



BOARD OF WATERWORKS COMMISSIONERS AGENDA

April 25, 2022 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. Request approval of March 21, 2022 minutes

REPORTS

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

ITEMS FOR DISCUSSION AND POSSIBLE ACTION

5. Update on Raw Water Improvements project
6. Request purchase of replacement spectrophotometer
7. Request transmittal of R.O. on audit report and 1st quarter report
- [8.](#) Request purchase of hose bibbs
- [9.](#) Request purchase of meters
10. Update on health insurance renewal
11. Update on LSL replacement program review

PERSONNEL

12. Update on Civil Engineering/GIS tech position

NEXT MEETING

13. Next meeting will take place on: May 16, 2022

ADJOURN

14. 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

FEBRUARY 2022

	<u>2022</u>	<u>2021</u>	Increase or (Decrease)
<u>Quarterly Metered*</u>			
(Dist III - south of Union Ave)			
Residential	218,483.31	214,816.66	3,666.65
Multi-Family	27,260.80	25,350.55	1,910.25
Commercial	31,090.83	27,654.34	3,436.49
Industrial	16,604.55	17,191.68	(587.13)
Public	8,620.59	6,773.20	1,847.39
Subtotal	302,060.08	291,786.43	10,273.65

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

Public Fire Protection	68,729.20	67,512.19	1,217.01
Monthly Metered	<u>381,452.19</u>	<u>337,075.11</u>	<u>44,377.08</u>
Sheboygan Net	752,241.47	696,373.73	55,867.74
Sheboygan Falls	52678.48	44717.30	7,961.18
Kohler	<u>30885.16</u>	<u>27588.90</u>	<u>3,296.26</u>
Total	835,805.11	768,679.93	67,125.18

Total accumulative billing for 2022 is \$1,563,730.97. An increase of \$83,449.25 from 2021 accounted for as follows:

	<u>2022-Total Year to Date</u>
Sheboygan	68,296.31
Sheboygan Falls	10,160.93
Kohler	<u>4,992.01</u>
	83,449.25

Total bills mailed February, 2022: 6,654

Residential	6,051	Multi-Family	7
Multi-Family	91	Commercial	21
Commercial	333	Industrial	66
Industrial	50	Public	8
Public	27		
Quarterly	6,552	Monthly	102



RETURN ON RATE BASE

February 28, 2022

	FEBRUARY 2022	FEBRUARY 2021
<u>Add 2 YR Average</u>		
Utility Plant Balance	\$ 69,146,861	\$ 66,231,445
Materials and Supplies Inventory	\$ 251,052	\$ 269,209
<u>Less 2 YR Average</u>		
Reserve for Depreciation	\$ 23,882,961	\$ 22,403,541
Customer Adv for Const	\$ -	\$ -
Average Rate Base	\$ 45,514,952	\$ 44,097,112
Net Operating Income YTD	\$ 105,972	\$ (182,212)
Net Operating Income As a Percent of Average Net Rate Base	<u>0.23%</u>	<u>-0.41%</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
February 28, 2022

Ending balance on report for January 31, 2022	<u>8,597,765.80</u>
Plus: Receipts	241,734.08
Misc Receipts	77,461.56
Direct Pay Receipts	288,363.41
Stop Loss Reimbursements	-
Money Market/CDARs Investment Interest	305.51
Minus:	
Disbursements - vendors and payroll	(394,123.43)
Bank Service Fees	(816.79)
Health & Dental Claims/Adm Costs	(82,410.04)
NSF Checks & Customer Refunds	(580.69)
Invoice Cloud/Paymentech Deposit Fees	(5,395.55)
Reallocate Sewer/Garbage - payments	385.07
Reallocate Sewer/Garbage - monthly	486.84
Deposit Error	0.20
Automated Credit Card Payments	(2,238.90)
Postage	(3,428.76)
Utility Water Payments	(6,684.94)
Ending Balance February 28, 2022	<u>\$ 8,710,823.37</u>

Note: The above amount includes:

Bond Reserve Fund	668,413.54
LSL Revolving Loan Fund	118,426.17
Money Market Investment	3,982,998.06
Health Insurance Restricted Reserve	380,000.00
BAN Funds for Construction	511,278.93
Total	<u>\$ 5,661,116.70</u>

General Unrestricted Operating Cash	3,049,706.67
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STATEMENT OF NET POSITION
FEBRUARY 28, 2022 AND 2021

<u>Assets and Other Debits Utility Plant</u>	<u>Year to Date 2022</u>	<u>Year to Date 2021</u>	<u>Liabilities and Other Credits</u>	<u>Year to Date 2022</u>	<u>Year to Date 2021</u>
			<u>Proprietary Capital</u>		
Utility Plant	78,545,076	75,622,763	Capital Paid by Municipal	1,640,701	1,640,701
Depreciation- Utility Plant	26,526,883	24,997,010	Unapprop. Earned Surplus	46,894,523	44,890,914
Net Utility Plant	<u>\$ 52,018,193</u>	<u>\$ 50,625,752</u>	Total Proprietary Capital	<u>\$ 48,535,224</u>	<u>\$ 46,531,615</u>
<u>Other Property and Investments</u>			Bonds, Loans & Advances	12,604,954	13,659,038
Appropriated Funds	1,009,705	2,283,933	Total Long Term Debt	<u>\$ 12,604,954</u>	<u>\$ 13,659,038</u>
Bond Redemption Fund	668,414	688,824			
Net Pension Asset ¹	769,762	411,147			
Deferred Outflow - Pension & OPEB ¹	1,402,233	1,038,866	<u>Current & Accrued Liabilities</u>		
Total Other Prop & Investment	<u>\$ 3,850,114</u>	<u>\$ 4,422,769</u>	Accounts Payable	-	481
			Accrued Liabilities	921,512	928,244
			Total Current & Accrued Liab.	<u>\$ 921,512</u>	<u>\$ 928,725</u>
<u>Current and Accrued Assets</u>			<u>Deferred Credits</u>		
Cash & Investments	7,033,455	6,741,134	Bond Premium	179,116	214,985
Accounts Receivable	1,600,838	1,373,092	Pre 2003 Depr on Contributed Assets	46,032	71,166
LSL Loan Receivable ³	244,497	74,238	Other Deferred Credits ³	0	0
Grant Receivable - Restricted ²	8,250	0		<u>\$ 225,148</u>	<u>\$ 286,150</u>
Materials & Supplies Inventory	231,484	270,620			
Prepaid Expenses	23,897	57,225	<u>Operating Reserves</u>		
Total Current & Accrued Assets	<u>\$ 9,142,421</u>	<u>\$ 8,516,309</u>	Net Pension & OPEB Liability ¹	357,040	324,886
			Deferred Inflow - Pension & OPEB ¹	1,752,555	1,260,697
Total Assets and Debits	<u>\$ 65,010,728</u>	<u>\$ 63,564,831</u>	Accrued Vac & Sick Leave	614,294	573,719
			Total Operating Reserve	<u>\$ 2,723,889</u>	<u>\$ 2,159,302</u>
			Total Liab & Other Credits	<u>\$ 65,010,728</u>	<u>\$ 63,564,831</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
FEBRUARY 28, 2022 AND 2021

	2022		2021		Incr (Decr)	% Incr/Decr
	MONTH	YTD	MONTH	YTD	YTD	YTD
Sales Revenue ¹	\$ 845,238	\$ 1,224,676	\$ 768,900	\$ 1,127,724	\$ 96,952	8.60%
Other Water Revenue ²	\$ 4,825	\$ 10,266	\$ 5,011	\$ 5,490	\$ 4,775	86.97%
Total Operating Revenues	\$ 850,063	\$ 1,234,941	\$ 773,911	\$ 1,133,214	\$ 101,727	8.98%
Operating Expenses ³	303,899	549,572	390,004	751,018	(201,446)	-26.82%
Maintenance Expenses ⁴	84,016	130,084	70,394	111,332	18,752	16.84%
Depreciation Expenses	130,698	279,652	129,966	277,919	1,733	0.62%
Taxes	107,716	169,661	107,491	175,158	(5,497)	-3.14%
Total Operating Expenses	\$ 626,329	\$ 1,128,968	\$ 697,855	\$ 1,315,426	\$ (186,458)	-14.17%
Utility Operating Income	\$ 223,734	\$ 105,973	\$ 76,056	\$ (182,212)	\$ 288,185	-158.16%
Other Income & Expense						
Non-operating Grant Revenue	-	-	-	-	-	
Non-Operating Grant Expenses	-	-	-	-	-	
Bond Premium	2,989	5,978	2,989	5,978	-	
Interest Earned on Investments	1,473	2,010	2,715	4,382	(2,372)	
Contributions	-	-	-	-	-	
Other Expense	-	-	-	-	-	
Misc Amortization	2,094	4,189	2,094	4,189	-	
Bond Interest Expense	(25,033)	(50,652)	(27,683)	(54,808)	4,156	
Change in Net Position	\$ 205,258	\$ 67,497	\$ 56,171	\$ (222,471)	\$ 289,969	

¹ The increase in Sales Revenue is due to a rate increase that was implemented February 1, 2022.

² The increase in Other Revenues is due to a final settlement received in 2022 for the purchase of liquid alum.

³ The decrease in Operating Expense is due to a decrease in medical claims from this period last year.

⁴ The increase in Maintenance Expense is due an increase in water main breaks from this period last year.



APPROVAL OF VOUCHERS
February 28, 2022

<u>Total Of The General Vouchers</u>	<u>\$ 220,100.38</u>
<u>Gross Payroll</u>	<u>\$ 184,844.77</u>
<u>Net Payroll</u>	<u>\$ 112,775.33</u>

