\$ 0.0983	\$ 0.0927	\$ 0.0944	\$ 0.0944	\$ 0.1225		
WI Utility CO2e Emissions CO2lb/1000 Gal	2.93	2.88	3.12	3.01	2.60	2.65	2.83	2.83	2.52		
Water Loss as a percentage of net water supplied	12.00%	13.00%	12.00%	12.00%	13.00%	11.00%	14.00%	14.00%	8.00%		
Residential											
Residential Customers	57,563	57,951	58,341	56,700	57,068	57,493	57,885	60,248	60,591		
Residential 1000 Gals	2,942,225	2,695,315	2,713,945	2,634,319	2,422,501	2,667,672	2,634,059	2,621,165	2,727,128		
Residential Amount	11,211,318	12,419,748	12,290,565	12,493,441	17,685,746	20,007,035	21,555,254	21,284,977	24,917,842		
Residential Rev \$/1000 Gal	\$ 3.81	\$ 4.61	\$ 4.53	\$ 4.74	\$ 7.30	\$ 7.50	\$ 8.18	\$ 8.12	\$ 9.14		
Commercial											
Commercial Customers	2,504	2,501	2,519	2,534	2,546	2,556	2,573	2,581	2,591		
Commercial 1000 Gals	987,979	1,007,760	963,711	940,366	894,605	741,110	760,436	814,938	879,125		
Commercial Amount	2,326,715	3,039,789	2,901,830	2,959,519	4,522,819	3,964,045	4,325,612	4,407,768	5,688,386		
Commercial Rev \$/1000 Gal	\$ 2.36	\$ 3.02	\$ 3.01	\$ 3.15	\$ 5.06	\$ 5.35	\$ 5.69	\$ 5.41	\$ 6.47		
Industrial											
Industrial Customers	48	47	46	47	50	52	54	58	62		
Industrial 1000 Gals	554,360	412,776	250,351	197,963	205,850	204,834	212,309	196,998	200,640		
Industrial Amount	959,928	1,059,706	666,621	531,820	843,297	919,679	1,070,622	992,148	1,135,101		
Industrial Rev \$/1000 Gal	\$ 1.73	\$ 2.57	\$ 2.66	\$ 2.69	\$ 4.10	\$ 4.49	\$ 5.04	\$ 5.04	\$ 5.66		
Public Authority											
Public Authority Customers	476	478	490	481	475	479	480	482	483		
Public Authority 1000 Gals	1,150,229	1,304,450	1,267,843	1,205,838	1,176,100	1,010,543	993,735	1,156,168	1,269,647		
Public Authority Amount	2,848,298	4,502,228	4,397,155	4,357,131	5,971,080	5,286,155	5,357,024	6,123,855	7,489,586		
Public Authority Rev \$/1000 Gal	\$ 2.48	\$ 3.45	\$ 3.47	\$ 3.61	\$ 5.08	\$ 5.23	\$ 5.39	\$ 5.30	\$ 5.90		
Multifamily Residential											
Multifamily Residential Customers	4,151	4,171	4,213	4,259	4,320	4,390	4,464	4,489	4,527		
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	2,148,155	2,240,541		
Multifamily Residential Amount	4,832,371	5,628,654	5,613,411	5,883,892	8,107,000	8,638,819	9,125,543	9,356,210	11,065,431		
Multifamily Residential Rev \$/1000 Gal	\$ 2.57	\$ 2.90	\$ 2.93	\$ 2.98	\$ 4.14	\$ 4.20	\$ 4.54	\$ 4.36	\$ 4.94		
Annual Report Contacts	Name	Address	City	Zip	Phone	Email Address					
Correspond	Kathy Schwenn	119 E Olin Ave	Madison	53713	6082664645	kschwenn@madisonwater.org					
General Manager	January Vang	119 E Olin Ave	Madison	WI	53713	valnelson@mauston.com					
President	Jodi Dobson	4807 Innovate Lane PO Box 7398	Madison	WI	53707-7398						0

4480 UW-Oshkosh-City of Oshkosh Water Utility		AB									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	
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	2,210,157	2,096,646	
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	3,844,000	3,588,200	
KWH per 1000 Gals		1.71	1.92	1.81	1.83	1.74	1.80	1.74	1.74	1.71	
Fuel or Power Purchased for Pumping		\$ 326,497	\$ 316,930	\$ 307,423	\$ 306,695	\$ 281,067	\$ 278,311	\$ 300,660	\$ 300,660	\$ -	
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.1499	\$ 0.1551	\$ 0.1446	\$ 0.1448	\$ 0.1330	\$ 0.1359	\$ 0.1360	\$ 0.1360	\$ -	
