



BOARD OF WATERWORKS COMMISSIONERS AGENDA

May 15, 2023 at 3:30 PM

Water Utility Admin Office, 72 Park Avenue, Sheboygan WI

Persons with disabilities who need accommodations to attend this meeting should contact the Sheboygan Water Utility, (920) 459-3805. Persons other than commission, committee, and board members who wish to participate remotely shall provide notice to the Utility at 920-459-3805 at least 24 hours before the meeting so that the person may be provided a remote link for that purpose.

OPENING OF MEETING

1. Pledge of Allegiance

MINUTES

2. Approve minutes of the April 17, 2023 meeting

REPORTS

- [3.](#) Financial reports and approval of vouchers
- [4.](#) Superintendent's report including operations, construction-maintenance, and customer relations/fiscal, and RWI

ITEMS FOR DISCUSSION AND POSSIBLE ACTION

- [5.](#) Request Board approval of apparent low bid for LSL work on N. 15th and N. 16th Streets
- [6.](#) Request Board approval of Alliant proposal for burial of electrical lines
- [7.](#) Review 2022 WI PSC annual report

PERSONNEL

NEXT MEETING

8. Next meeting will take place on: June 19, 2023

ADJOURN

9. Motion to Adjourn

In compliance with Wisconsin's Open Meetings Law, this agenda was posted in the following locations more than 24 hours prior to the time of the meeting:

*City Hall • Mead Public Library
Sheboygan County Administration Building • City's website*



REPORT OF BILLING

APRIL 2023

	<u>2023</u>	<u>2022</u>	Increase or (Decrease)
<u>Quarterly Metered*</u>			
(Dist II - between Union and Superior Ave.)			
Residential	192,353.00	192,635.89	(282.89)
Multi-Family	27,220.09	28,036.77	(816.68)
Commercial	62,431.43	61,546.25	885.18
Industrial	6,807.48	5,498.79	1,308.69
Public	<u>9,379.91</u>	<u>8,862.78</u>	<u>517.13</u>
Subtotal	298,191.91	296,580.48	1,611.43

* Billing for scheduled district only for the three preceding months usage.

Public Fire Protection	70,264.65	69,414.33	850.32
Monthly Metered	<u>374,838.24</u>	<u>366,383.82</u>	<u>8,454.42</u>
Sheboygan Net	743,294.80	732,378.63	10,916.17
Sheboygan Falls	47,830.00	47,208.40	621.60
Kohler	<u>28,592.38</u>	<u>28,681.99</u>	<u>(89.61)</u>
Total	819,717.18	808,269.02	11,448.16

Total accumulative billing for 2023 is \$3,191,013.20. An increase of \$36,253.09 from 2022 accounted for as follows:

	<u>2023 Total Year to Date</u>
Sheboygan	49,972.96
Sheboygan Falls	(10,057.81)
Kohler	<u>(3,662.06)</u>
	36,253.09

Total bills mailed April, 2023: 6,383

Residential	5,303	Wholesale	5
Multi-Family	111	Multi-Family	9
Commercial	778	Commercial	20
Industrial	34	Industrial	65
Public	54	Public	4
Quarterly	6,280	Monthly	103



RETURN ON RATE BASE

April 30, 2023

	APRIL 2023	APRIL 2022
<u>Add 2 YR Average</u>		
Utility Plant Balance	\$ 76,654,409	\$ 69,582,718
Materials and Supplies Inventory	\$ 267,678	\$ 277,041
<u>Less 2 YR Average</u>		
Reserve for Depreciation	\$ 25,609,913	\$ 24,167,240
Customer Adv for Const	\$ 1,564	\$ 1,564
Average Rate Base	\$ 51,310,610	\$ 45,690,956
Net Operating Income YTD	\$ 284,767	\$ 485,172
Net Operating Income As a Percent of Average Net Rate Base	<u>0.55%</u>	<u>1.06%</u>

Rate base is calculated using the two year average balance in the following accounts:

Utility Plant Balance - includes all capital assets less any contributed capital assets.

Materials and Supplies Inventory - includes all materials and supplies on hand and in inventory.

Reserve for Depreciation - includes depreciation on capital assets less any contributed capital assets.



CASH RESERVE

April 30, 2023

Ending balance on report for March 31, 2023	<u>12,594,347.80</u>
Plus: Receipts	700,115.94
Misc Receipts	130,093.46
Direct Pay Receipts	402,080.20
Stop Loss Reimbursement	-
Money Market/CDARs Investment Interest	5,590.47
Minus:	
Disbursements - vendors and payroll	(854,821.43)
Bank Service Fees	(192.75)
Health & Dental Claims/Adm Costs	(77,627.54)
NSF Checks & Customer Refunds	(891.64)
Invoice Cloud/Paymentech Deposit Fees	(8,923.02)
Reallocate Sewer/Garbage - payments	13.63
Reallocate Sewer/Garbage - monthly	(121.39)
SDWL LSL Reimbursement	43,163.75
SDWL RWI Reimbursement	621,082.64
Automated Credit Card Payments	(3,306.66)
Postage	(5,000.00)
Utility Water Payments	(10,615.41)
Ending Balance April 30, 2023	<u>\$ 13,534,988.05</u>

Note: The above amount includes:	
Bond Reserve Fund	644,319.88
LSL Revolving Loan Fund	243,308.16
Money Market Investment	4,013,434.73
ARPA Money Market Restricted - RWI	3,380,928.34
	-
Total	<u>\$ 8,281,991.11</u>
General Unrestricted Operating Cash	5,252,996.94



STATEMENT OF NET POSITION
APRIL 30, 2023 AND 2022

<u>Assets and Other Debits Utility Plant</u>	<u>Year to Date 2023</u>	<u>Year to Date 2022</u>	<u>Liabilities and Other Credits</u>	<u>Year to Date 2023</u>	<u>Year to Date 2022</u>
			<u>Proprietary Capital</u>		
Utility Plant	90,519,061	78,663,872	Capital Paid by Municipal	1,640,701	1,640,701
Depreciation- Utility Plant	28,433,705	26,829,561	Unapprop. Earned Surplus	53,985,340	47,237,146
Net Utility Plant	<u>\$ 62,085,356</u>	<u>\$ 51,834,311</u>	Total Proprietary Capital	<u>\$ 55,626,041</u>	<u>\$ 48,877,847</u>
<u>Other Property and Investments</u>			Bonds, Loans & Advances	15,001,786	11,542,298
Appropriated Funds	3,624,237	1,000,836	Total Long Term Debt	<u>\$ 15,001,786</u>	<u>\$ 11,542,298</u>
Bond Redemption Fund	644,320	668,414			
Net Pension Asset ¹	992,887	769,762			
Deferred Outflow - Pension & OPEB ¹	2,025,204	1,402,233	<u>Current & Accrued Liabilities</u>		
Total Other Prop & Investment	<u>\$ 7,286,647</u>	<u>\$ 3,841,245</u>	Accounts Payable	40	-
			Accrued Liabilities	1,446,635	1,022,536
			Unearned Revenue ⁴	5,028,941	-
			Total Current & Accrued Liab.	<u>\$ 6,475,616</u>	<u>\$ 1,022,536</u>
<u>Current and Accrued Assets</u>			<u>Deferred Credits</u>		
Cash & Investments	9,267,182	6,547,303	Bond Premium	155,285	173,138
Accounts Receivable	1,470,092	1,556,567	Pre 2003 Depr on Contributed Assets	16,710	42,111
LSL Loan Receivable ³	146,935	249,651	Other Deferred Credits	0	0
Grant Receivable - Restricted ²	7,865	43,560		<u>\$ 171,995</u>	<u>\$ 215,248</u>
Materials & Supplies Inventory	250,977	284,379			
Prepaid Expenses	22,237	27,579	<u>Operating Reserves</u>		
Total Current & Accrued Assets	<u>\$ 11,165,288</u>	<u>\$ 8,709,039</u>	Net Pension & OPEB Liability ¹	190,275	357,040
			Deferred Inflow - Pension & OPEB ¹	2,402,200	1,752,555
Total Assets and Debits	<u>\$ 80,537,291</u>	<u>\$ 64,384,595</u>	Accrued Vac & Sick Leave	669,378	617,071
			Total Operating Reserve	<u>\$ 3,261,853</u>	<u>\$ 2,726,666</u>
			Total Liab & Other Credits	<u>\$ 80,537,291</u>	<u>\$ 64,384,595</u>

¹ See full audited Financial Statements for disclosures and details regarding pensions and OPEB.

² Grants Receivable - Restricted pertains to the Lead Water Service Lateral Replacement Program funded by the DNR.

³ Receivable related to the SWU LSL loan program.