BOARD OF WATER COMMISSIONERS

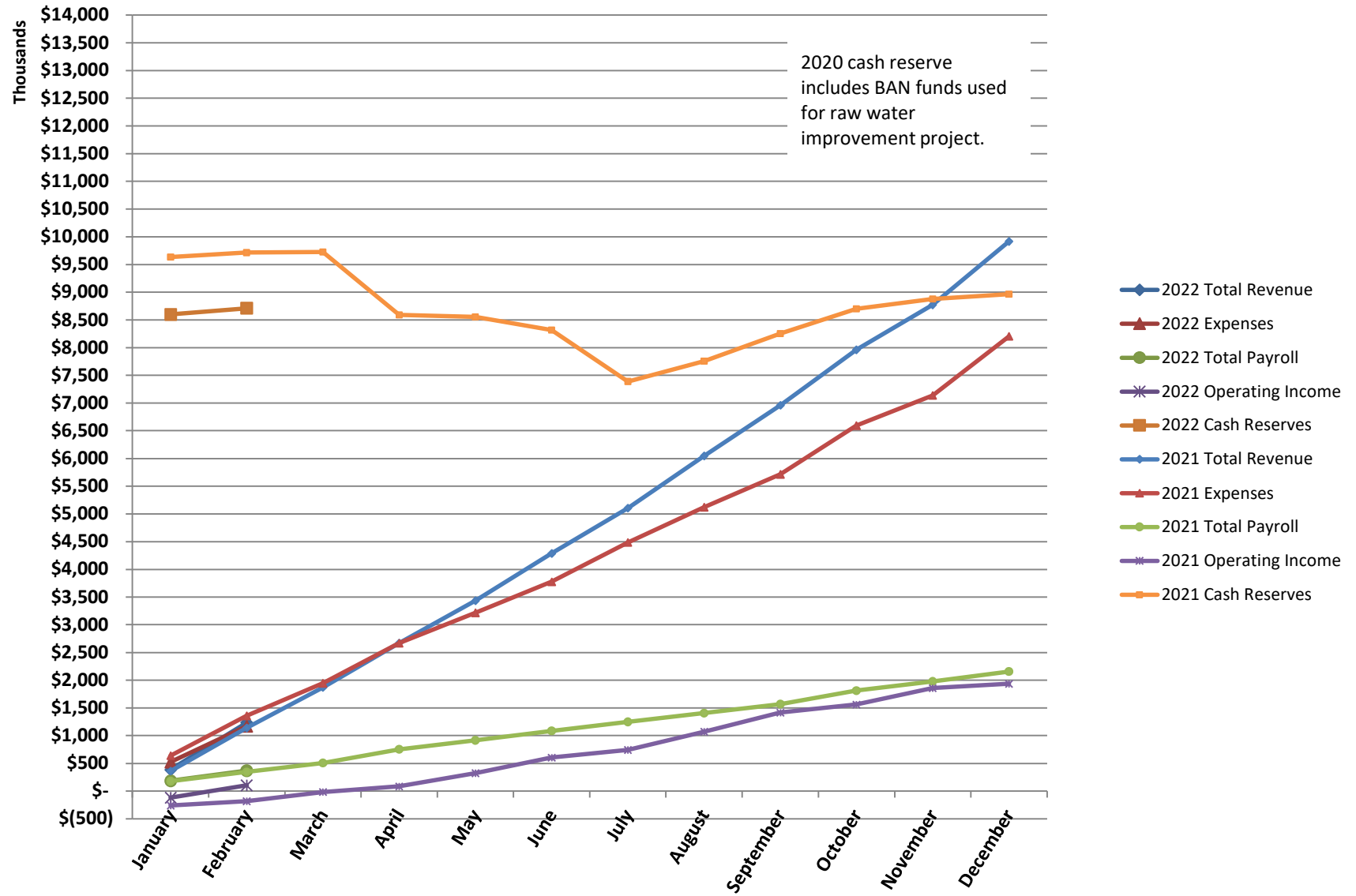
 PRESIDENT

 SECRETARY

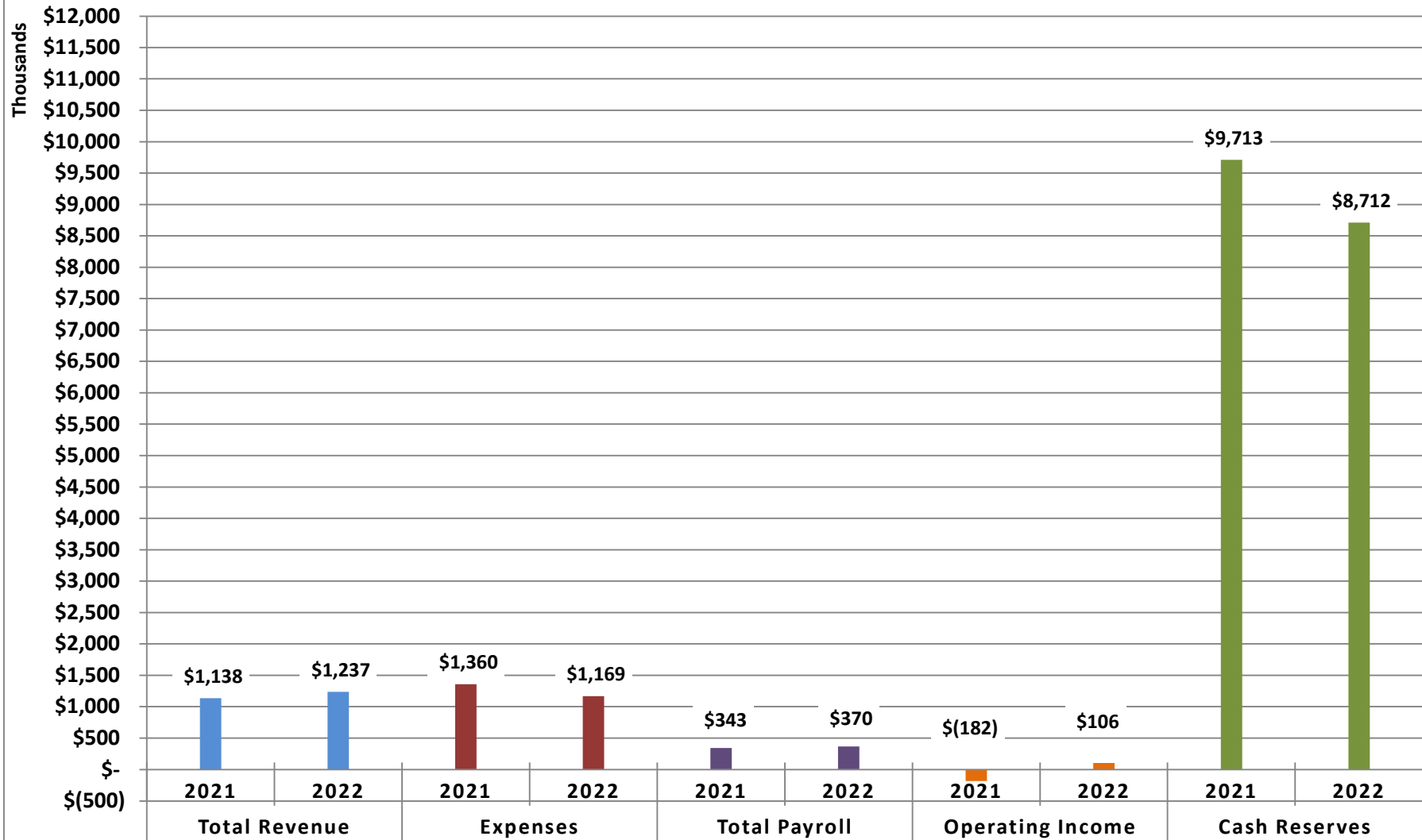
 MEMBER

 SUPERINTENDENT

SHEBOYGAN WATER UTILITY FEBRUARY 2022 MONTHLY FINANCIAL TREND

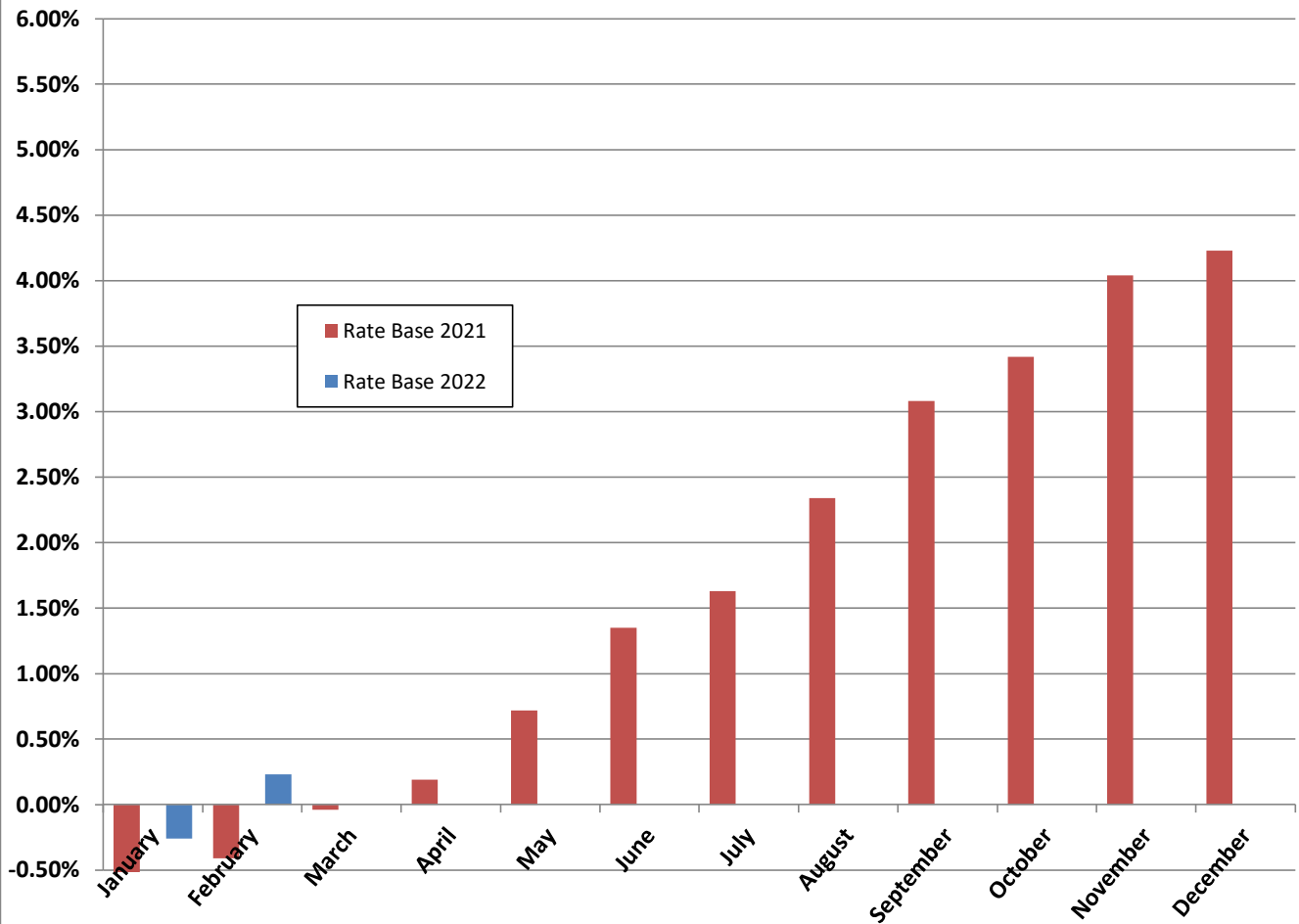


SHEBOYGAN WATER UTILITY FEBRUARY 2022 YTD FINANCIAL POSITION

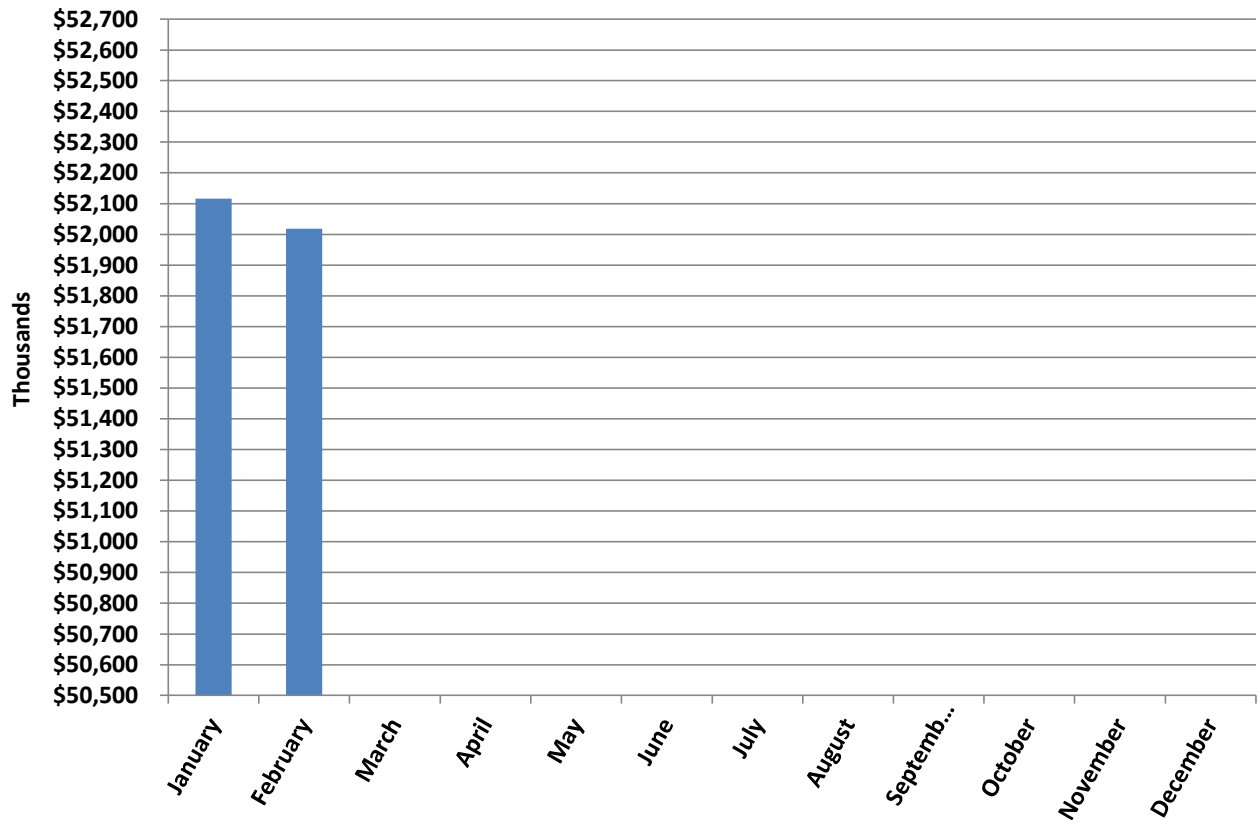


SHEBOYGAN WATER UTILITY FEBRUARY 2022 RETURN ON RATE BASE

Item 3.



SHEBOYGAN WATER UTILITY FEBRUARY 2022 UTILITY PLANT BALANCE





REPORT OF BILLING

JANUARY 2022

	<u>2022</u>	<u>2021</u>	Increase or (Decrease)
<u>Quarterly Metered*</u>			
(Dist II - between Union and Superior Ave.)			
Residential	186,669.16	192,864.25	(6,195.09)
Multi-Family	26,815.03	27,374.06	(559.03)
Commercial	59,988.16	56,188.00	3,800.16
Industrial	5,000.40	5,807.87	(807.47)
Public	<u>11,364.83</u>	<u>8,351.82</u>	<u>3,013.01</u>
Subtotal	289,837.58	290,586.00	(748.42)

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

Public Fire Protection	68,114.75	68,250.88	(136.13)
Monthly Metered	<u>296,417.68</u>	<u>283,104.56</u>	<u>13,313.12</u>
Sheboygan Net	654,370.01	641,941.44	12,428.57
Sheboygan Falls	48,751.40	46,551.65	2,199.75
Kohler	<u>24,804.45</u>	<u>23,108.70</u>	<u>1,695.75</u>
Total	727,925.86	711,601.79	16,324.07

Total accumulative billing for 2022 is \$727,925.86. An increase of \$16,324.07 from 2021 accounted for as follows:

	<u>2022-Total Year to Date</u>
Sheboygan	12,428.57
Sheboygan Falls	2,199.75
Kohler	<u>1,695.75</u>
	16,324.07

Total bills mailed January, 2022: 6,377

Residential	5,292	Multi-Family	7
Multi-Family	115	Commercial	21
Commercial	776	Industrial	66
Industrial	37	Public	8
Public	<u>55</u>		
Quarterly	6,275	Monthly	102



RETURN ON RATE BASE

January 31, 2022

	JANUARY 2022	JANUARY 2021
<u>Add 2 YR Average</u>		
Utility Plant Balance	\$ 69,046,228	\$ 66,090,262
Materials and Supplies Inventory	\$ 252,653	\$ 270,731
<u>Less 2 YR Average</u>		
Reserve for Depreciation	\$ 23,738,645	\$ 22,264,223
Customer Adv for Const	\$ -	\$ -
Average Rate Base	\$ 45,560,236	\$ 44,096,770
Net Operating Income YTD	\$ (117,762)	\$ (258,267)
Net Operating Income As a Percent of Average Net Rate Base	<u>-0.26%</u>	<u>-0.59%</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
January 31, 2022

Ending balance on report for December 31, 2021	<u>8,962,734.88</u>
Plus: Receipts	430,221.81
Misc Receipts	77,891.40
Direct Pay Receipts	309,917.97
Stop Loss Reimbursements	-
Money Market/CDARs Investment Interest	338.21
Minus:	
Disbursements - vendors and payroll	(1,047,926.05)
Bank Service Fees	(865.66)
Health & Dental Claims/Adm Costs	(116,188.37)
NSF Checks & Customer Refunds	(489.88)
Invoice Cloud/Paymentech Deposit Fees	(5,062.20)
Reallocate Sewer/Garbage - payments	(3,862.92)
Reallocate Sewer/Garbage - monthly	(463.58)
Online Payments in Transit	6,014.80
Automated Credit Card Payments	(1,811.75)
Postage	(5,000.00)
Utility Water Payments	(7,682.86)
Ending Balance January 31, 2022	<u>\$ 8,597,765.80</u>

Note: The above amount includes:

Bond Reserve Fund	668,413.54
LSL Revolving Loan Fund	113,683.49
Money Market Investment	3,982,692.55
Health Insurance Restricted Reserve	380,000.00
BAN Funds for Construction	540,103.93
Total	<u>\$ 5,684,893.51</u>

General Unrestricted Operating Cash	2,912,872.29
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STATEMENT OF NET POSITION