Fuel or Power Purchased for Pumping per kwh		\$ 0.0879	\$ 0.0806	\$ 0.0797	\$ 0.0789	\$ 0.0766	\$ 0.0755	\$ 0.0782	\$ 0.0782	\$ -	
WI Utility CO2e Emissions CO2lb/1000 Gal		2.55	2.67	2.63	2.56	2.14	2.14	2.17	2.17	1.97	
Water Loss as a percentage of net water supplied		22.00%	16.00%	20.00%	20.00%	10.00%	21.00%	27.00%	27.00%	18.00%	
Residential											
Residential Customers		20,413	20,569	20,585	20,823	20,948	20,809	21,090	20,902	21,472	
Residential 1000 Gals		750,044	735,845	721,433	724,861	818,076	721,947	704,664	689,542	728,728	
Residential Amount		6,330,513	6,488,961	6,727,495	6,810,046	6,953,825	7,154,784	6,927,389	6,869,021	7,795,536	
Residential Rev \$/1000 Gal		\$ 8.44	\$ 8.82	\$ 9.33	\$ 9.39	\$ 8.50	\$ 9.91	\$ 9.83	\$ 9.96	\$ 10.70	
Commercial											
Commercial Customers		1,983	1,992	2,001	2,020	2,045	2,026	2,056	2,127	2,108	
Commercial 1000 Gals		317,203	332,036	336,108	346,223	396,905	303,865	323,779	339,230	353,583	
Commercial Amount		2,046,098	2,196,558	2,348,607	2,428,600	2,501,169	2,251,943	2,386,982	2,503,212	2,857,839	
Commercial Rev \$/1000 Gal		\$ 6.45	\$ 6.62	\$ 6.99	\$ 7.01	\$ 6.30	\$ 7.41	\$ 7.37	\$ 7.38	\$ 8.08	
Industrial											
Industrial Customers		120	119	118	118	115	114	114	115	115	
Industrial 1000 Gals		196,895	203,738	197,987	197,012	197,696	182,604	189,952	178,291	170,602	
Industrial Amount		1,067,434	1,137,021	1,153,619	1,171,145	1,138,586	1,137,699	1,163,361	1,109,007	1,161,072	
Industrial Rev \$/1000 Gal		\$ 5.42	\$ 5.58	\$ 5.83	\$ 5.94	\$ 5.76	\$ 6.23	\$ 6.12	\$ 6.22	\$ 6.81	
Public Authority											
Public Authority Customers		295	295	300	301	279	277	278	272	279	
Public Authority 1000 Gals		239,184	246,132	243,281	244,142	266,994	207,514	210,689	212,117	232,257	
Public Authority Amount		1,332,966	1,432,490	1,516,355	1,526,711	1,571,422	1,355,814	1,386,629	1,418,362	1,680,982	
Public Authority Rev \$/1000 Gal		\$ 5.57	\$ 5.82	\$ 6.23	\$ 6.25	\$ 5.89	\$ 6.53	\$ 6.58	\$ 6.69	\$ 7.24	
Multifamily Residential											
Multifamily Residential Customers		571	563	569	570	568	564	568	563	570	
Multifamily Residential 1000 Gals		172,988	173,246	174,921	171,662	199,455	171,367	162,975	161,315	162,077	
Multifamily Residential Amount		1,082,215	1,125,739	1,207,325	1,181,407	1,240,420	1,257,816	1,204,113	1,200,611	1,303,762	
Multifamily Residential Rev \$/1000 Gal		\$ 6.26	\$ 6.50	\$ 6.90	\$ 6.88	\$ 6.22	\$ 7.34	\$ 7.39	\$ 7.44	\$ 8.04	
Annual Report Contacts		Name	Address	City	Zip	Phone	Email Address				
Correspond		KEN GABRIELSON	215 CHURCH AVE	OSHKOSH	54903	9202325321	KGABRIELSON@CI.OSHKOSH.WI.US				
General Manager		KEN GABRIELSON	215 CHURCH AVE	OSHKOSH	WI	54903	horners@platteville.org				
President		GREG PITEL, CPA	487 Riverwood Lane	Green Bay	WI	54313					

DOC-Waupun-Waupun Public Utilities		6290 AB									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	
Finished Water pumped or purchased (000s)		273,668	253,283	237,620	251,768	236,179	196,571	177,978	177,978	189,180	
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	998,977	1,068,474	
KWH per 1000 Gals		5.47	5.25	5.46	5.44	5.35	5.58	5.61	5.61	5.65	
Fuel or Power Purchased for Pumping		\$ 93,186	\$ 83,551	\$ 85,070	\$ 93,540	\$ 87,127	\$ 79,429	\$ 79,203	\$ 79,203	\$ 80,846	