STATEMENT OF REVENUE, EXPENSES AND CHANGES IN NET POSITION

APRIL 30, 2023 AND 2022

	2023		2022		Incr (Decr)	% Incr/Decr
	MONTH	YTD	MONTH	YTD	YTD	YTD
Sales Revenue	\$ 827,556	\$ 2,887,044	\$ 818,451	\$ 2,865,872	\$ 21,172	0.74%
Other Water Revenue	\$ 4,620	\$ 21,319	\$ 4,850	\$ 20,499	\$ 820	4.00%
Total Operating Revenues	\$ 832,176	\$ 2,908,362	\$ 823,301	\$ 2,886,371	\$ 21,991	0.76%
Operating Expenses ¹	365,690	1,394,623	297,685	1,166,623	228,000	19.54%
Maintenance Expenses ²	87,277	337,635	83,523	302,853	34,781	11.48%
Depreciation Expenses	132,079	545,035	130,665	540,987	4,048	0.75%
Taxes ³	96,073	346,302	113,204	390,737	(44,435)	-11.37%
Total Operating Expenses	\$ 681,119	\$ 2,623,594	\$ 625,076	\$ 2,401,199	\$ 222,395	9.26%
Utility Operating Income	\$ 151,057	\$ 284,768	\$ 198,224	\$ 485,172	\$ (200,404)	-41.31%
Other Income & Expense						
Non-operating Grant Revenue	7,865	36,901	35,310	35,310	1,591	
Non-Operating Grant Expenses	(7,865)	(36,901)	(35,310)	(35,310)	(1,591)	
Bond Premium	2,739	10,957	2,989	11,956	(999)	
Interest Earned on Investments	6,786	24,234	1,577	3,925	20,308	
Contributions	-	-	-	3,128	(3,128)	
Other Expense	-	-	-	-	-	
Misc Amortization	2,094	8,378	2,094	8,378	-	
Bond Interest Expense	(89,492)	(358,564)	(26,753)	(102,438)	(256,126)	
Change in Net Position	\$ 73,185	\$ (30,228)	\$ 178,131	\$ 410,121	\$ (440,348)	

¹ The increase in Operating Expense is due to an increase in chemical costs, water treatment filter study and salaries, distribution locating services, electricity and fuel costs, third party billing implementation, web hosting services, and timing of stop loss reimbursements from prior year.

² The increase in Maintenance Expense is due to pumping structures maintenance, treatment equipment maintenance, and distribution maintenance in the upper plant garage.



APPROVAL OF VOUCHERS
April 30, 2023

<u>Total Of The General Vouchers</u>	<u>\$ 641,413.00</u>
<u>Gross Payroll</u>	<u>\$ 198,924.27</u>
<u>Net Payroll</u>	<u>\$ 120,367.77</u>