JANUARY 31, 2022 AND 2021

<u>Assets and Other Debits Utility Plant</u>	<u>Year to Date 2022</u>	<u>Year to Date 2021</u>	<u>Liabilities and Other Credits</u>	<u>Year to Date 2022</u>	<u>Year to Date 2021</u>
			<u>Proprietary Capital</u>		
Utility Plant	78,487,291	75,479,280	Capital Paid by Municipal	1,640,701	1,640,701
Depreciation- Utility Plant	26,370,704	24,844,165	Unapprop. Earned Surplus	46,689,265	44,834,744
Net Utility Plant	<u>\$ 52,116,587</u>	<u>\$ 50,635,114</u>	Total Proprietary Capital	<u>\$ 48,329,966</u>	<u>\$ 46,475,445</u>
<u>Other Property and Investments</u>			Bonds, Loans & Advances	12,604,954	13,677,170
Appropriated Funds	1,033,787	2,389,368	Total Long Term Debt	<u>\$ 12,604,954</u>	<u>\$ 13,677,170</u>
Bond Redemption Fund	668,414	688,824			
Net Pension Asset ¹	769,762	411,147			
Deferred Outflow - Pension & OPEB ¹	1,402,233	1,038,866	<u>Current & Accrued Liabilities</u>		
Total Other Prop & Investment	<u>\$ 3,874,196</u>	<u>\$ 4,528,205</u>	Accounts Payable	-	1,370
			Accrued Liabilities	790,293	805,114
			Total Current & Accrued Liab.	<u>\$ 790,293</u>	<u>\$ 806,484</u>
<u>Current and Accrued Assets</u>			<u>Deferred Credits</u>		
Cash & Investments	6,896,315	6,553,162	Bond Premium	182,105	217,974
Accounts Receivable	1,271,637	1,271,140	Pre 2003 Depr on Contributed Assets	48,127	73,260
LSL Loan Receivable ³	250,637	70,595	Other Deferred Credits ³	45	0
Grant Receivable - Restricted ²	8,250	0		<u>\$ 230,277</u>	<u>\$ 291,234</u>
Materials & Supplies Inventory	229,662	275,644			
Prepaid Expenses	28,432	65,449	<u>Operating Reserves</u>		
Total Current & Accrued Assets	<u>\$ 8,684,932</u>	<u>\$ 8,235,989</u>	Net Pension & OPEB Liability ¹	357,040	324,886
			Deferred Inflow - Pension & OPEB ¹	1,752,555	1,260,697
Total Assets and Debits	<u>\$ 64,675,715</u>	<u>\$ 63,399,308</u>	Accrued Vac & Sick Leave	610,630	563,392
			Total Operating Reserve	<u>\$ 2,720,225</u>	<u>\$ 2,148,975</u>
			Total Liab & Other Credits	<u>\$ 64,675,715</u>	<u>\$ 63,399,308</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
JANUARY 31, 2022 AND 2021

	2022		2021		Incr (Decr)	% Incr/Decr
	MONTH	YTD	MONTH	YTD	YTD	YTD
Sales Revenue ¹	\$ 379,437	\$ 379,437	\$ 358,824	\$ 354,227	\$ 25,210	7.12%
Other Water Revenue ²	\$ 5,441	\$ 5,441	\$ 480	\$ 5,077	\$ 364	7.17%
Total Operating Revenues	\$ 384,878	\$ 384,878	\$ 359,304	\$ 359,304	\$ 25,574	7.12%
Operating Expenses ³	245,673	245,673	361,014	361,014	(115,340)	-31.95%
Maintenance Expenses ⁴	46,068	46,068	40,938	40,938	5,130	12.53%
Depreciation Expenses	148,953	148,953	147,953	147,953	1,000	0.68%
Taxes	61,945	61,945	67,667	67,667	(5,722)	-8.46%
Total Operating Expenses	\$ 502,640	\$ 502,639	\$ 617,570	\$ 617,570	\$ (114,932)	-18.61%
Utility Operating Income	\$ (117,762)	\$ (117,761)	\$ (258,267)	\$ (258,267)	\$ 140,506	-54.40%
Other Income & Expense						
Non-operating Grant Revenue	-	-	-	-	-	
Non-Operating Grant Expenses	-	-	-	-	-	
Bond Premium	2,989	2,989	2,989	2,989	-	
Interest Earned on Investments	537	537	1,668	1,668	(1,131)	
Contributions	-	-	-	-	-	
Other Expense	-	-	-	-	-	
Misc Amortization	2,094	2,094	2,094	2,094	-	
Bond Interest Expense	(25,620)	(25,620)	(27,125)	(27,125)	1,506	
Change in Net Position	\$ (137,761)	\$ (137,761)	\$ (278,641)	\$ (278,641)	\$ 140,881	

¹ The increase in Sales Revenue is due to a rate increase that was implemented February 1, 2022.