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.3405	\$ 0.3299	\$ 0.3580	\$ 0.3715	\$ 0.3689	\$ 0.4041	\$ 0.4450	\$ 0.4450	\$ 0.4273	
Fuel or Power Purchased for Pumping per kwh		\$ 0.0622	\$ 0.0628	\$ 0.0656	\$ 0.0683	\$ 0.0689	\$ 0.0724	\$ 0.0793	\$ 0.0793	\$ 0.0757	
WI Utility CO2e Emissions CO2lb/1000 Gal		8.20	7.27	7.91	7.58	6.60	6.63	6.99	6.99	6.49	
Water Loss as a percentage of net water supplied		36.00%	32.00%	15.00%	31.00%	24.00%	12.00%	4.00%	4.00%	4.00%	
Residential											
Residential Customers		2,964	2,964	2,971	2,977	2,990	3,007	3,021	3,031	3,036	
Residential 1000 Gals		99,439	98,923	98,404	99,180	102,175	102,659	100,592	98,254	100,775	
Residential Amount		1,194,821	1,190,794	1,187,710	1,196,513	1,221,023	1,227,399	1,215,021	1,200,343	1,222,242	
Residential Rev \$/1000 Gal		\$ 12.02	\$ 12.04	\$ 12.07	\$ 12.06	\$ 11.95	\$ 11.96	\$ 12.08	\$ 12.22	\$ 12.13	
Commercial											
Commercial Customers		285	283	285	272	270	268	269	268	270	
Commercial 1000 Gals		18,728	18,920	18,691	24,291	25,909	23,601	24,848	27,657	26,730	
Commercial Amount		185,111	185,733	185,212	214,867	225,191	208,399	218,667	235,895	233,403	
Commercial Rev \$/1000 Gal		\$ 9.88	\$ 9.82	\$ 9.91	\$ 8.85	\$ 8.69	\$ 8.83	\$ 8.80	\$ 8.53	\$ 8.73	
Industrial											
Industrial Customers		13	13	13	10	10	10	10	10	10	
Industrial 1000 Gals		18,706	20,435	18,526	11,767	13,448	12,851	11,263	18,570	21,543	
Industrial Amount		117,244	125,579	115,871	75,482	83,933	80,661	71,390	107,977	124,831	
Industrial Rev \$/1000 Gal		\$ 6.27	\$ 6.15	\$ 6.25	\$ 6.41	\$ 6.24	\$ 6.28	\$ 6.34	\$ 5.81	\$ 5.79	
Public Authority											
Public Authority Customers		19	19	18	35	37	37	37	37	37	
Public Authority 1000 Gals		4,337	4,254	4,357	5,583	5,785	3,708	4,714	5,232	6,132	
Public Authority Amount		40,038	38,684	37,337	50,347	51,666	38,722	45,092	48,496	51,848	
Public Authority Rev \$/1000 Gal		\$ 9.23	\$ 9.09	\$ 8.57	\$ 9.02	\$ 8.93	\$ 10.44	\$ 9.57	\$ 9.27	\$ 8.46	
Multifamily Residential											
Multifamily Residential Customers		76	76	76	76	77	78	80	85	95	
Multifamily Residential 1000 Gals		22,247	21,042	21,941	22,482	20,450	21,459	22,189	23,009	23,008	
Multifamily Residential Amount		178,074	170,400	175,994	180,382	166,696	177,225	179,919	186,193	188,374	
Multifamily Residential Rev \$/1000 Gal		\$ 8.00	\$ 8.10	\$ 8.02	\$ 8.02	\$ 8.15	\$ 8.26	\$ 8.11	\$ 8.09	\$ 8.19	
Annual Report Contacts											
Correspond	Name	Jeff Stanek	817 South Madison Street	Waupun	53963	9203247920	jstanek@waupunutilities.org				
General Manager	Name	Jeff Stanek	817 South Madison Street	Waupun	WI	53963	jtrautman@westonwi.gov				
President	Name	Aaron Worthman	4807 Innovate Ln	Madison	WI	53718				0	

3720 UW-Milwaukee-Milwaukee Water Works		AB									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	
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	33,843,470	34,578,350	
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	63,863,319	64,934,248	
KWH per 1000 Gals		1.81	1.78	1.83	1.77	1.73	1.86	1.89	1.89	1.88	
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	\$ 6,405,633	\$ 6,623,345	