BOARD OF WATER COMMISSIONERS

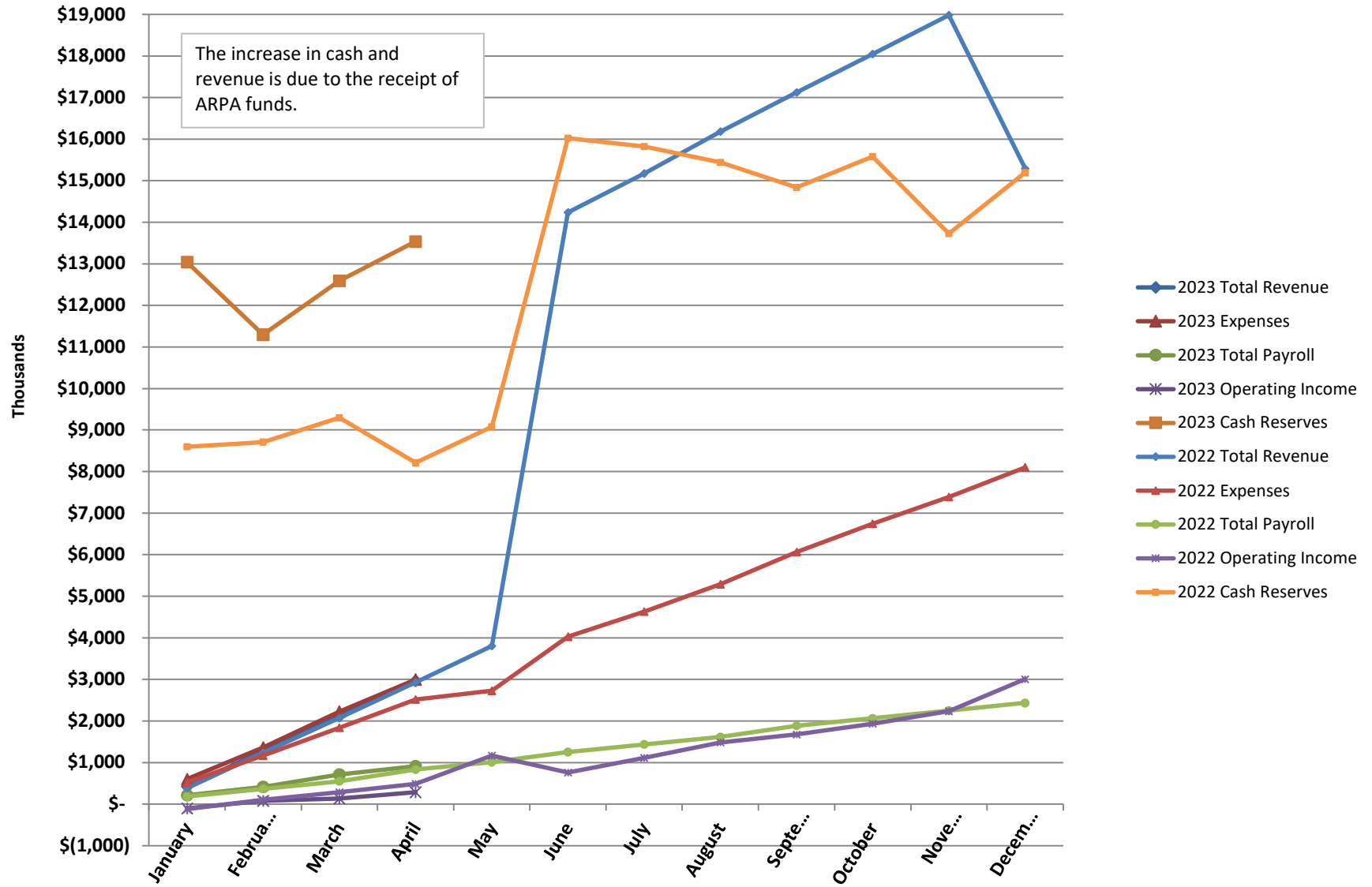
 PRESIDENT

 SECRETARY

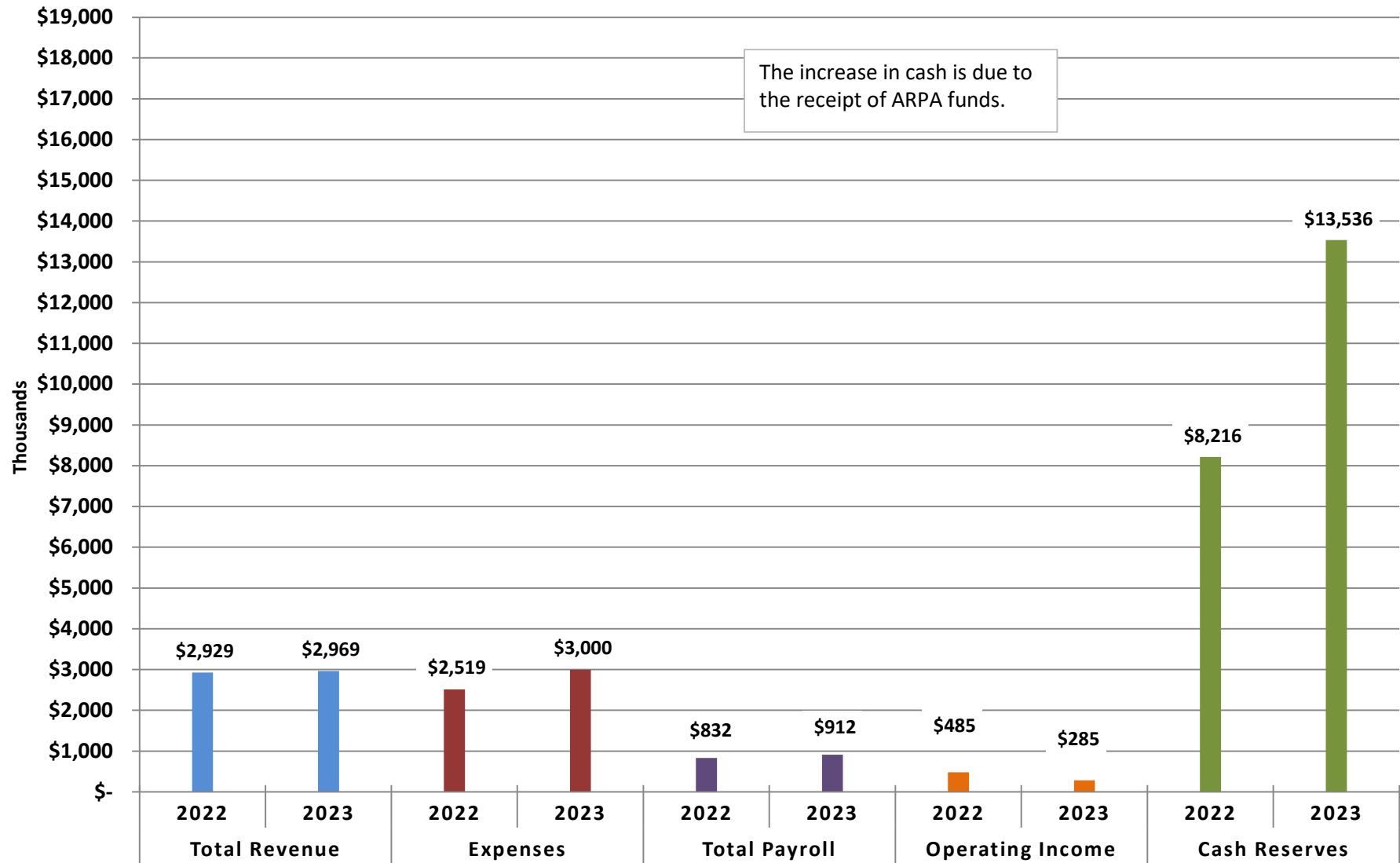
 MEMBER

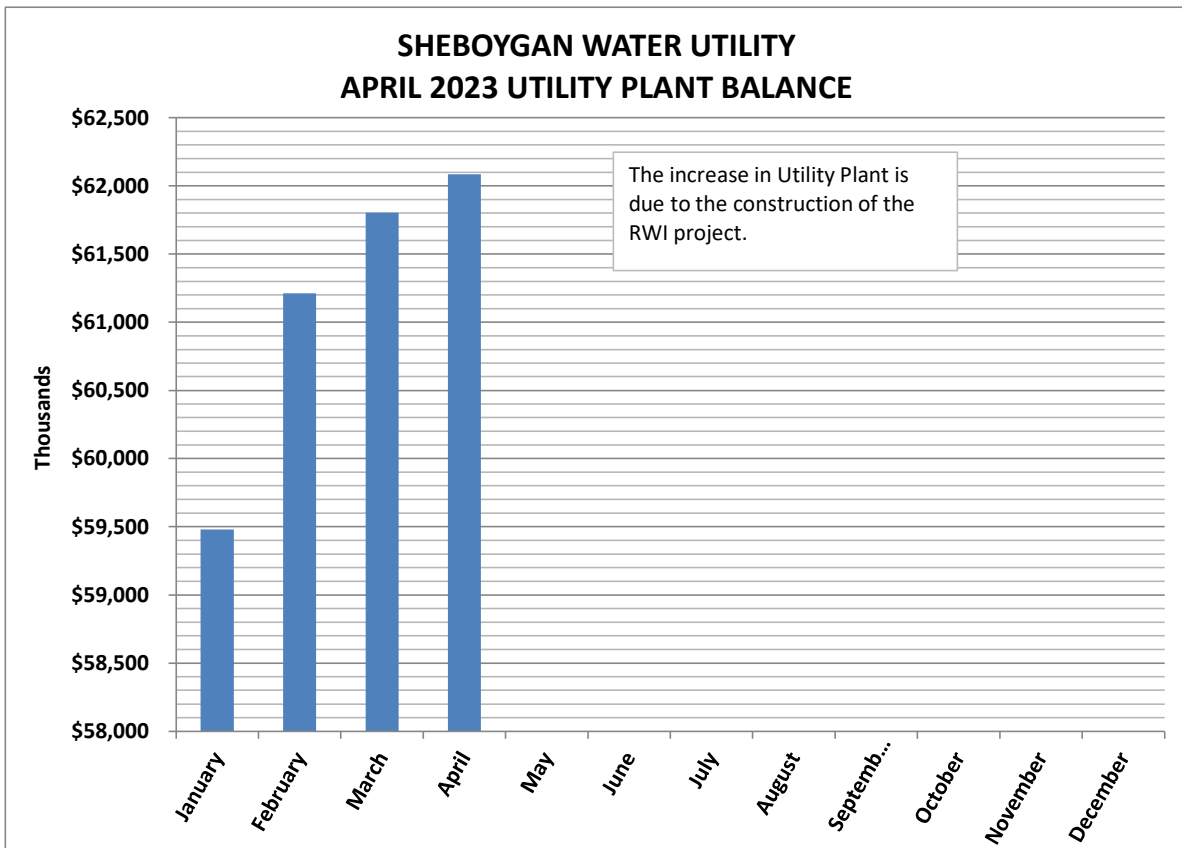
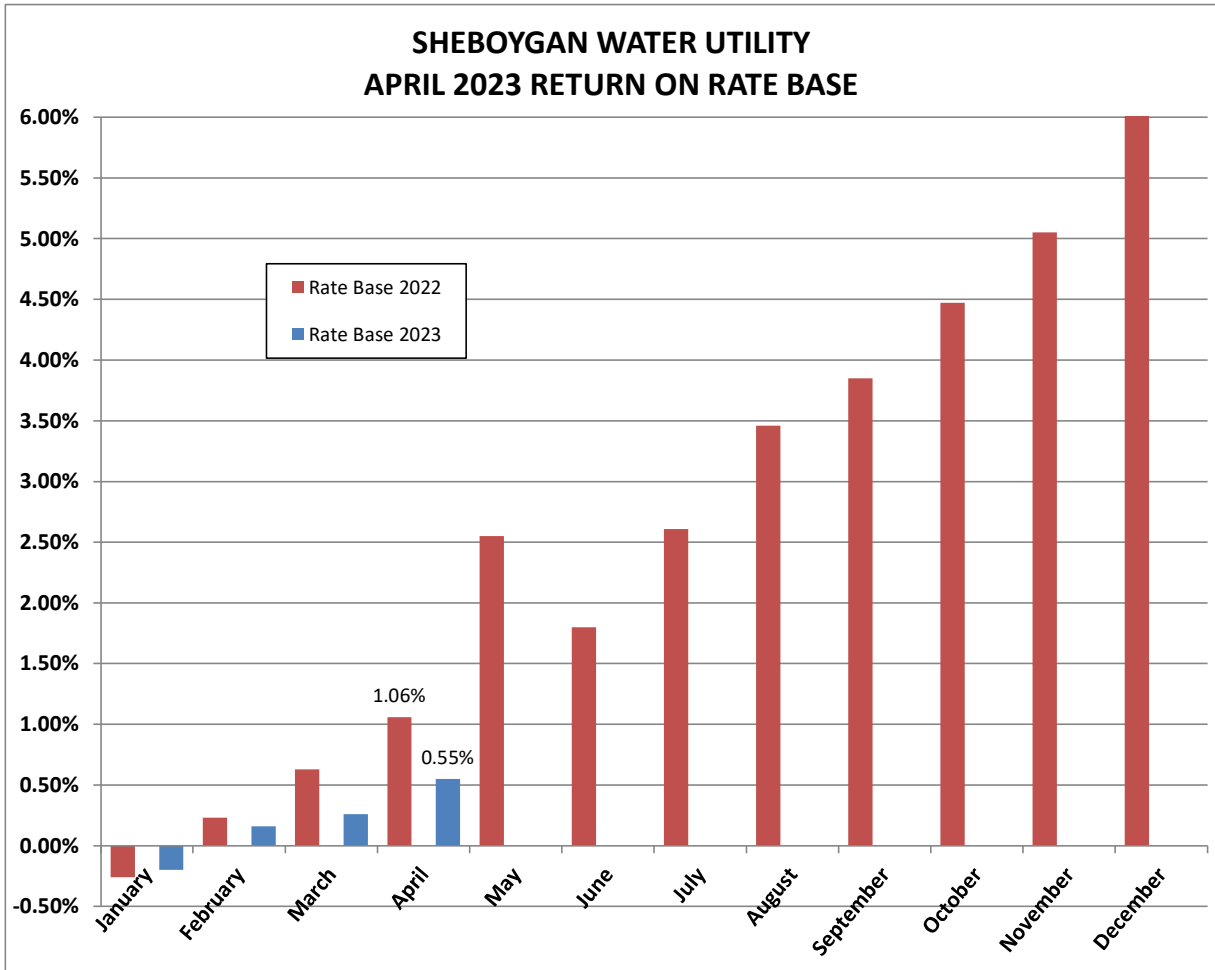
 SUPERINTENDENT