² The increase in Other Revenues is due to a final settlement received in 2022 for the purchase of liquid alum.

³ The decrease in Operating Expense is due to a decrease in medical claims from this period last year.

⁴ The increase in Maintenance Expense is due an increase in water main breaks from this period last year.



APPROVAL OF VOUCHERS
January 31, 2022

<u>Total Of The General Vouchers *</u>	<u>\$ 873,984.95</u>
<u>Gross Payroll</u>	<u>\$ 184,734.87</u>
<u>Net Payroll</u>	<u>\$ 113,934.32</u>

*Payment of 1st half 2021 PILOT to City

BOARD OF WATER COMMISSIONERS

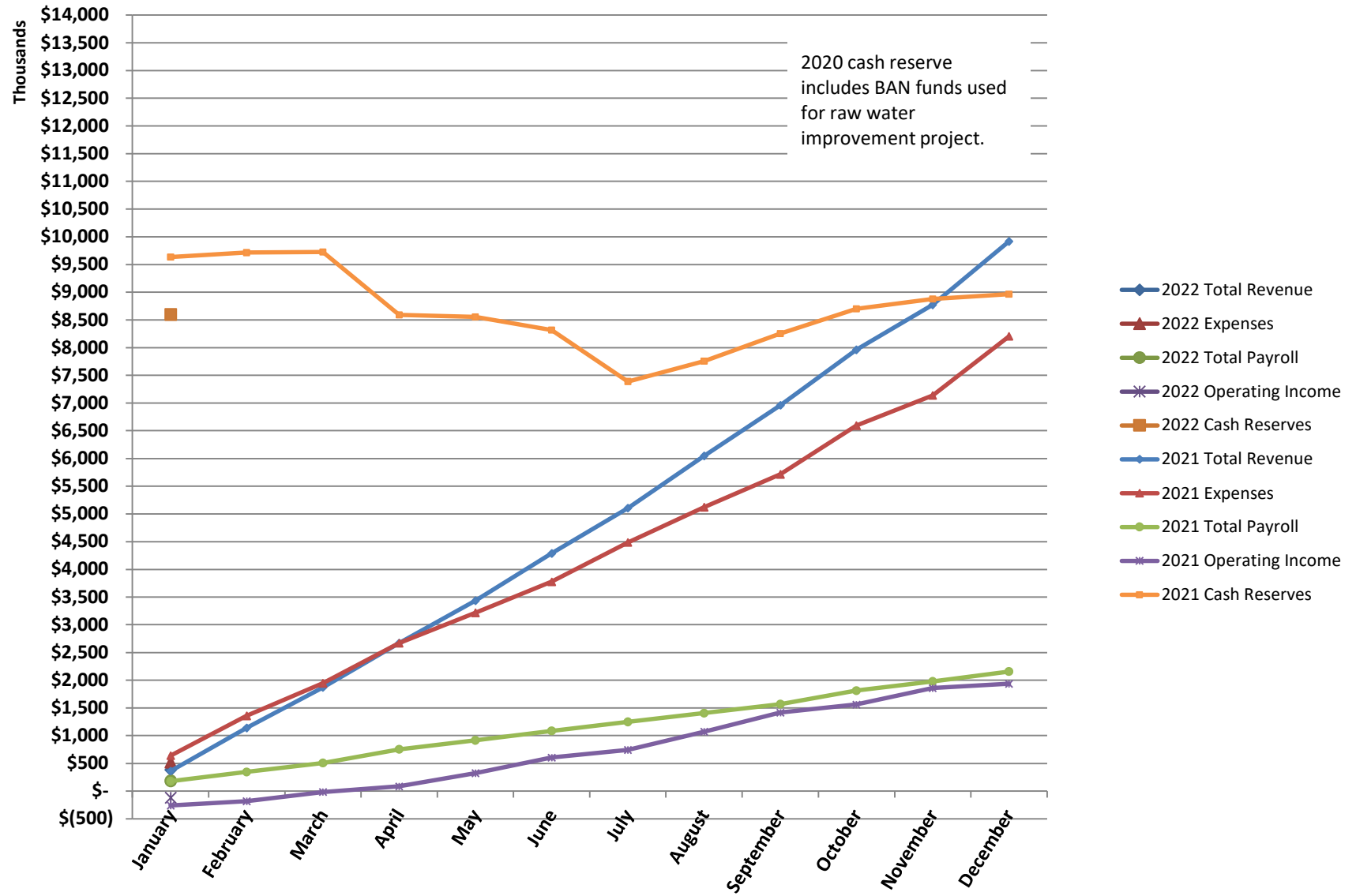
 PRESIDENT

 SECRETARY

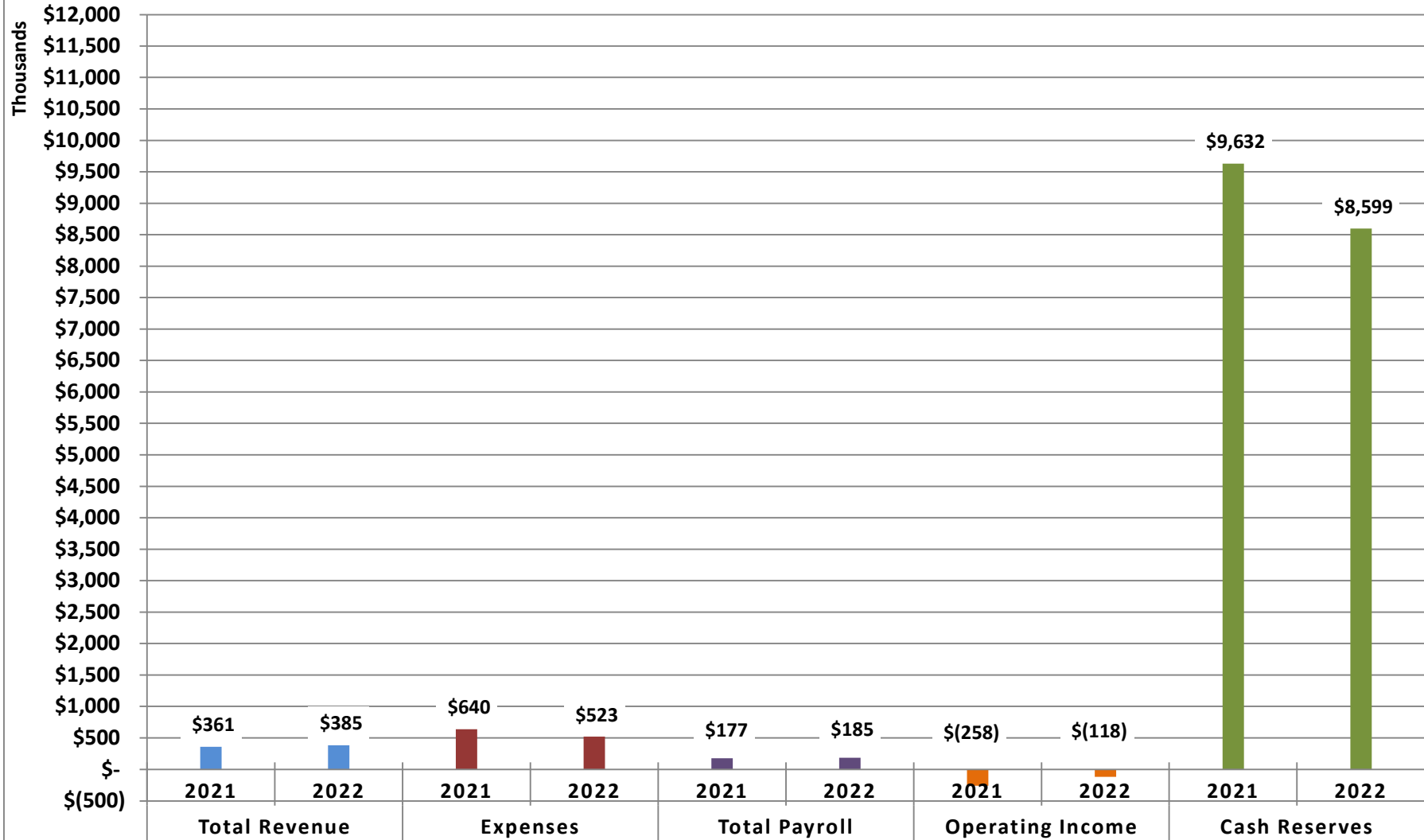
 MEMBER

 SUPERINTENDENT

SHEBOYGAN WATER UTILITY JANUARY 2022 MONTHLY FINANCIAL TREND

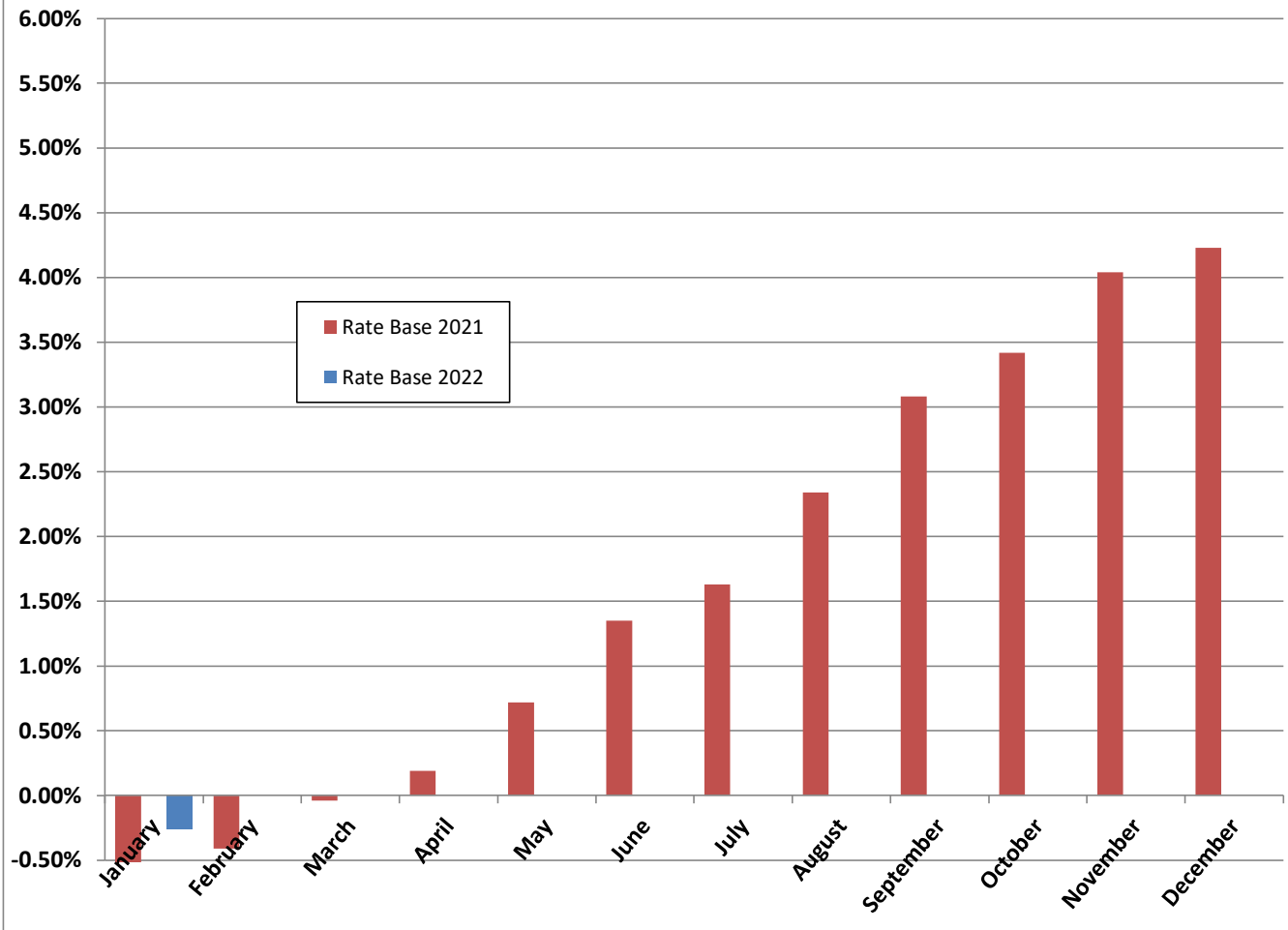


SHEBOYGAN WATER UTILITY JANUARY 2022 YTD FINANCIAL POSITION

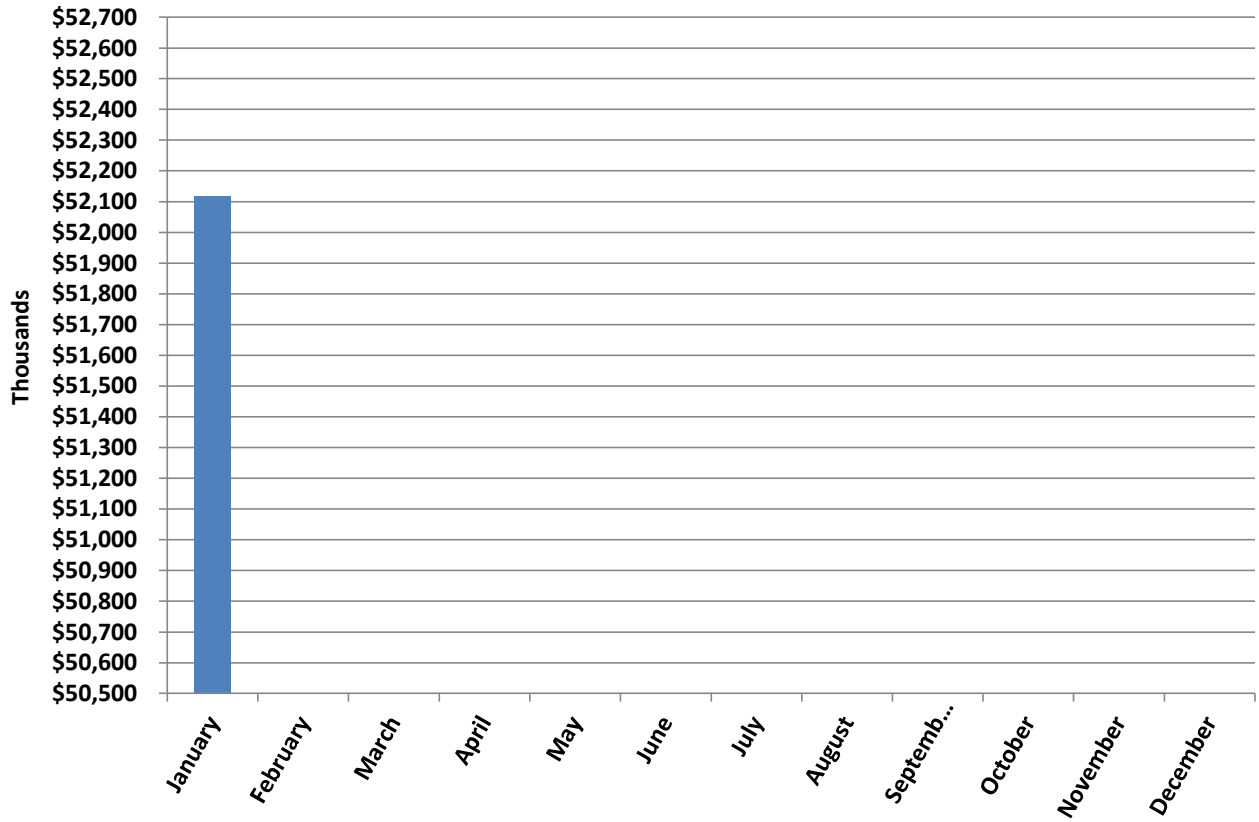


**SHEBOYGAN WATER UTILITY
JANUARY 2022 RETURN ON RATE BASE**

Item 3.



**SHEBOYGAN WATER UTILITY
JANUARY 2022 UTILITY PLANT BALANCE**





REPORT OF BILLING

MARCH 2022

	<u>2022</u>	<u>2021</u>	Increase or (Decrease)
<u>Quarterly Metered*</u>			
(Dist I - north of Superior Ave)			
Residential	231,922.28	223,445.18	8,477.10
Multi-Family	17,338.33	17,336.72	1.61
Commercial	11,529.49	12,156.98	(627.49)
Industrial	673.56	459.48	214.08
Public	<u>3,146.70</u>	<u>2,518.50</u>	<u>628.20</u>
Subtotal	264,610.36	255,916.86	8,693.50

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

Public Fire Protection	64,996.21	63,778.38	1,217.83
Flat Rate	31,412.39	31,604.01	(191.62)
Monthly Metered	<u>347,384.34</u>	<u>301,844.30</u>	<u>45,540.04</u>
Sheboygan Net	708,403.30	653,143.55	55,259.75
Sheboygan Falls	47,124.04	44,598.65	2,525.39
Kohler	<u>27,232.78</u>	<u>25,428.60</u>	<u>1,804.18</u>
Total	782,760.12	723,170.80	59,589.32

Total accumulative billing for 2022 is \$2,346,491.09. An increase of \$143,038.57 from 2021 accounted for as follows:

	<u>2022-Total Year to Date</u>
Sheboygan	123,556.06
Sheboygan Falls	12,686.32
Kohler	<u>6,796.19</u>
	143,038.57

Total bills mailed March, 2022: 6,949

Residential	6,213	Residential	3
Multi-Family	87	Multi-Family	11
Commercial	211	Commercial	190
Industrial	9	Industrial	65
Public	35	Public	20
Quarterly	6,555	Monthly	105
		Flat Rate	289



RETURN ON RATE BASE

March 31, 2022

	MARCH 2022	MARCH 2021
<u>Add 2 YR Average</u>		
Utility Plant Balance	\$ 69,392,058	\$ 66,498,383
Materials and Supplies Inventory	\$ 251,894	\$ 269,309
<u>Less 2 YR Average</u>		
Reserve for Depreciation	\$ 24,025,688	\$ 22,543,533
Customer Adv for Const	\$ 1,564	\$ -
Average Rate Base	\$ 45,616,701	\$ 44,224,159
Net Operating Income YTD	\$ 286,947	\$ (16,078)
Net Operating Income As a Percent of Average Net Rate Base	<u>0.63%</u>	<u>-0.04%</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

March 31, 2022

Ending balance on report for February 28, 2022	<u>8,710,823.37</u>
Plus: Receipts	691,207.21
Misc Receipts	10,864.87
Direct Pay Receipts	349,828.39
Allocation Error	11,181.93