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.1606	\$ 0.1533	\$ 0.1567	\$ 0.1468	\$ 0.1460	\$ 0.1571	\$ 0.1893	\$ 0.1893	\$ 0.1915	
Fuel or Power Purchased for Pumping per kwh		\$ 0.0887	\$ 0.0861	\$ 0.0857	\$ 0.0830	\$ 0.0845	\$ 0.0846	\$ 0.1003	\$ 0.1003	\$ 0.1020	
WI Utility CO2e Emissions CO2lb/1000 Gal		2.71	2.47	2.65	2.46	2.13	2.20	2.35	2.35	2.16	
Water Loss as a percentage of net water supplied		21.00%	19.00%	19.00%	22.00%	21.00%	19.00%	22.00%	22.00%	26.00%	
Residential											
Residential Customers		138,114	137,853	137,623	137,449	137,249	137,819	137,846	137,730	139,603	
Residential 1000 Gals		8,940,387	8,861,336	8,593,075	8,514,139	8,353,325	8,488,858	8,329,328	8,000,284	8,028,045	
Residential Amount		32,991,815	33,081,431	33,368,743	34,017,411	33,613,564	35,045,706	34,643,090	33,652,328	36,182,349	
Residential Rev \$/1000 Gal		\$ 3.69	\$ 3.73	\$ 3.88	\$ 4.00	\$ 4.02	\$ 4.13	\$ 4.16	\$ 4.21	\$ 4.51	
Commercial											
Commercial Customers		13,857	12,788	12,384	12,383	12,471	12,554	12,600	12,516	13,732	
Commercial 1000 Gals		7,150,758	5,265,290	4,996,134	4,981,519	4,808,626	4,215,643	4,413,519	4,545,839	4,668,464	
Commercial Amount		21,338,115	15,975,104	15,352,237	15,763,742	15,296,846	14,168,060	14,750,967	15,212,359	17,772,067	
Commercial Rev \$/1000 Gal		\$ 2.98	\$ 3.03	\$ 3.07	\$ 3.16	\$ 3.18	\$ 3.36	\$ 3.34	\$ 3.35	\$ 3.81	
Industrial											
Industrial Customers		1,384	1,355	1,313	1,295	1,296	1,302	1,291	1,285	1,499	
Industrial 1000 Gals		3,181,194	3,150,200	3,159,837	3,231,728	2,859,866	2,621,427	2,753,671	2,753,243	2,622,460	
Industrial Amount		6,419,166	6,383,048	6,580,248	6,858,015	6,149,943	5,784,785	5,987,677	6,013,544	6,809,879	
Industrial Rev \$/1000 Gal		\$ 2.02	\$ 2.03	\$ 2.08	\$ 2.12	\$ 2.15	\$ 2.21	\$ 2.17	\$ 2.18	\$ 2.60	
Public Authority											
Public Authority Customers		504	495	462	460	459	461	461	453	611	
Public Authority 1000 Gals		875,755	880,637	854,916	817,511	771,343	713,931	721,385	709,877	733,116	
Public Authority Amount		2,100,139	2,176,637	2,158,382	2,107,763	2,017,648	1,887,535	1,902,006	1,920,879	2,283,376	
Public Authority Rev \$/1000 Gal		\$ 2.40	\$ 2.47	\$ 2.52	\$ 2.58	\$ 2.62	\$ 2.64	\$ 2.64	\$ 2.71	\$ 3.11	
Multifamily Residential											
Multifamily Residential Customers		7,739	8,823	8,816	8,809	8,777	8,778	8,767	8,762	9,038	
Multifamily Residential 1000 Gals		853,554	2,743,666	2,942,539	2,902,716	2,857,729	2,913,131	2,868,402	2,819,555	2,786,516	
Multifamily Residential Amount		2,565,254	8,375,394	9,102,666	9,257,189	9,207,124	9,641,924	9,507,699	9,358,808	9,944,837	
Multifamily Residential Rev \$/1000 Gal		\$ 3.01	\$ 3.05	\$ 3.09	\$ 3.19	\$ 3.22	\$ 3.31	\$ 3.31	\$ 3.32	\$ 3.57	
Annual Report Contacts											
Correspond	Name	Address			City	Zip	Phone	Email Address			
	Terry Ignatowski	841 N Broadway - Room 409			Milwaukee	53202	4142862927	Terry.M.ignatowski@milwaukee.gov			
General Manager	Terry Ignatowski	841 N Broadway - Room 409			Milwaukee	WI	53202	ddoherty@villageofmukwonago.gov			
President	Megan Cahill	Ten Terrace Ct PO Box 7398			Madison	WI	53707				

DOC-Stanley-Stanley Municipal Waterworks		5670		C		2015	2016	2017	2018	2019	2020	2021	2022	2023
Finished Water pumped or purchased (000s)		272,751	296,805	290,430	283,295	294,308	296,464	287,921	287,921	287,921	287,921	287,921	287,921	300,409