SHEBOYGAN WATER UTILITY APRIL 2023 MONTHLY FINANCIAL TREND



SHEBOYGAN WATER UTILITY APRIL 2023 YTD FINANCIAL POSITION





April 2023

OPERATIONS' DEPARTMENT MONTHLY REPORT

PUMPAGE	HIGH LIFT		LOW LIFT		2023 VS 2022
	2022	2023	2022	2023	HL
Total in MG	345.623	341.735	350.527	353.722	-1.12%
Daily Average (MG)	11.149	11.409	11.684	11.791	
Max. Day (MG)	13.846	12.949	14.079	13.199	2023 VS 2021
					HL
Gal/KwH	1,189	1,188	5,016	4,897	-1.06%
ELECTRICAL COSTS					
		2022		2023	
A. Pumping:		KwH	\$	KwH	\$
High Lift		287,338	\$22,507.56	286,901	\$24,614.41
Low Lift		69,413	\$5,437.21	71,777	\$6,158.04
Wash Pump 1		2,100	\$164.50	2,800	\$240.22
Georgia St. Bstr.		54,300	\$5,203.03	51,300	\$5,384.72
Wilgus Ave. Bstr.		2,900	\$391.70	2,800	\$400.05
EE Pit / Bstr.		5,706	\$731.54	5,523	\$750.98
Erie Ave. Bstr.		0	\$0.00	14,400	\$2,935.21
Sub Total		421,757	\$34,435.54	435,501	\$40,483.63
					\$/KwH 13.9%
B. Treat./Fiscal/Misc.		KwH	\$	KwH	\$
Office & Maint. Bldg.		3,562	\$402.28	5,689	\$781.52
Filter Plant / Pump Station / 2nd Service		56,549	\$4,916.61	64,422	\$5,936.13
Sub Total		60,111	\$5,318.89	70,111	\$6,717.65
					\$/KwH 8.3%
C. Distribution:		KwH	\$	KwH	\$
Taylor Hill Tank		1,951	\$265.87	1,626	\$236.77
Kohler Meter Pit		0	\$0.00	0	\$0.00
EE Tower		1,615	\$222.96	1,208	\$180.04
Washington (PRV) Pit		1,118	\$168.00	752	\$124.48
Sub Total		4,684	\$656.83	3,586	\$541.29
					\$/KwH 12.9%
Total Electrical Costs		486,552	\$40,411.26	509,198	\$47,742.57
Electrical Cost / MG			\$116.92		\$139.48
NATURAL GAS COSTS					
		2022		2023	
		CCF Used	Cost	CCF Used	Cost
Production Facility		1,696	\$1,388.91	875	\$481.23
South Basin		2,360	\$1,940.50	2,122	\$1,280.86
Georgia St. Bstr.		110	\$91.00	92	\$86.71
Erie Ave. Bstr.		206	\$193.89	200	\$130.53
Wilgus Ave. Bstr.		41	\$44.86	26	\$34.48
Office & Maint. Bldg.		646	\$537.64	970	\$577.90
Total Natural Gas Costs		5,059	\$4,196.80	4,285	\$2,591.71
					\$/CCF -27.1%
Natural Gas Cost / MG			\$12.14		\$7.57
CHEMICAL COSTS					
		2022		2023	
		Lbs. Used	Cost	Lbs. Used	Cost
Alum		61,233	\$11,113.79	63,622	\$12,819.83
Carbon		0	\$0.00	0	\$0.00
Chlorine		7,012	\$10,377.76	6,144	\$12,472.32
Fluoride		1,836	\$2,552.04	1,529	\$3,090.87
KMnO4		0	\$0.00	0	\$0.00
Cationic Polymer		1,497	\$2,320.35	1,287	\$1,994.85
Liquid Phosphate		4,214	\$6,649.69	4,154	\$12,707.09
Total Chemical Costs			\$33,013.63		\$43,084.96
					30.5%
Chemical Cost / MG			\$95.52		\$125.88
Grand Total			\$77,621.69		\$93,419.24
					20.35%
Total Cost / MG			\$224.58		\$272.93
					21.53%

YTD HL 2023 vs 2022	-3.82%	YTD HL HIGH DAY PUMPAGE	13.403	January 30, 2023
YTD HL 2023 vs 2021	-2.14%	YTD HL LOW DAY PUMPAGE	9.294	January 1, 2023

NOTE:

2023 Electrical costs include an Alliant Energy 8.3% rate increase approved by PSC.

	YTD HL Ave Day
2023	11.439
2022	11.815
2021	11.692

COMPARATIVE SUMMARY OF PLANT OPERATIONS

April 2022

vs

April 2023

Pumping Record

High Lift

Low Lift

	2022	2023	Diff.		2022	2023	Diff.
Tot. Water in MG	345.623	341.735	-1.12%	Tot. Water in MG	350.527	353.722	0.91%
Daily Average	11.149	11.409	2.33%	Daily Average	11.684	11.791	0.92%
Maximum Day	13.846	12.949	-6.48%	Maximum Day	14.079	13.199	-6.25%
Minimum Day	9.042	9.260	2.41%	Minimum Day	9.046	9.358	3.45%
By Natural Gas	4.000	1.486	-62.85%	By Natural Gas	2.378	2.245	-5.59%
Power in KWH	287,338	286,901	-0.15%	Power in KWH	69,413	71,777	3.41%
Gals. per KWH	1,189	1,188	-0.10%	Gals. per KWH	5,016	4,897	-2.38%
Power \$ / KWH	\$0.07833	\$0.08579	9.53%	Power \$ / KWH	----	----	----
Power \$ / MG	\$65.12	\$71.91	\$6.79	Power \$ / MG	\$15.51	\$17.41	\$1.90
Tot. Power \$/MG	\$117.92	\$140.28	\$22.36	Tot. Power \$/MG	----	----	----

Treatment Chem.

Lbs. Used

Cost

Total Lbs.	2022	2023	Diff.	Total Cost	2022	2023	Diff.
Alum	61,233	63,622	3.90%	Alum	\$11,113.79	\$12,819.83	\$1,706.04
Carbon			#DIV/0!	Carbon	\$0.00	\$0.00	\$0.00
Chlorine	7,012	6,144	-12.38%	Chlorine	\$10,377.76	\$12,472.32	\$2,094.56
KMnO4	0	0	#DIV/0!	KMnO4	\$0.00	\$0.00	\$0.00
Polymer	1,497	1,287	-14.03%	Polymer	\$2,320.35	\$1,994.85	(\$325.50)
Liquid Phosphate	4,214	4,154	-1.42%	Liquid Phosphate	\$6,649.69	\$12,707.09	\$6,057.40
Lb/ MG:				Cost / MG:			
Alum	174.7	179.9	2.96%	Alum	\$31.71	\$36.24	\$4.54
Carbon	0.0	0.0	#DIV/0!	Carbon	#DIV/0!	#DIV/0!	#DIV/0!
Chlorine	20.0	17.4	-13.17%	Chlorine	\$29.61	\$35.26	\$5.65
KMnO4	0.0	0.0	#DIV/0!	KMnO4	#DIV/0!	#DIV/0!	#DIV/0!
Liquid Phosphate	12.0	11.7	-2.31%	Liquid Phosphate	\$18.97	\$35.92	\$16.95

Fluoride:	2022	2023		Fluoride:	2022	2023	
Total Lbs.	1,836	1,529	-16.72%	Cost	\$2,552.04	\$3,090.87	\$538.83
mg/l applied as F	0.72	0.71		Cost/MG	\$7.40	\$9.04	\$1.64
Av. Res. Plt. Tap	0.70	0.71					

Water Quality:

Raw

TAP

	2022	2023
Turbidity	4.70	7.00
pH	8.25	8.25
Alkalinity	117.0	116.1
MF (E-Coli)	2.1	5.6
Temperature	39.0	40.5
Wash-H2O % /LL	1.73	2.15
Av. Flt. Run/hrs	146.1	96.2
Av. ROF / MG	1.33	1.36

	2022	2023
Turbidity	0.067	0.037
pH	7.59	7.58
Alkalinity	107.0	105.8
Plate Count	0.00	0.00
Colilert	0	0
Temp.	40.3	42.5
Cl Res.	0.83	0.84

Natural Gas:

	2022	2023		2022	2023	Diff.
Nat. Gas Heating	1,770	2,628	Plant & South Basin	\$5,208.32	\$1,559.37	(\$3,648.95)
Nat. Gas Pumping	590	369		\$51.98	\$202.72	\$150.74

	CCF	Cost	Natural Gas Cost	Natural Gas CCF
#3 Gas Pump	127.1	\$69.90	\$1,762.09	2,997
#4 Gas Pump	13.5	\$7.42		
#7 Gas Pump	100.0	\$55.00		
Electric Generator	128.0	\$70.40		
Pumping totals	368.6	\$202.72		

April 2023

% Run

Elapsed Time:

	5/1/2023	4/1/2023	
No. 6 Pump	71,870.6	71,433.3	437.3
Wash Pump Meter	5,719.22	5,694.43	24.79
No. 7 Pump	803.4	799.4	4.0
No. 8 Pump	59,540.3	59,540.3	0.0
No. 9 Pump	27,616.0	26,904.0	712.0
Wash Pump 2	109	101	8
No. 1 Prime Pump	1,050.5	1,049.7	0.8
No. 2 Prime Pump	1,128.5	1,127.2	1.3