Money Market/CDARs Investment Interest	338.27
Minus:	
Disbursements - vendors and payroll	(413,912.52)
Bank Service Fees	(799.28)
Health & Dental Claims/Adm Costs	(69,266.10)
NSF Checks & Customer Refunds	(775.88)
Invoice Cloud/Paymentech Deposit Fees	(5,067.92)
Reallocate Sewer/Garbage - payments	-
Reallocate Sewer/Garbage - monthly	726.58
Deposit Error	(300.00)
Allocation Error	(11,313.20)
TDS Cell Tower Rent	29,482.94
Automated Credit Card Payments	(3,675.00)
Postage	(4,000.00)
Utility Water Payments	(1,720.21)
Ending Balance March 31, 2022	<u>\$ 9,293,623.45</u>

Note: The above amount includes:

Bond Reserve Fund	668,413.54
LSL Revolving Loan Fund	125,567.38
Money Market Investment	3,983,336.33
Health Insurance Restricted Reserve	380,000.00
BAN Funds for Construction	489,828.93
Total	<u>\$ 5,647,146.18</u>

General Unrestricted Operating Cash	3,646,477.27
-------------------------------------	--------------



STATEMENT OF NET POSITION
MARCH 31, 2022 AND 2021

<u>Assets and Other Debits Utility Plant</u>	<u>Year to Date 2022</u>	<u>Year to Date 2021</u>	<u>Liabilities and Other Credits</u>	<u>Year to Date 2022</u>	<u>Year to Date 2021</u>
			<u>Proprietary Capital</u>		
Utility Plant	78,586,511	76,071,720	Capital Paid by Municipal	1,640,701	1,640,701
Depreciation- Utility Plant	26,678,412	25,151,325	Unapprop. Earned Surplus	47,059,015	45,036,449
Net Utility Plant	<u>\$ 51,908,100</u>	<u>\$ 50,920,395</u>	Total Proprietary Capital	<u>\$ 48,699,716</u>	<u>\$ 46,677,150</u>
<u>Other Property and Investments</u>			Bonds, Loans & Advances	12,604,954	13,659,038
Appropriated Funds	995,396	2,019,245	Total Long Term Debt	<u>\$ 12,604,954</u>	<u>\$ 13,659,038</u>
Bond Redemption Fund	668,414	688,824			
Net Pension Asset ¹	769,762	411,147			
Deferred Outflow - Pension & OPEB ¹	1,402,233	1,038,866	<u>Current & Accrued Liabilities</u>		
Total Other Prop & Investment	<u>\$ 3,835,805</u>	<u>\$ 4,158,082</u>	Accounts Payable	-	481
			Accrued Liabilities	1,049,849	1,058,314
			Total Current & Accrued Liab.	<u>\$ 1,049,849</u>	<u>\$ 1,058,795</u>
<u>Current and Accrued Assets</u>			<u>Deferred Credits</u>		
Cash & Investments	7,630,564	7,020,398	Bond Premium	176,127	211,995
Accounts Receivable	1,415,481	1,341,621	Pre 2003 Depr on Contributed Assets	43,938	69,071
LSL Loan Receivable ³	237,275	79,404	Other Deferred Credits ³	0	0
Grant Receivable - Restricted ²	8,250	0		<u>\$ 220,065</u>	<u>\$ 281,067</u>
Materials & Supplies Inventory	233,192	270,596			
Prepaid Expenses	32,010	47,047	<u>Operating Reserves</u>		
Total Current & Accrued Assets	<u>\$ 9,556,772</u>	<u>\$ 8,759,067</u>	Net Pension & OPEB Liability ¹	357,040	324,886
			Deferred Inflow - Pension & OPEB ¹	1,752,555	1,260,697
			Accrued Vac & Sick Leave	616,498	575,911
Total Assets and Debits	<u>\$ 65,300,677</u>	<u>\$ 63,837,543</u>	Total Operating Reserve	<u>\$ 2,726,093</u>	<u>\$ 2,161,494</u>
			Total Liab & Other Credits	<u>\$ 65,300,677</u>	<u>\$ 63,837,543</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
MARCH 31, 2022 AND 2021