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	374,949	374,949	374,949	374,949	374,949	438,217
KWH per 1000 Gals		1.27	1.26	1.30	1.44	1.35	1.31	1.30	1.30	1.30	1.30	1.30	1.30	1.46
Fuel or Power Purchased for Pumping		\$ 39,037	\$ 38,198	\$ 45,007	\$ 48,961	\$ 46,562	\$ 41,320	\$ 50,375	\$ 50,375	\$ 50,375	\$ 50,375	\$ 50,375	\$ 50,375	\$ 51,543
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.1431	\$ 0.1287	\$ 0.1550	\$ 0.1728	\$ 0.1582	\$ 0.1394	\$ 0.1750	\$ 0.1750	\$ 0.1750	\$ 0.1750	\$ 0.1750	\$ 0.1750	\$ 0.1716
Fuel or Power Purchased for Pumping per kwh		\$ 0.1130	\$ 0.1025	\$ 0.1189	\$ 0.1201	\$ 0.1170	\$ 0.1064	\$ 0.1344	\$ 0.1344	\$ 0.1344	\$ 0.1344	\$ 0.1344	\$ 0.1344	\$ 0.1176
WI Utility CO2e Emissions CO2lb/1000 Gal		1.90	1.74	1.89	2.01	1.67	1.56	1.62	1.62	1.62	1.62	1.62	1.62	1.68
Water Loss as a percentage of net water supplied		4.00%	6.00%	6.00%	5.00%	15.00%	11.00%							1.00%
Residential														
Residential Customers		875	771	943	900	877	866	788	788	788	787	787	787	803
Residential 1000 Gals		26,756	25,365	25,858	25,257	24,336	26,037	27,075	27,075	26,099	26,099	26,099	26,099	26,599
Residential Amount		202,050	212,368	224,717	246,441	246,773	252,923	263,559	263,559	260,133	260,133	260,133	260,133	260,129
Residential Rev \$/1000 Gal		\$ 7.55	\$ 8.37	\$ 8.69	\$ 9.76	\$ 10.14	\$ 9.71	\$ 9.73	\$ 9.73	\$ 9.71	\$ 9.71	\$ 9.73	\$ 9.97	\$ 9.78
Commercial														
Commercial Customers		107	100	105	103	101	96	91	91	96	88	88	88	88
Commercial 1000 Gals		7,062	6,881	7,056	6,472	6,612	7,272	6,551	6,551	6,629	6,629	6,629	6,629	5,894
Commercial Amount		46,192	49,041	51,752	49,376	53,753	56,258	51,492	51,492	51,457	51,457	51,457	51,457	47,594
Commercial Rev \$/1000 Gal		\$ 6.54	\$ 7.13	\$ 7.33	\$ 7.63	\$ 8.13	\$ 7.74	\$ 7.86	\$ 7.86	\$ 7.74	\$ 7.74	\$ 7.86	\$ 7.76	\$ 8.07
Industrial														
Industrial Customers		16	17	11	11	9	10	18	18	10	18	18	18	19
Industrial 1000 Gals		215,413	228,749	5,210	5,890	5,050	5,213	141,099	141,099	5,213	134,344	134,344	134,344	128,339
Industrial Amount		888,369	1,016,031	476,120	32,436	30,592	36,060	695,091	695,091	36,060	662,764	662,764	662,764	633,181
Industrial Rev \$/1000 Gal		\$ 4.12	\$ 4.44	\$ 91.39	\$ 5.51	\$ 6.06	\$ 6.92	\$ 4.93	\$ 4.93	\$ 6.92	\$ 4.93	\$ 4.93	\$ 4.93	\$ 4.93
Public Authority														
Public Authority Customers		27	29	37	38	30	29	26	26	29	29	26	29	31
Public Authority 1000 Gals		6,582	5,377	224,879	226,366	208,881	219,369	86,121	86,121	219,369	90,583	90,583	90,583	96,185
Public Authority Amount		33,164	34,252	623,580	1,266,474	1,243,401	1,222,725	598,888	598,888	1,222,725	618,754	618,754	618,754	660,004
Public Authority Rev \$/1000 Gal		\$ 5.04	\$ 6.37	\$ 2.77	\$ 5.59	\$ 5.95	\$ 5.57	\$ 6.95	\$ 6.95	\$ 5.57	\$ 6.83	\$ 6.83	\$ 6.83	\$ 6.86
Multifamily Residential														
Multifamily Residential Customers		15	15	17	14	14	16	14	14	16	17	17	17	18
Multifamily Residential 1000 Gals		4,012	3,543	3,315	3,340	3,569	4,863	4,283	4,283	4,863	3,486	3,486	3,486	4,580
Multifamily Residential Amount		23,977	22,754	22,961	27,857	32,801	36,163	34,634	34,634	36,163	30,120	30,120	30,120	38,069