Kw/Hr run

Watt Hour Meters:

Wash Pump 1	1310.1	1306.1	2,800
No. 9 Pump	5995.31	5955.17	40,137
No. 8 Pump	6837.1	6837.1	0
No. 6 Pump	1742.2	1629.2	31,640
Wash Pump 2	11.437	10.601	1,003
No. 1 Pump	9459.545	9443.776	15,769
No. 2 Pump	4924.914	4874.751	50,163
No. 3 Pump	723.133	699.804	23,329
No. 4 Pump			0
No. 5 Pump	11,610.912	11,413.272	197,640

Garage (MWatt/Hrs.)	1,094.24	1,089.30	4,940
---------------------	----------	----------	-------

Power Co. (Step #3)	40,324	39,969	426,000
---------------------	--------	--------	---------

Left Meter - OUTSIDE

Volume Used:

Nat. Gas (Correct)	45,817,701	45,742,605	94,396
--------------------	------------	------------	--------

Elapsed Time:

Emer. Generator	1,083.7	1,077.3	6.4
-----------------	---------	---------	-----

Elapsed Time:

No. 1 Pump	17,542.1	17,512.5	29.5
No. 2 Pump	21,009.52	20,800.16	209.36
No. 3 Elec. Pump	2,473.2	2,393.5	79.7
No. 3 Nat. Gas Pump	572.3	568.2	4.1
No. 4 Elec. Pump	0.00	0.00	0.0
No. 4 Nat. Gas Pump	72.4	72.1	0.3
No. 5. Pump	24,277.120	23,865.090	412.030
UV Building Generator	143.4	142.4	1

% Run

4.1%
29.1%
11.1%
0.6%
0.0%
0.0%
57.2%
0.1%

5/1/2023	4/1/2023
----------	----------

SLUDGE No. 1 Hour Meter	0.0	0.0	0
SYSTEM No. 2 Mag Meter	8,171,499	7,875,539	295,960
Recycle Meter (Reset to zero each month)			295,960

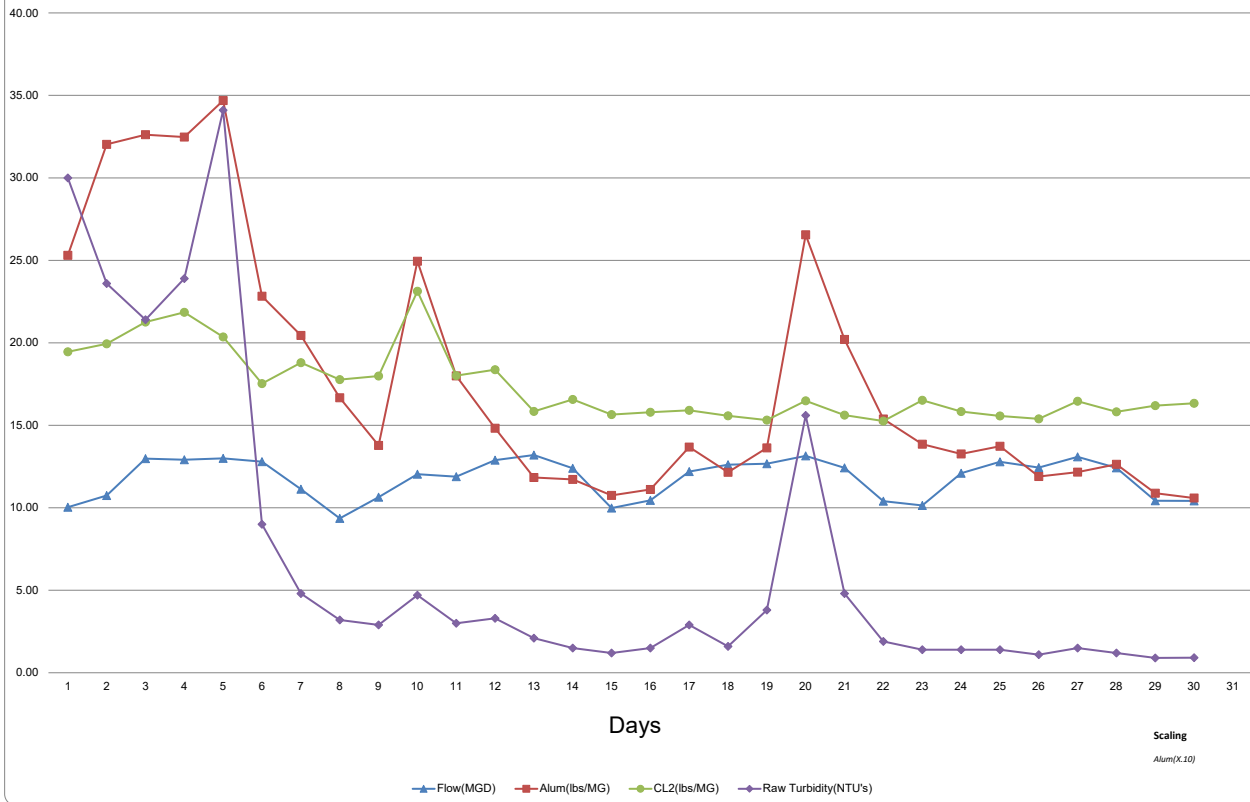
Power Cost	\$0.0857941	Bill >>>>	\$34,386.27
	4.0052	KWH >>>	400,800
Init. Chg.	\$36,548.28		
	\$	KWH	
Kohler Pit			
Horizon	\$273.86	1,797	
Taylor	\$236.77	1,626	
ALT. 72 Park	\$400.52	100	
Geo. Ave.	\$5,384.72	51,300	
Wilgus Ave.	\$400.05	2,800	
EE Pit	\$750.98	5,523	
EE Tower	\$180.04	1,208	
Washington	\$124.48	752	
Office	\$781.52	5,689	
Erie Ave.	\$2,935.21	14,400	
Total	\$48,016.43	511,195	
			Low L. KWH 71,777
			L.L. Cost \$ \$6,158.04
			High L. KWH 286,901
			H.L. Cost \$ \$24,614.41
			Total Cost \$30,772.45
			Plant Costs \$5,936.13

SUMMARY

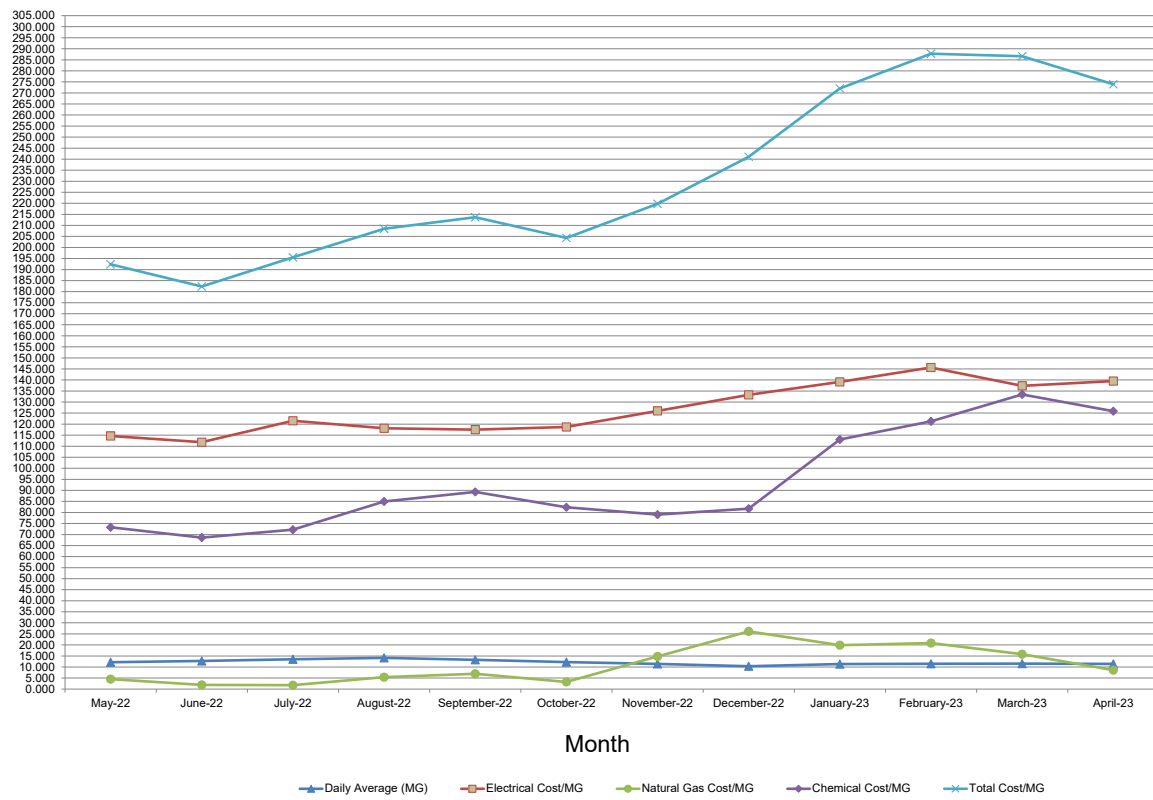
	HIGH LIFT		LOW LIFT	
	2022	2023	2022	2023
Tot. Pump	345.623	342.280	350.527	353.722
Daily Ave.	11.149	11.409	11.684	11.791
Max. Day	13.846	12.949	14.079	13.199
Min. Day	9.042	9.260	9.046	9.358
By Nat. Gas	4.000	1.486	2.378	2.245
Power KWH	287,338	286,901	69,413	71,777
Gals/KWH	1189	1188	5016	4897
Cost/KWH	\$0.07833	\$0.08579	*****	*****
Cost/MG	\$65.12	\$71.91	\$15.51	\$17.41
Tot. Cost/MG	\$117.92	\$140.28	*****	*****

April 2023: Sheboygan Water Utility Plant Operations Summary

Item 4.