	2022		2021		Incr (Decr)	% Incr/Decr
	MONTH	YTD	MONTH	YTD	YTD	YTD
Sales Revenue ¹	\$ 822,746	\$ 2,047,421	\$ 728,732	\$ 1,851,859	\$ 195,563	10.56%
Other Water Revenue ²	\$ 5,383	\$ 15,649	\$ 1,009	\$ 11,097	\$ 4,552	41.02%
Total Operating Revenues	\$ 828,129	\$ 2,063,070	\$ 729,742	\$ 1,862,956	\$ 200,114	10.74%
Operating Expenses ³	319,366	868,938	254,563	1,005,581	(136,643)	-13.59%
Maintenance Expenses ⁴	89,246	219,331	71,039	182,371	36,960	20.27%
Depreciation Expenses	130,670	410,322	129,969	407,888	2,434	0.60%
Taxes	107,872	277,533	108,038	283,196	(5,663)	-2.00%
Total Operating Expenses	\$ 647,154	\$ 1,776,122	\$ 563,607	\$ 1,879,034	\$ (102,912)	-5.48%
Utility Operating Income	\$ 180,975	\$ 286,948	\$ 166,135	\$ (16,078)	\$ 303,026	-1884.73%
Other Income & Expense						
Non-operating Grant Revenue	-	-	-	-	-	
Non-Operating Grant Expenses	-	-	-	-	-	
Bond Premium	2,989	8,967	2,989	8,967	-	
Interest Earned on Investments	338	2,348	1,677	6,059	(3,711)	
Contributions	3,128	3,128	-	-	3,128	
Other Expense	-	-	-	-	-	
Misc Amortization	2,094	6,283	2,094	6,283	-	
Bond Interest Expense	(25,033)	(75,685)	(27,359)	(82,168)	6,483	
Change in Net Position	\$ 164,492	\$ 231,989	\$ 145,536	\$ (76,936)	\$ 308,926	

¹ The increase in Sales Revenue is due to a rate increase that was implemented February 1, 2022.

² The increase in Other Revenues is due to a final settlement received in 2022 for the purchase of liquid alum.

³ The decrease in Operating Expense is due to a decrease in medical claims from this period last year.

⁴ The increase in Maintenance Expense is due an increase in water main breaks over prior year, treatment structures and transmission structures maintenance.



APPROVAL OF VOUCHERS
March 31, 2022

<u>Total Of The General Vouchers</u>	<u>\$ 241,478.11</u>
<u>Gross Payroll</u>	<u>\$ 183,803.70</u>
<u>Net Payroll</u>	<u>\$ 111,955.63</u>