Multifamily Residential Rev \$/1000 Gal		\$ 5.98	\$ 6.42	\$ 6.93	\$ 8.34	\$ 9.19	\$ 7.44	\$ 8.09	\$ 8.09	\$ 7.44	\$ 8.64	\$ 8.64	\$ 8.64	\$ 8.31
Annual Report Contacts		Name	Address	City	Zip	Phone	Email Address							
Correspond		Nicole Thiel	P.O Box 155	Stanley	54768	7156445768	clerk@stanleywisconsin.us							
General Manager		Nicole Pilgrim	P.O Box 155	Stanley	WI	54768	villageoftaylor@trwest.net							
President		Baker Tilly US, LLP	3410 Oakwood Mall Dr Suite 200	Eau Claire	WI	54701								

DOC-New Lisbon-City of New Lisbon Electric and 4120 C		2015	2016	2017	2018	2019	2020	2021	2022	2023
Finished Water pumped or purchased (000s)		77,824	77,485	78,558	84,167	80,633	76,994	76,745	76,745	74,631
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	119,353	117,194
KWH per 1000 Gals		1.47	1.50	1.65	1.72	1.65	1.73	1.56	1.56	1.57
Fuel or Power Purchased for Pumping		\$ 13,035	\$ 12,946	\$ 12,659	\$ 14,935	\$ 12,350	\$ 14,220	\$ 13,194	\$ 13,194	\$ 16,269
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.1675	\$ 0.1671	\$ 0.1611	\$ 0.1774	\$ 0.1532	\$ 0.1847	\$ 0.1719	\$ 0.1719	\$ 0.2180
Fuel or Power Purchased for Pumping per kwh		\$ 0.1141	\$ 0.1114	\$ 0.0975	\$ 0.1029	\$ 0.0930	\$ 0.1070	\$ 0.1105	\$ 0.1105	\$ 0.1388
WI Utility CO2e Emissions CO2lb/1000 Gal		2.20	2.08	2.40	2.40	2.03	2.05	1.94	1.94	1.80
Water Loss as a percentage of net water supplied		4.00%	5.00%	1.00%	1.00%	3.00%	4.00%	6.00%	6.00%	8.00%
Residential										
Residential Customers		449	442	436	436	456	458	462	466	477
Residential 1000 Gals		14,821	14,900	14,752	15,673	14,861	15,205	14,640	14,613	15,180
Residential Amount		131,846	136,944	155,210	165,331	161,277	167,534	164,100	165,247	171,980
Residential Rev \$/1000 Gal		\$ 8.90	\$ 9.19	\$ 10.52	\$ 10.55	\$ 10.85	\$ 11.02	\$ 11.21	\$ 11.31	\$ 11.33
Commercial										
Commercial Customers		36	37	66	66	64	73	66	65	62
Commercial 1000 Gals		6,444	6,090	12,277	13,071	11,832	10,626	11,626	11,155	11,521
Commercial Amount		81,681	34,163	80,758	88,713	80,691	74,444	80,665	78,580	80,442
Commercial Rev \$/1000 Gal		\$ 12.68	\$ 5.61	\$ 6.58	\$ 6.79	\$ 6.82	\$ 7.01	\$ 6.94	\$ 7.04	\$ 6.98
Industrial										
Industrial Customers		17	17	14	10	13	16	14	11	10
Industrial 1000 Gals		4,902	4,175	2,478	2,118	1,822	1,201	1,802	1,359	2,086
Industrial Amount		25,926	23,647	16,657	16,331	13,339	10,603	13,140	11,108	14,612
Industrial Rev \$/1000 Gal		\$ 5.29	\$ 5.66	\$ 6.72	\$ 7.71	\$ 7.32	\$ 8.83	\$ 7.29	\$ 8.18	\$ 7.01
Public Authority										
Public Authority Customers		23	23	22	23	24	28	24	24	23
Public Authority 1000 Gals		35,391	34,990	36,682	37,935	37,045	38,333	35,588	34,987	32,020
Public Authority Amount		17,366	115,602	177,878	201,452	197,056	204,244	190,898	187,862	175,598
Public Authority Rev \$/1000 Gal		\$ 0.49	\$ 3.30	\$ 4.85	\$ 5.31	\$ 5.32	\$ 5.33	\$ 5.36	\$ 5.37	\$ 5.48
Multifamily Residential										
Multifamily Residential Customers		18	18	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	5,050	4,855
Multifamily Residential Amount		32,582	34,216	43,040	50,874	48,943	40,412	43,073	35,527	35,368
Multifamily Residential Rev \$/1000 Gal		\$ 5.27	\$ 5.47	\$ 6.19	\$ 6.33	\$ 6.37	\$ 6.74	\$ 6.52	\$ 7.04	\$ 7.28
Annual Report Contacts										
Correspond	Name	JENNIE WILHORN	232 WEST PLEASANT STREET	NEW LISBON	NEW LISBON	53950	6085623103	NLUTL2@MWT.NET	Email Address	