Plant Operations: Expense Report



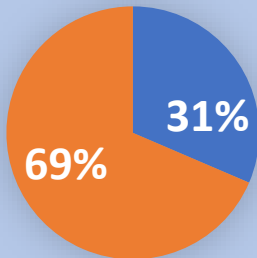
Filter Plant Maintenance Completed For April 2023

Subject	StartDate	EndDate	Description	Yellow indicates days operating or running labs
Clear Well Sensor	3-Apr-23		Begin diagnosing secondary clear well sensor issue.	
Joshua 2hrs. Sick Time	3-Apr-23		Joshua 2hours of sick time.	
Front Gate	3-Apr-23		Replace, West side, lowest clamp on ram, paint fence, and reset stops.	
Filter 6 Vacuum 6	3-Apr-23		Vacuum out filter 6.	
JSM Remote	3-Apr-23		Contact JSM, communicate low battery issue, and replace remote.	
UV Reference Check	4-Apr-23		Complete UV reference check on East train.	
Georgia Ave.	4-Apr-23		Check grounds, inspect pump station, and replace reagents.	
Poly Feed Pump	4-Apr-23		Remove South feed pump (INOP) and install swing in its place.	
Menards	5-Apr-23		Purchase wood chisels, WD-40, and socket adapters.	
Filter 6	5-Apr-23		Continue tapering grout and scraping gasket material.	
UVT% Meter	6-Apr-23		Calibrate UVT% meter; West was 96.1% East was 98.5%.	
Filter #6 rehab	6-Apr-23		Filter #6 chipping grout and removing caulking material	
Good Friday Holiday	7-Apr-23			
observed utility holiday	7-Apr-23		Observed utility holiday	
Joshua Covering 3rd Shift	10-Apr-23	16-Apr-23	Joshua covering 3rd shift for Glen.	
Filter #6 rehab	10-Apr-23		Filter #6 removing grout and caulking material	
Filter #6 rehab	11-Apr-23		Filter #6 chipping and vacuuming rehab work	
High lift pipe replacement	11-Apr-23		Emergency pipe replacement on high lift #4 pump, pipe failed and emergency work to stop flow and temporarily seal pipe	
Menards parts run	11-Apr-23		New door handle for filter plant	
Trillings parts run	11-Apr-23		Keys made for new door handle	
Filter #6 rehab	12-Apr-23		Finished vacuuming filter #6 underdrain in preparation for cap replacement	
Menards parts run	12-Apr-23		Items for filter plant	
Erie pump station	12-Apr-23		Erie pump station maintenance checks	
Taylor hill reagents	12-Apr-23		Replaced reagents at Taylor hill reservoir and maintenance checks	
Filter plant trash	13-Apr-23		Removed filter plant trash and cardboard	
Filter plant paperwork	13-Apr-23		Purchase orders and email	
cleaned filter plant floors	13-Apr-23		Cleaned filter plant floors in filter hall	
Cleaned maintenance shop	13-Apr-23		Cleaned maintenance shop and tools	
Cleaned Filter #6 work area	13-Apr-23		Cleaned up project area and tools around #6 filter job	
filter plant cleaning	14-Apr-23		Cleaned floors throughout filter plant	
Link up energenics	14-Apr-23		Link up with energenics for clearwell level sensor information and measurements	
Joshua Off for Coverage	17-Apr-23		Joshua off for covering 3rd shift.	
Lab samples	17-Apr-23		Collected distribution lab samples	
Ortho transfer to bulk tank	19-Apr-23		Set up pump to transfer ortho back to bulk tank from ortho blow off drum	
High lift piping plan	19-Apr-23		Linked up with Josh M to go over high lift piping plan	
Spare Poly Feed Pump	19-Apr-23		Continue diagnosing pump operation issue.	
Trilling's	19-Apr-23		Attempt to purchase brushes for inop polymer pump; the required size wasn't available.	
3/4" Feed Line	19-Apr-23		Remove obsolete ¾. copper feed line by 4 and install new ball valve; suspect it was used for hydraulic valve actuator.	
East Alum Pump	20-Apr-23		Replace broken tube, flush line, clean area, and pre-fab another replacement hose.	
Menards	20-Apr-23		Purchase LED light bulbs for H.L., plumbers tape, and pipe cutters.	
Dan Covering Laboratory	20-Apr-23	21-Apr-23	Dan covering laboratory for Eric.	
Wilgus Ave.	20-Apr-23		Walk grounds and collect lab sample.	
H.L Balcony and Steps	21-Apr-23		First round vacuuming high lift balcony and plant steps.	

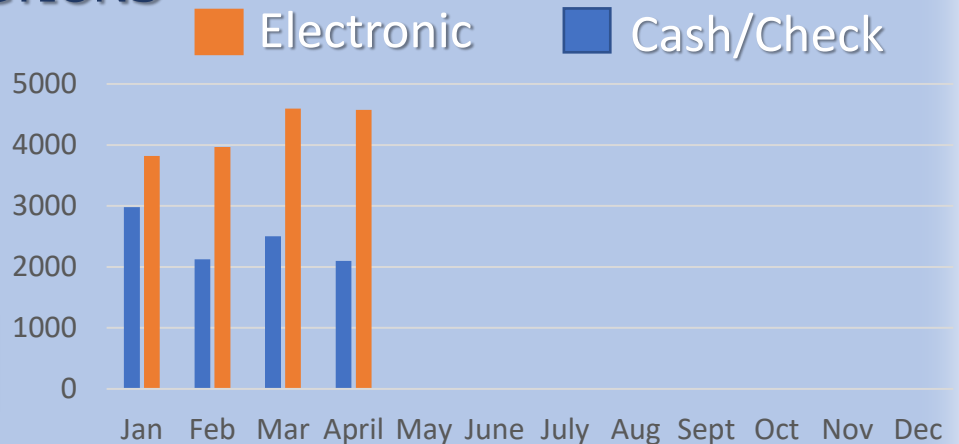
H.L. LED NW	21-Apr-23		Install new LED light into NW fixture.
H.L. LED NE	21-Apr-23		Install new LED light bulbs into NE fixture.
Filter Sand	21-Apr-23		Remove new bags from truck into outside storage area.
South Alum Feed Hose	21-Apr-23		Finish cleaning area after replacement, flush lines, and run eyewash station.
West Alum Feed Hose	21-Apr-23		Replace West alum feed pump hose.
High lift piping repair	24-Apr-23		New pipe installed for #4 high lift effluent side
#4 high lift prep	24-Apr-23		#4 high lift pipe repair planning and staging equipment
#4 High lift cleanup	25-Apr-23		Job clean up and removal of old piping from high lift
High lift cleaning	25-Apr-23		Cleaning floor and #4 gas engine in high lift
Menards	25-Apr-23		Menards for filter plant maintenance items
Fluoride bulk tank repair	25-Apr-23		Repairs on fluoride bulk tank suction line, waiting for PVC to dry and install next day
New light high lift	25-Apr-23		Installed new lightbulbs in high lift switch gear area
Fluoride suction line installed	26-Apr-23		New fluoride suction line installed on bulk tank
Sodium thio barrel changed	26-Apr-23		Installed new sodium thio barrel
#10 Generator maintenance	26-Apr-23		Oil filled and maintenance checks on #10 generator
Filter 6 Surface Sweep	26-Apr-23		Install new 4. valve on surface sweep line.
Wilgus Ave.	27-Apr-23		Check grounds, heater, and assist RPZ check.
Filter Rehab Project	27-Apr-23		Attend Filter Rehab Project meeting.
Filter 3	27-Apr-23		Perform pressure test.
Filter 11	27-Apr-23		Perform pressure test.
Filter 10	27-Apr-23		Perform pressure test.
Wash Pump 1	27-Apr-23		Access feed lines and check water flow; cleaned lines and bled.