BOARD OF WATER COMMISSIONERS

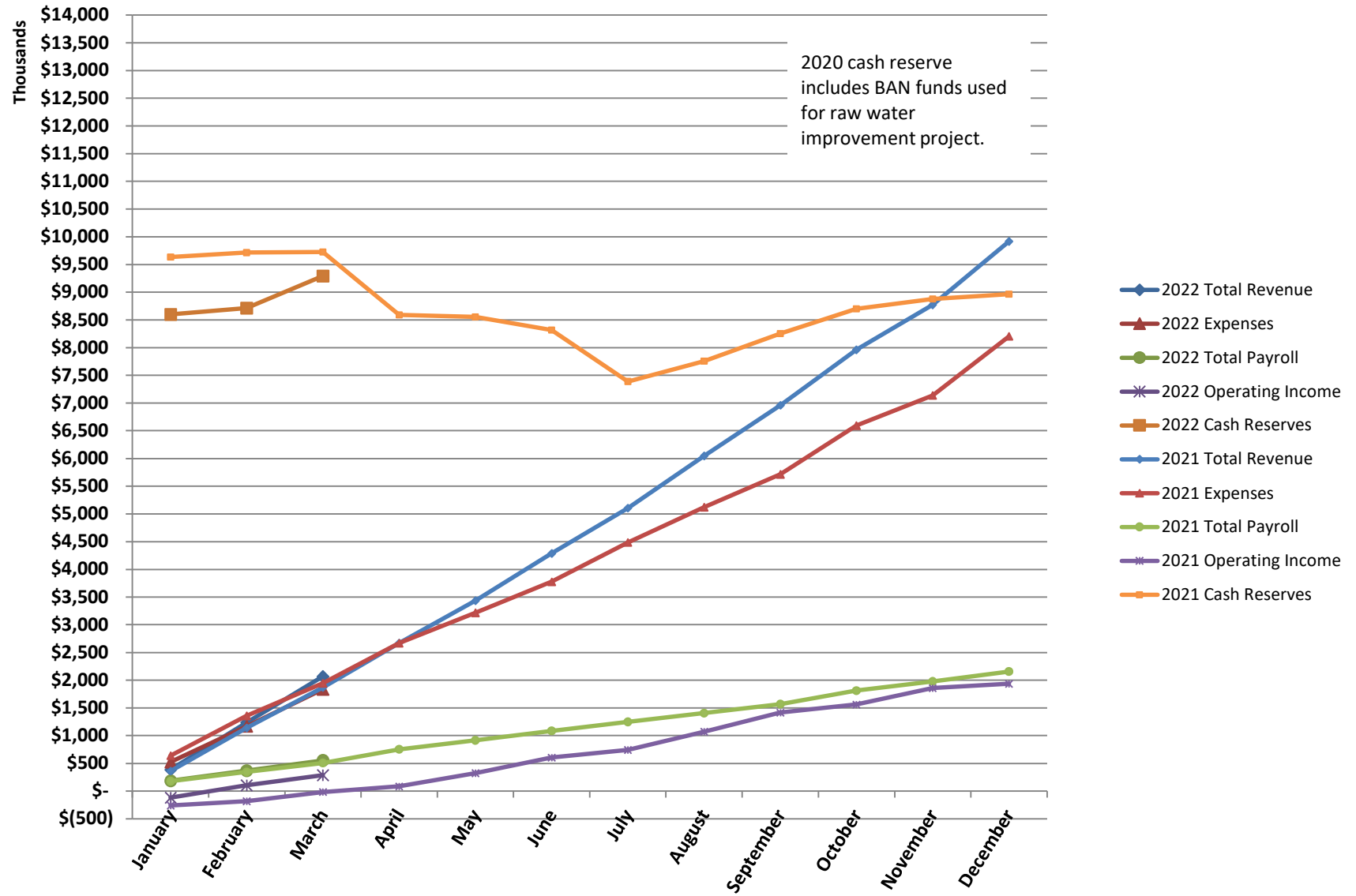
 PRESIDENT

 SECRETARY

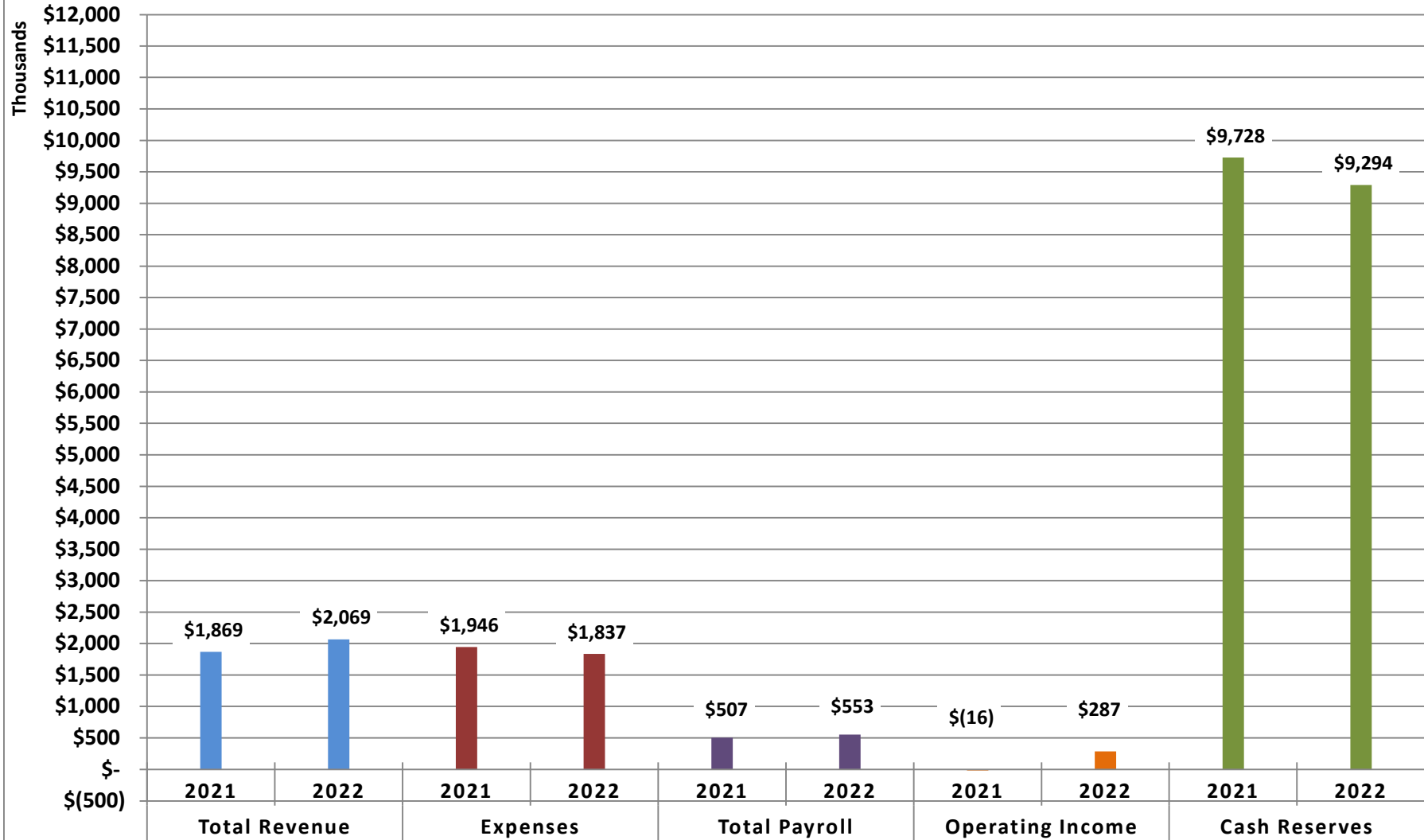
 MEMBER

 SUPERINTENDENT

SHEBOYGAN WATER UTILITY MARCH 2022 MONTHLY FINANCIAL TREND

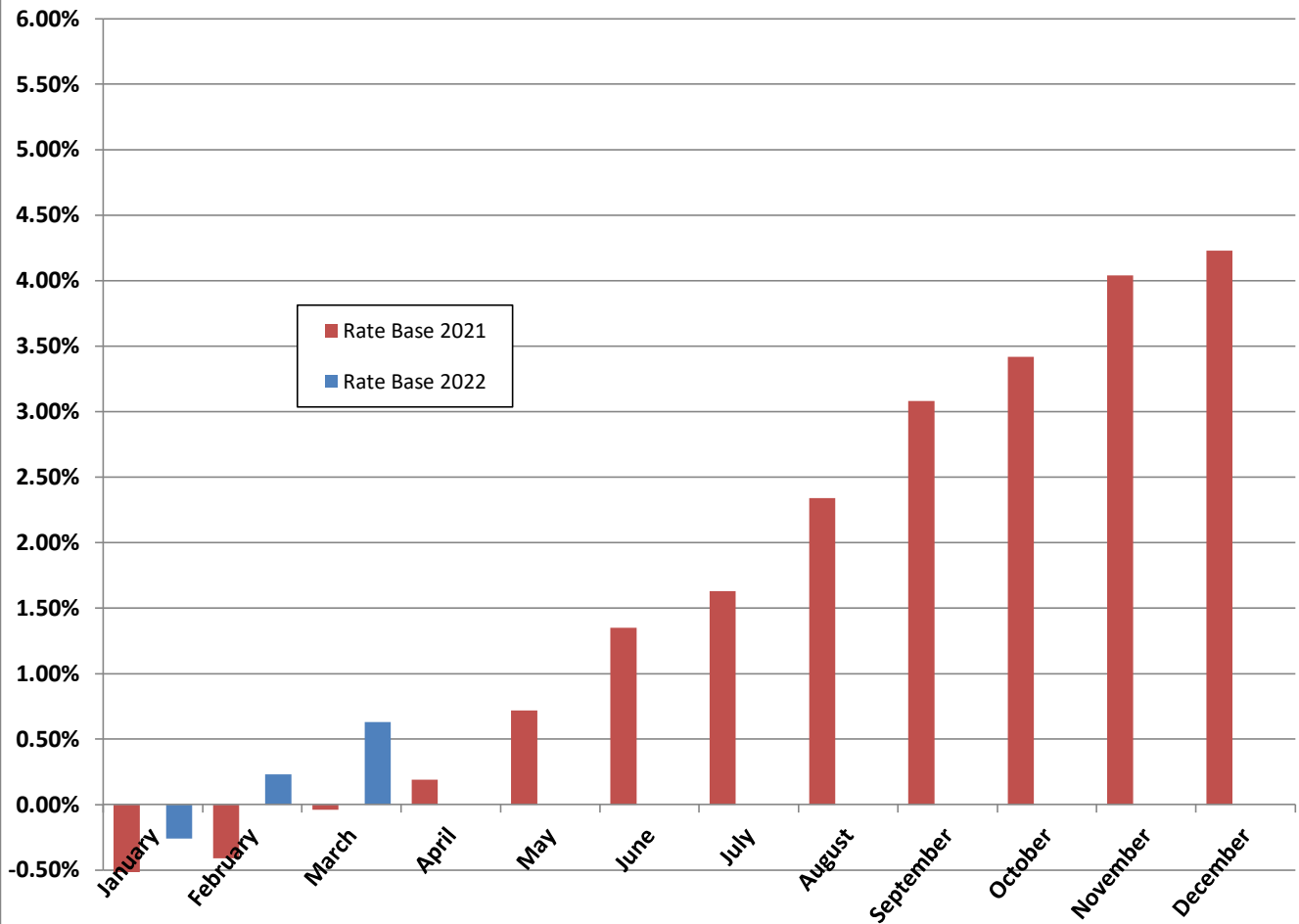


SHEBOYGAN WATER UTILITY MARCH 2022 YTD FINANCIAL POSITION

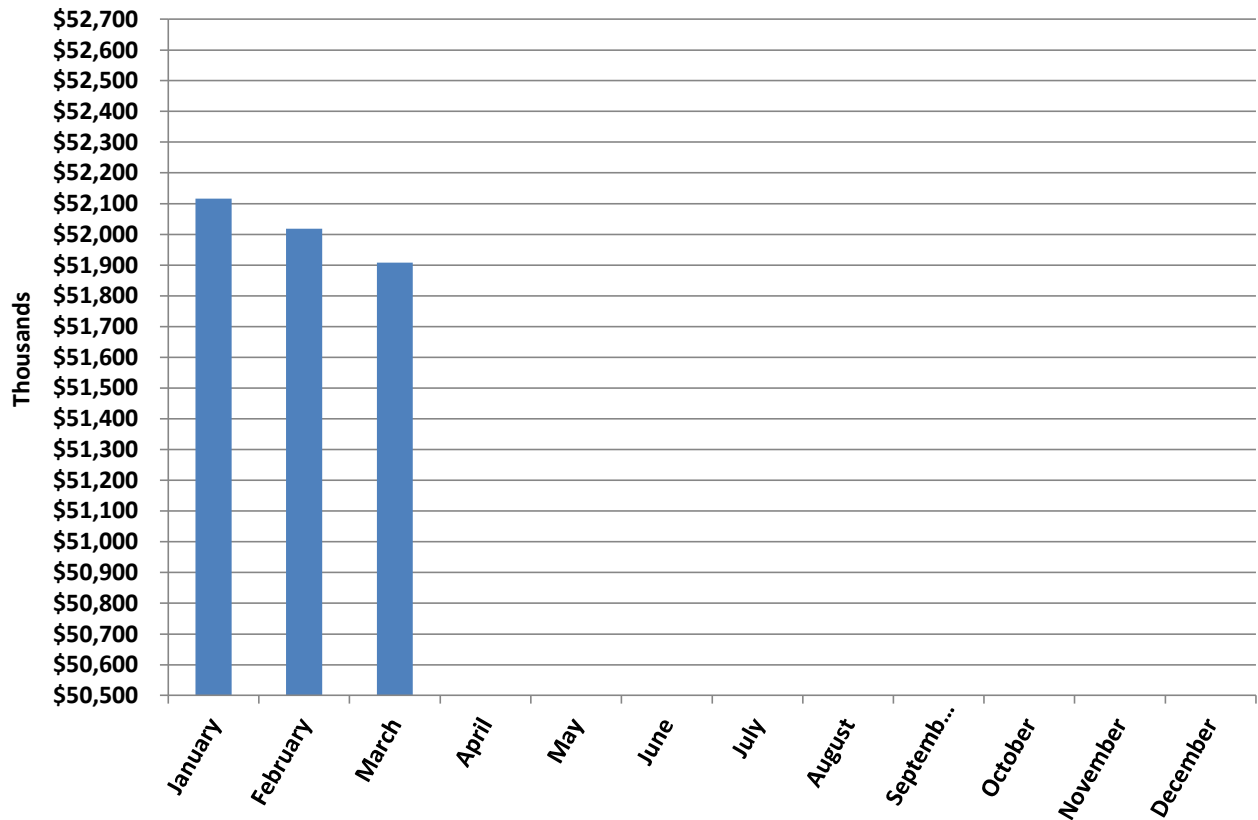


SHEBOYGAN WATER UTILITY MARCH 2022 RETURN ON RATE BASE

Item 3.

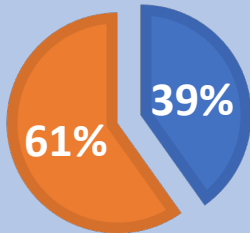


SHEBOYGAN WATER UTILITY MARCH 2022 UTILITY PLANT BALANCE

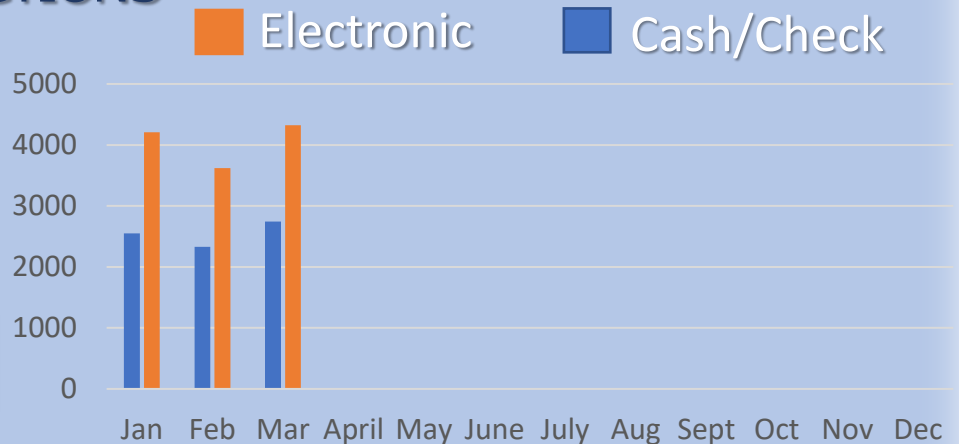


CUSTOMER RELATIONS & FISCAL SUMMARY

PAYMENT TRANSACTIONS



7,066
Total # of March
Payments Processed



COLLECTIONS

District 1

\$970,125

Billed

\$217,893

Outstanding
After Due Date

1378

Past Due Letters Mailed

87

Disconnection
Letters Mailed

8

Properties Disconnected

\$59,517

Outstanding At
Month End

PAYMENTS BY SOURCE

	March 2021	March 2022
Payment Window	317	389
Drop Box Payments	318	174
Electronic Payments	4141	4324
Cash/Check Payments	2432	2179
Total Payments	7208	7066

Payments Returned NSF **13**

UTILITY BILLS

Mailed
5,513

Paperless
990



**MARCH
2022**

CUSTOMER RELATIONS & FISCAL SUMMARY

PROPERTY TRANSACTIONS

	March 2021	March 2022
Account Transfers <i>(Finals)</i>	228	176
Property Data Requests	90	94

PSC COMPLAINTS

0 PSC Complaint(s) Filed

ACCOUNTS PAYABLE

150 Invoices Paid

CUSTOMER SERVICE



193

Customer Service Email
Requests Completed



751

USS Calls Answered



65:14

USS Hours
On the Phone



223

Lead ST Calls Completed
(Incoming & Outgoing)