General Manager	Name	Jennie Wilhorn	232 West Pleasant Street	New Lisbon	Wi	53950	53950	jkiesling@omro-wi.com	Email Address	
President	Name	Joe Haas	500 South Second Street; Suite 200	La Crosse	Wi	54601	54601			0

DOC-Green Bay-Village of Allouez Water		70	AB							
		2015	2016	2017	2018	2019	2020	2021	2022	2023
Finished Water pumped or purchased (000s)		417,362	389,759	380,464	402,567	398,950	399,596	376,839	376,839	358,256
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	90,858	97,711
KWH per 1000 Gals		0.29	0.28	0.26	0.25	0.28	0.22	0.24	0.24	0.27
Fuel or Power Purchased for Pumping		\$ 17,376	\$ 12,497	\$ 12,437	\$ 12,831	\$ 14,426	\$ 10,961	\$ 11,540	\$ 11,540	\$ 19,518
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.0416	\$ 0.0321	\$ 0.0327	\$ 0.0319	\$ 0.0362	\$ 0.0274	\$ 0.0306	\$ 0.0306	\$ 0.0545
Fuel or Power Purchased for Pumping per kwh		\$ 0.1417	\$ 0.1125	\$ 0.1267	\$ 0.1254	\$ 0.1292	\$ 0.1254	\$ 0.1270	\$ 0.1270	\$ 0.1998
WI Utility CO2e Emissions CO2lb/1000 Gal		0.44	0.39	0.37	0.35	0.35	0.26	0.30	0.30	0.31
Water Loss as a percentage of net water supplied		17.00%	13.00%	15.00%	17.00%	20.00%	10.00%	17.00%	17.00%	20.00%
Residential										
Residential Customers		5,245	5,246	5,255	5,298	5,308	5,314	5,325	5,332	5,334
Residential 1000 Gals		222,977	216,658	203,461	208,402	200,044	233,592	210,892	203,587	208,083
Residential Amount		1,844,636	2,003,366	1,979,738	1,993,307	1,919,486	2,267,748	2,080,973	2,191,990	2,227,816
Residential Rev \$/1000 Gal		\$ 8.27	\$ 9.25	\$ 9.73	\$ 9.56	\$ 9.60	\$ 9.71	\$ 9.87	\$ 10.77	\$ 10.71
Commercial										
Commercial Customers		211	212	212	211	213	210	197	193	192
Commercial 1000 Gals		44,553	45,368	45,058	43,620	44,255	42,403	39,446	38,315	40,765
Commercial Amount		316,558	362,596	374,534	362,483	356,477	365,859	342,328	357,124	374,601
Commercial Rev \$/1000 Gal		\$ 7.11	\$ 7.99	\$ 8.31	\$ 8.31	\$ 8.06	\$ 8.63	\$ 8.68	\$ 9.32	\$ 9.19
Industrial										
Industrial Customers										
Industrial 1000 Gals										
Industrial Amount										
Industrial Rev \$/1000 Gal										
Public Authority										
Public Authority Customers		27	27	27	26	26	23	24	24	23
Public Authority 1000 Gals		68,533	68,265	66,791	71,279	67,704	72,417	54,890	38,576	36,140
Public Authority Amount		383,290	462,645	493,866	501,912	473,669	519,466	400,382	314,903	292,625
Public Authority Rev \$/1000 Gal		\$ 5.59	\$ 6.78	\$ 7.39	\$ 7.04	\$ 7.00	\$ 7.17	\$ 7.29	\$ 8.16	\$ 8.10
Multifamily Residential										
Multifamily Residential Customers		15	15	15	15	15	8	17	17	18
Multifamily Residential 1000 Gals		7,093	7,490	7,605	7,688	7,070	8,046	7,996	9,304	8,801
Multifamily Residential Amount		49,190	52,770	61,399	60,877	56,746	66,041	64,080	78,237	77,155
Multifamily Residential Rev \$/1000 Gal		\$ 6.94	\$ 7.05	\$ 8.07	\$ 7.92	\$ 8.03	\$ 8.21	\$ 8.01	\$ 8.41	\$ 8.77
Annual Report Contacts		Name	Address	City	Zip	Phone	Email Address			
Correspond		Julie Beauchamp	1900 Libal Street	Green Bay	54301	9204482800	julieb@villageofallouez.com			
General Manager		Julie Beauchamp	1900 Libal Street	Green Bay	WI	54301	cityalma277@gmail.com			
President		Leah Lasecki	1175 Lombardi Avenue	Green Bay	WI	54304				