CUSTOMER RELATIONS & FISCAL SUMMARY

PAYMENT TRANSACTIONS



6,672
Total # of April
Payments Processed



COLLECTIONS

District 3

\$1,142,110

Total Billed

\$184,379

Outstanding
After Due Date

1,054

Past Due Letters Mailed

106

Disconnection
Letters Mailed

17

Properties Disconnected

\$79,120

Outstanding At
Month End

PAYMENTS BY SOURCE

	April 2022	April 2023
Payment Window <small>(Cash/Check)</small>	382	393
Drop Box Payments	291	210
Electronic Payments	4353	4574
Mail Payments	1750	1495
Total Payments	6776	6672

Payments Returned **21**

UTILITY BILLS

Mailed
4,984

Total Paperless
1,224

Total Emailed
Statements
3,328



**APRIL
2023**

CUSTOMER RELATIONS & FISCAL SUMMARY

PROPERTY TRANSACTIONS

	April 2022	April 2023
Account Transfers <i>(Finals)</i>	176	169
Property Data Requests	93	51

PSC COMPLAINTS

0 PSC Complaint(s) Filed

ACCOUNTS PAYABLE

158 Invoice Items Paid

CUSTOMER SERVICE



110

Customer Service Email
Requests Completed



625

USS Calls Answered



25:13

USS Hours
On the Phone



164

Lead ST Calls Completed
(Incoming & Outgoing)



10:59

Lead ST Hours
On the Phone

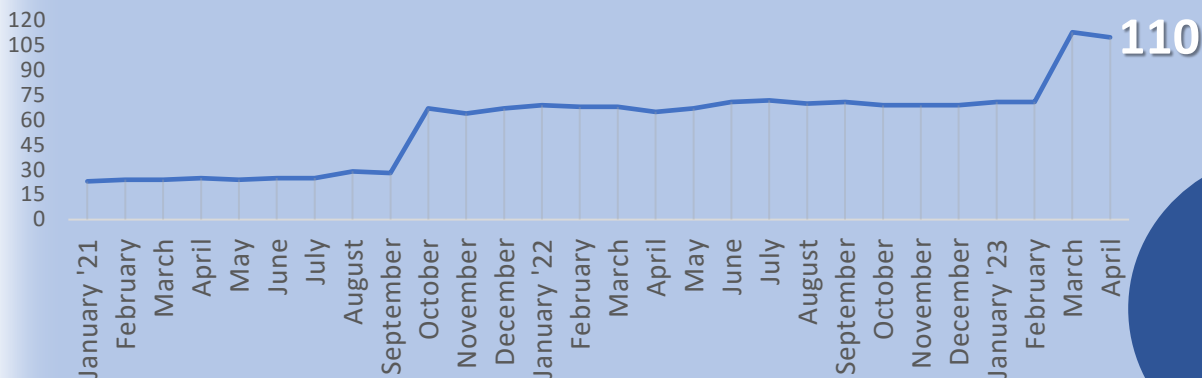
CUSTOMER ASSISTANCE PAYMENTS

Number of Payments Received: **54**

Total Dollars: **\$59,030**

*Payments received from Wisconsin Emergency Rental Assistance Program, LIHWAP, Salvation Army, and St. Vincent DePaul for customer benefit.

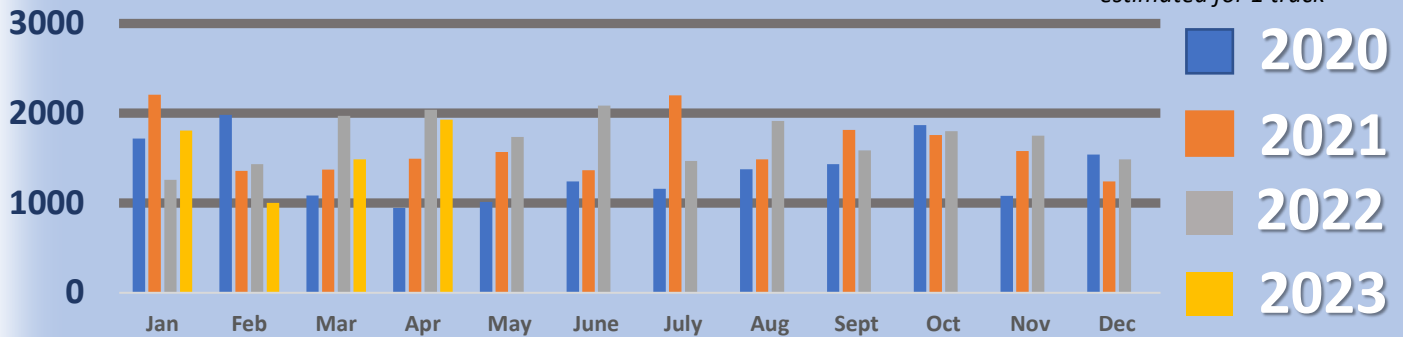
LEAD SERVICE LINE REPLACEMENT LOANS



**APRIL
2023**

CUSTOMER RELATIONS & FISCAL SUMMARY

SERVICE TECH MILES DRIVEN



CROSS CONNECTION

104 Inspections by SWU
63 Inspections by Hydro Corp



15 Facilities with Compliance Issues

LEAD EDUCATION

26 WDNR Lead in Drinking Water brochures distributed at home visits

TROUBLESHOOTING WORK ORDERS COMPLETED

157 Work orders completed for high consumptions, zero/low, and checks.

LEAK ALLOWANCES ISSUED

6 Customer Requests **485** CCF Allowed @ Reduced Rate



SERVICE LEAKS

3 New Reported Leak(s)
4 Leak(s) Fixed or Off
4 Active Leak(s) Month End

METERS

102 Meters Installed/Replaced
56 Meters Tested



**APRIL
2023**

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE



7 April New Followers

783 Total Followers

WEBSITE VISITORS

3,476



2022 Visits in April: 3,404

Top Page Viewed: Pay Your Bill

ADDITIONAL CR/F ACTIVITIES APRIL

- ◆ Service Techs (STs) continue their work replacing and testing water meters.
- ◆ USS issued bills to District 2 and Monthly customers.
- ◆ Worked on customer communications for upcoming LSL Replacement Projects.
- ◆ Completed phone service provider cutover to Spectrum.
- ◆ Completed replacement network switch project.
- ◆ Completed and reviewed IT security internal scan results and external penetration testing results.
- ◆ LST, BLSL Specialist, and CR/F Supervisor attended WI AWWA webinar on LSL Communications.
- ◆ STs, LST, and CR/F Supervisor attended Badger Meter webinar on ultrasonic meters.

**APRIL
2023**



MONTHLY DISTRIBUTION DEPARTMENT REPORT

April 2023

Distribution System Maintenance:

- Repaired water main breaks on S. Taylor Drive and N 7th St.
- Inspection of hydrants along DPW project routes.
- Inspection of hydrants to be painting in 2023.
- Installation of seasonal bulk water sale boxes.
- Located and hydroexcavated curbstops to aid in service materials identification for LSL projects.
- Conducted requested fire flow test at 632 Center Ave.
- Repaired fire hydrant stem on N 7th St., north of Pershing Ave.
- Repaired street service holes.

Taps:

- 1" tap at 1730 N 8th St. LSL was removed from system.
- 1" tap at 709 Spring Ave. LSL was removed from system.
- 1" tap at 2008 N 9th St. LSL was removed from system.
- 1" tap at 1426 New Jersey Ave. LSL was removed from system.

Water Quality:

- Started seasonal dead end hydrant flushing.
- Completed weekly dead end hydrant flushing.

Building/Grounds Maintenance:

- General shop maintenance and cleaning.
- Snow removal at all Water Utility sites.
- Worked with Operations on Filter 6 repair.

Equipment Maintenance:

- Performed routine maintenance and repairs on construction equipment and vehicle fleet.

Engineering:

- Collected measure downs on Gateway Drive for future watermain project.
- Project manual preparation and drawings completed for N 15th and N 16th St LSL project.
- Bid opening, project award, and preconstruction meeting for N 20th St and Michigan Ave/N 12th St. projects.
- Monthly map and database updates.
- Digital/Automated work order implementation via GIS using ESRI Workforce Application.
- Automated digital forms were built for work orders using ESRI Survey 123 application.



Distribution System -- April 2023

Street Valves and Hydrant Valves Installed (including water main projects and others)

Location	Date Installed	Size ("), Jt	Installed By	Type
----------	----------------	--------------	--------------	------

Total Valves Installed = 0

Street Valves and Hydrant Valves Removed

Location	Installed	Abandoned	Type
----------	-----------	-----------	------

Total Valves Removed = 0

Street Valves and Hydrant Valves Abandoned

Location	Installed	Abandoned
----------	-----------	-----------

Total Valves Abandoned = 0

Street Valves and Hydrant Valves Maintained

Location	Maintained	Size	By
----------	------------	------	----

Total Valves Maintained = 0

Hydrants Installed (including water main projects and others)

Location	Installed	Tr Size	Valve	By
S. 7th St. at Broadway Ave. (NW)	4/27/2023	7"	n	SWU

Total Hydrants Installed = 1

Hydrants Removed (including water main projects and others)

Location	Installed	Removed	Hyd Valve?
S. 7th St. at Broadway Ave. (NW)	9/4/2008	4/27/2023	n

Total Hydrants Removed = 1

Hydrants Abandoned (including water main projects and others)

Location	Installed	Abandoned	Tr Size	Hyd Valve?
----------	-----------	-----------	---------	------------

Total Hydrants Abandoned = 0

Hydrants Maintained/Moved (including water main projects and others)

Location	Installed	Maintained
----------	-----------	------------

Total Hydrants Maintained/Moved = 0

Water Main Breaks

Location	Date	Size
2744 N. 7th St.	4/12/2023	6"
S. Taylor Dr North of Weeden Creek	4/18/2023	16"

Number of Water Main Breaks= 2

**SUMMARY**

Number of feet of 4 inch water main installed	0.0	water main
Number of feet of 6 inch hydrant lead installed	0.0	
Number of feet of 6 inch water main installed	0.0	
Number of feet of 8 inch water main installed	0.0	
Number of feet of 12 inch water main installed	0.0	
Number of feet of 16 inch water main installed	0.0	
Number of feet of 20 inch water main installed	0.0	
Number of feet of 24 inch water main installed	0.0	
Number of feet of water main abandoned or removed	0.0	
Number of water main breaks repaired	2	hydrants
Number of hydrants installed	1	
Number of hydrants removed or abandoned	1	
Number of hydrants maintained or moved	0	valves
Number of street valves installed	0	
Number of hydrant valves installed	0	
Number of street valves removed or abandoned	0	
Number of hydrant valves removed or abandoned	0	
Number of valves maintained	0	
Number of water connections installed	4	



BOARD OF WATER COMMISSIONERS

BID TABULATIONS-5/10/2023**Lead Service Line Replacements**

North 15th Street- Superior Ave to Saemann Ave

North 16th Street-Ontario Avenue to Saemann Ave

SHEBOYGAN WATER UTILITY PROJECT #23008-6

Item	Bid Item Description	Qty.	VanRite Plumbing		Alfson Excavating		Essential Sewer and Water	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	1" Long water service replacement, water main to curb stop, per EA	35	\$ 2,650.00	\$ 92,750.00	4,550.00	\$ 159,250.00	\$ 3,050.00	\$ 106,750.00
	1" Short water service replacement, water main to curb stop, per EA	36	\$ 2,650.00	\$ 95,400.00	3,800.00	\$ 136,800.00	\$ 2,650.00	\$ 95,400.00
2	Water service replacement, curb stop to house, per EA	62	\$ 2,500.00	\$ 155,000.00	\$ 1,100.00	\$ 68,200.00	\$ 2,200.00	\$ 136,400.00
4	Meter setting rebuild, per EA	77	\$ 375.00	\$ 28,875.00	\$ 400.00	\$ 30,800.00	\$ 425.00	\$ 32,725.00
5	Electrical Grounding, per EA	72	\$ 400.00	\$ 28,800.00	\$ 400.00	\$ 28,800.00	\$ 465.00	\$ 33,480.00
6	Concrete Service hole restoration, furnish and install, per EA	71	\$ 550.00	\$ 39,050.00	\$ 300.00	\$ 21,300.00	\$ 650.00	\$ 46,150.00
TOTAL CONTRACT PRICE			\$439,875.00		\$445,150.00		\$450,905.00	

Item	Bid Item Description	Qty.	Joski Sewer		Korff Plumbing		Scott Lamers Construction	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	1" Long water service replacement, water main to curb stop, per EA	35	\$ 2,860.00	\$ 100,100.00	\$ 3,300.00	\$ 115,500.00	2,600.00	\$ 91,000.00
	1" Short water service replacement, water main to curb stop, per EA	36	\$ 2,810.00	\$ 101,160.00	\$ 3,100.00	\$ 111,600.00	2,500.00	\$ 90,000.00
2	Water service replacement, curb stop to house, per EA	62	\$ 1,896.00	\$ 117,552.00	\$ 2,800.00	\$ 173,600.00	\$ 2,600.00	\$ 161,200.00
4	Meter setting rebuild, per EA	77	\$ 550.00	\$ 42,350.00	\$ 375.00	\$ 28,875.00	\$ 825.00	\$ 63,525.00
5	Electrical Grounding, per EA	72	\$ 400.00	\$ 28,800.00	\$ 350.00	\$ 25,200.00	\$ 575.00	\$ 41,400.00
6	Concrete Service hole restoration, furnish and install, per EA	71	\$ 940.00	\$ 66,740.00	\$ 475.00	\$ 33,725.00	\$ 1,850.00	\$ 131,350.00
TOTAL CONTRACT PRICE			\$456,702.00		\$488,500.00		\$578,475.00	



Wisconsin Power and Light Company
ESTIMATE ONLY

April 28, 2023

Item 6.

Payment of estimate is required prior to construction. Estimate is valid for 90 days. Winter construction charges apply between 12/01 and 03/31. Actual construction costs may result in a refund or additional billing.

Questions regarding bill details: 1-920-459-6367 - Reference Work Request: 4219083

Visit www.alliantenergy.com/paymybill for payment options.

Questions regarding payment : 1-800-ALLIANT (255-4268) - Reference Acct# **N/A**

SHEBOYGAN WATER UTILITY
72 PARK AVE
SHEBOYGAN WI

Job Address: STOHL, MIKE
DONOHUE
72 PARK AVE
SHEBOYGAN WI

QTY	DESCRIPTION	UNIT COST	COST	SALES TAX
20	CABLE - 600V - 4/0 AL - QUAD EXCESS (N-R	\$3.90	\$78.00	0.0%
580	DIGGING - TRENCH/PLOW (RFND)	\$6.10	\$3,538.00	0.0%
560	DUCT - 5 IN (RFND)	\$11.60	\$6,496.00	0.0%
559	CABLE - 25 KV - #1 AL - 3 PH (RFND)	\$12.90	\$7,211.10	0.0%
920	DUCT - 6 IN (RFND)	\$14.00	\$12,880.00	0.0%
905	CABLE - 25 KV - 750 AL - 3 PH (RFND)	\$29.40	\$26,607.00	0.0%
391	DIGGING - DIRECTIONAL BORING - 6 IN (RFN	\$35.40	\$13,841.40	0.0%
1	EASEMENT PREPARATION PER EASMNT (N-RFND)	\$715.00	\$715.00	0.0%
1	TANGENT POLE (RFND)	\$1,500.00	\$1,500.00	0.0%
1	TRNSFRMR INSTL-3 PH PAD (RFND)	\$1,830.00	\$1,830.00	0.0%
2	CABLE - RISER - 25KV-750 AL - 3PH (RFND)	\$8,270.00	\$16,540.00	0.0%

Please return this portion with your payment



----- manifest line -----

SHEBOYGAN WATER UTILITY
72 PARK AVE
SHEBOYGAN WI

AMOUNT DUE: \$125,431.50

Amount Enclosed: \$

Take care of it online:

Pay this bill in PAY BILL at www.alliantenergy.com/paymybill

Account Number **N/A**

Work Request Number: 4219083

Alliant Energy/WPL
PO Box 3062
Cedar Rapids, IA 52406-3062



Wisconsin Power and Light Company
ESTIMATE ONLY

April 28, 2023

Item 6.

QTY	DESCRIPTION	UNIT COST	COST	SALES TAX
1	SWITCHGEAR - 25KV- PME09 2D2F (RFND)	\$34,195.00	\$34,195.00	0.0%
		SUB TOTAL:	\$125,431.50	
		TAX:	\$0.00	

Comments:

TOTAL BILLABLE, AMOUNT DUE: \$125,431.50

UPDATED ESTMATE WITH 2023 PRICES. ESTIMATE TO CONVERT THE OVERHEAD LINE
TO UNDERGROUND AT THE RAW WATER INTAKE PLANT.

Please return this portion with your payment



----- manifest line -----

SHEBOYGAN WATER UTILITY
72 PARK AVE
SHEBOYGAN WI

AMOUNT DUE:	\$125,431.50
Amount Enclosed:	\$ _____

Take care of it online:

Pay this bill in PAY BILL at www.alliantenergy.com/paymybill

Account Number **N/A**

Work Request Number: 4219083

Alliant Energy/WPL
PO Box 3062
Cedar Rapids, IA 52406-3062

R. O. No. _____. By BOARD OF WATER COMMISSIONERS. May 15, 2023.

To the Honorable, the Mayor and Common Council:

We are, hereby, submitting a copy of the 2022 Wisconsin Public Service Commission of Wisconsin Annual Report on the Sheboygan Water Utility.

BOARD OF WATER COMMISSIONERS

Gerald R. Van De Kreeke, President

Thomas E. Howe, Secretary

Richard Dale, Member

Attachments