UW-Whitewater-Whitewater Municipal Water		C									
		2015	2016	2017	2018	2019	2020	2021	2022	2023	
Finished Water pumped or purchased (000s)		564,081	652,983	577,475	590,710	630,674	612,392	642,010	642,010	661,483	
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	1,758,984	1,812,282	
KWH per 1000 Gals		1.89	1.84	1.88	1.92	1.87	2.74	2.74	2.74	2.74	
Fuel or Power Purchased for Pumping		\$ 145,673	\$ 164,776	\$ 143,815	\$ 146,239	\$ 158,742	\$ 158,749	\$ 179,531	\$ 179,531	\$ 209,015	
Fuel or Power Purchased for Pumping per 1000Gal		\$ 0.2582	\$ 0.2523	\$ 0.2490	\$ 0.2476	\$ 0.2517	\$ 0.2592	\$ 0.2796	\$ 0.2796	\$ 0.3160	
Fuel or Power Purchased for Pumping per kwh		\$ 0.1369	\$ 0.1370	\$ 0.1323	\$ 0.1292	\$ 0.1344	\$ 0.0946	\$ 0.1021	\$ 0.1021	\$ 0.1153	
WI Utility CO2e Emissions CO2lb/1000 Gal		2.83	2.55	2.73	2.67	2.31	3.25	3.41	3.41	3.15	
Water Loss as a percentage of netwater supplied		8.00%	11.00%	3.00%	3.00%	8.00%	6.00%	7.00%	7.00%	7.00%	
Residential											
Residential Customers		1,549	3,137	3,179	3,147	3,213	3,170	3,173	1,594	3,215	
Residential 1000 Gals		52,999	124,673	123,880	122,612	123,810	126,915	129,442	64,610	128,885	
Residential Amount		257,620	518,539	522,905	533,427	538,479	582,693	668,694	336,185	781,067	
Residential Rev \$/1000 Gal		\$ 4.86	\$ 4.16	\$ 4.22	\$ 4.35	\$ 4.35	\$ 4.59	\$ 5.17	\$ 5.20	\$ 6.06	
Commercial											
Commercial Customers		145	293	295	289	315	288	279	157	303	
Commercial 1000 Gals		42,812	82,433	28,797	28,158	29,403	26,113	27,297	13,641	32,573	
Commercial Amount		48,390	93,454	89,471	88,898	90,350	90,906	107,980	53,393	137,391	
Commercial Rev \$/1000 Gal		\$ 1.13	\$ 1.13	\$ 3.11	\$ 3.16	\$ 3.07	\$ 3.48	\$ 3.96	\$ 3.91	\$ 4.22	
Industrial											
Industrial Customers		22	44	44	40	42	34	34	19	35	
Industrial 1000 Gals		103,025	234,043	233,832	260,942	283,236	293,943	298,678	162,506	232,326	
Industrial Amount		157,087	428,271	354,056	398,998	440,419	502,954	590,759	320,152	573,155	
Industrial Rev \$/1000 Gal		\$ 1.52	\$ 1.83	\$ 1.51	\$ 1.53	\$ 1.55	\$ 1.71	\$ 1.98	\$ 1.97	\$ 2.47	
Public Authority											
Public Authority Customers		62	126	119	106	123	87	87	46	85	
Public Authority 1000 Gals		40,292	86,720	76,225	72,331	70,415	53,153	63,743	33,970	68,891	
Public Authority Amount		87,654	181,039	167,998	161,154	164,093	142,540	190,060	100,588	238,192	
Public Authority Rev \$/1000 Gal		\$ 2.18	\$ 2.09	\$ 2.20	\$ 2.23	\$ 2.33	\$ 2.68	\$ 2.98	\$ 2.96	\$ 3.46	
Multifamily Residential											
Multifamily Residential Customers		50	102	103	102	107	100	105	53	103	
Multifamily Residential 1000 Gals		9,353	50,379	50,330	48,764	53,106	54,433	52,881	26,165	51,351	
Multifamily Residential Amount		60,507	120,722	115,036	114,881	123,756	138,808	160,160	80,341	185,261	
Multifamily Residential Rev \$/1000 Gal		\$ 6.47	\$ 2.40	\$ 2.29	\$ 2.36	\$ 2.33	\$ 2.55	\$ 3.03	\$ 3.07	\$ 3.61	
Annual Report Contacts		Name	Address	City	Zip	Phone	Email Address				
Correspond	STEVE HATTON	312 W WHITEWATER ST	WHITEWATER	53190	2624731381	shatton@whitewater-wi.gov					
General Manager	Karen Dieter	312 W Whitewater St	Whitewater	WI	53190	TCoenen@wrightstown.us					
President	KEVIN KRYSINSKI	9701 BRADER WAY SUITE 202	MIDDLETON	WI	53562					0	