16:42

Lead ST Hours
On the Phone

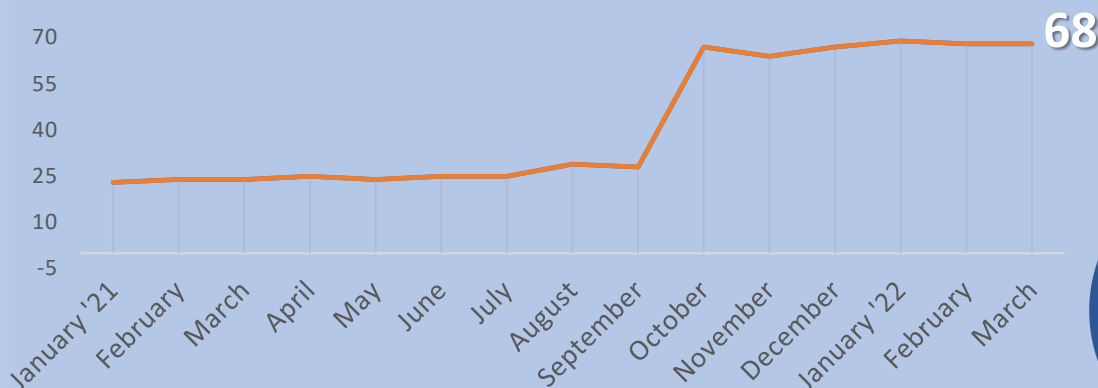
CUSTOMER ASSISTANCE PAYMENTS

Number of Payments Received: **19**

Total Dollars: **\$4,049**

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

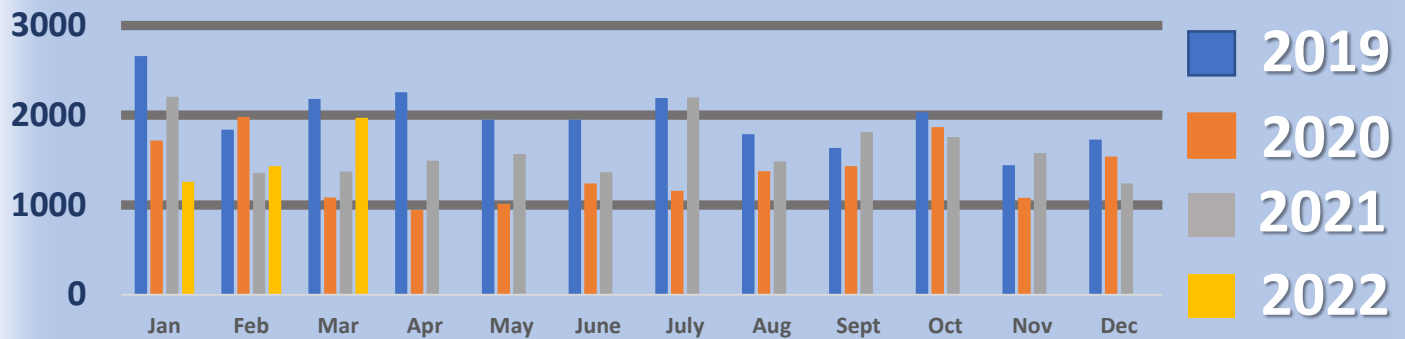
LEAD SERVICE LINE REPLACEMENT ACTIVE LOANS



**MARCH
2022**

CUSTOMER RELATIONS & FISCAL SUMMARY

SERVICE TECH MILES DRIVEN



CROSS CONNECTION

136 Inspections by SWU
107 Inspections by Hydro Corp



32 Facilities with Compliance Issues

LEAD EDUCATION

18 WDNR Lead in Drinking Water brochures distributed at home visits

TROUBLESHOOTING WORK ORDERS COMPLETED

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

LEAK ALLOWANCES ISSUED

3 Customer Requests **2018** CCF Allowed @ Reduced Rate



SERVICE LEAKS

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

METERS

159 Meters Installed/Replaced
146 Meters Tested



MARCH
2022

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE



2 March New Followers

731 Total Followers

WEBSITE VISITORS

4,040

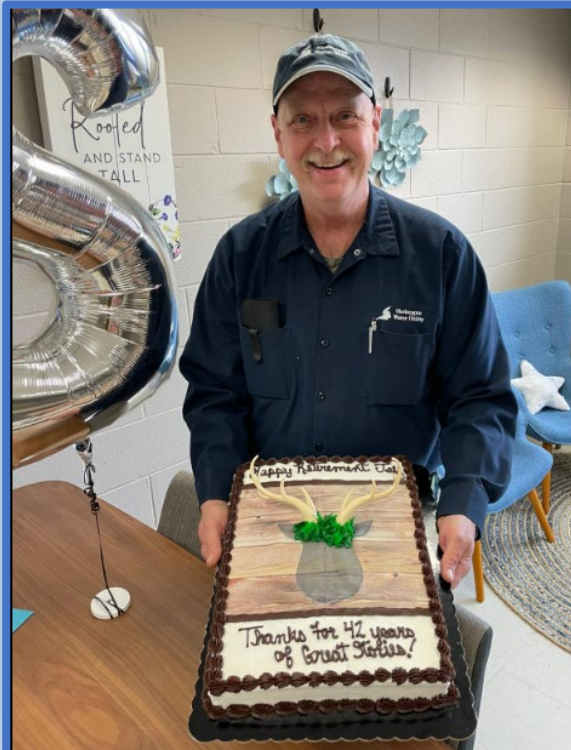


2021 Visits in March: 2,818

Top Page Viewed: Pay Your Bill

ADDITIONAL CR/F ACTIVITIES MARCH

- ◆ Service Techs continue their work changing out and testing water meters.
- ◆ USS Issued bills to District 1 and Monthly customers.
- ◆ CR/F Supervisor Attending WI AWWA Seminar on Cyber Security
- ◆ Service Tech retired after 42 years of service.



**MARCH
2022**

March 2022

OPERATIONS' DEPARTMENT MONTHLY REPORT

PUMPAGE	HIGH LIFT		LOW LIFT		2022 VS 2021
	2021	2022	2021	2022	HL
Total in MG	368.991	363.196	368.518	363.783	-1.57%
Daily Average (MG)	11.903	11.735	11.888	11.735	
Max. Day (MG)	13.954	12.938	13.867	13.046	2022 VS 2020
					HL
Gal/KwH	1,194	1,192	5,047	4,832	5.41%
ELECTRICAL COSTS					
A. Pumping:	2021		2022		
	KwH	\$	KwH	\$	
High Lift	305,456	\$22,289.32	302,349	\$22,443.33	
Low Lift	72,615	\$5,298.76	74,889	\$5,559.01	
Wash Pump 1	2,800	\$204.32	2,800	\$207.84	
Georgia St. Bstr.	49,800	\$4,521.58	51,600	\$5,044.52	
Wilgus Ave. Bstr.	3,100	\$381.44	3,500	\$470.30	
EE Pit / Bstr.	6,397	\$740.18	6,357	\$814.50	
Erie Ave. Bstr.	12,400	\$1,901.06	0	\$0.00	\$/KwH
Sub Total	452,568	\$35,336.66	441,495	\$34,539.51	0.2%
B. Treat./Fiscal/Misc.	2021		2022		
	KwH	\$	KwH	\$	
Office & Maint. Bldg.	4,026	\$364.07	3,910	\$407.83	
Filter Plant / Pump Station / 2nd Service	58,329	\$4,866.53	63,362	\$5,197.94	
Sub Total	62,355	\$5,230.60	67,272	\$5,605.77	\$/KwH -0.7%
C. Distribution:	2021		2022		
	KwH	\$	KwH	\$	
Taylor Hill Tank	2,495	\$304.69	2,529	\$339.83	
Kohler Meter Pit	0	\$0.00	0	\$0.00	
EE Tower	943	\$127.39	1,957	\$271.43	
Washington (PRV) Pit	1,423	\$192.33	1,509	\$223.04	
Sub Total	4,861	\$624.41	5,995	\$834.30	\$/KwH
Total Electrical Costs	519,784	\$41,191.67	514,762	\$40,979.58	0.5%
Electrical Cost / MG		\$111.63		\$112.64	
NATURAL GAS COSTS	2021		2022		
	CCF Used	Cost	CCF Used	Cost	
Production Facility	1,969	\$938.11			
South Basin	2,477	\$1,361.11	3,083	\$1,892.74	
Georgia St. Bstr.	110	\$107.85			
Erie Ave. Bstr.	270	\$179.44	362	\$255.20	
Wilgus Ave. Bstr.					
Office & Maint. Bldg.	950	\$519.37	941	\$584.53	\$/CCF
Total Natural Gas Costs	5,776	\$3,105.88	4,386	\$2,732.47	15.9%
Natural Gas Cost / MG		\$8.42		\$7.51	
CHEMICAL COSTS	2021		2022		
	Lbs. Used	Cost	Lbs. Used	Cost	
Alum	70,862	\$10,026.97	68,226	\$12,383.02	28.3%
Carbon	0	\$0.00	0	\$0.00	#DIV/0!
Chlorine	6,572	\$4,534.68	7,018	\$10,386.64	114.5%
Fluoride	1,731	\$1,881.60	1,856	\$2,579.84	27.9%
KMnO4	0	\$0.00	0	\$0.00	#DIV/0!
Cationic Polymer	1,208	\$1,872.40	1,417	\$2,196.97	0.0%
Liquid Phosphate	2,789	\$3,687.06	3,479	\$5,489.86	19.4%
Total Chemical Costs		\$22,002.71		\$33,036.33	50.1%
Chemical Cost / MG		\$59.63		\$90.81	
Grand Total		\$66,300.26		\$76,748.38	15.76%
Total Cost / MG		\$179.68		\$210.97	17.41%

YTD HL 2022 vs 2021	2.29%	YTD HL HIGH DAY PUMPAGE	13.987	February 17, 2022
YTD HL 2022 vs 2020	1.70%	YTD HL LOW DAY PUMPAGE	7.587	January 1, 2022

NOTE:

Electrical costs include an Alliant Energy 8.3% rate increase approved by PSC.
Not all WPS bills available.

	YTD HL Ave Day
2022	12.036
2021	11.752
2020	11.693

COMPARATIVE SUMMARY OF PLANT OPERATIONS

March 2021

vs

March 2022

Pumping Record

High Lift

Low Lift

	2021	2022	Diff.		2021	2022	Diff.
Tot. Water in MG	368.991	363.196	-1.57%	Tot. Water in MG	368.518	363.783	-1.28%
Daily Average	11.903	11.735	-1.41%	Daily Average	11.888	11.735	-1.29%
Maximum Day	13.954	12.938	-7.28%	Maximum Day	13.867	13.046	-5.92%
Minimum Day	7.925	9.904	24.97%	Minimum Day	8.158	9.979	22.32%
By Natural Gas	4.298	3.474	-19.17%	By Natural Gas	2.019	1.939	-3.96%
Power in KWH	305,456	302,349	-1.02%	Power in KWH	72,615	74,889	3.13%
Gals. per KWH	1,194	1,192	-0.19%	Gals. per KWH	5,047	4,832	-4.27%
Power \$ / KWH	\$0.07297	\$0.07423	1.73%	Power \$ / KWH	----	----	----
Power \$ / MG	\$60.41	\$61.69	\$1.28	Power \$ / MG	\$14.38	\$15.28	\$0.90
Tot. Power \$/MG	\$112.24	\$113.89	\$1.65	Tot. Power \$/MG	----	----	----

Treatment Chem.

Lbs. Used

Cost

Total Lbs.	2021	2022	Diff.	Total Cost	2021	2022	Diff.
Alum	70,862	68,226	-3.72%	Alum	\$10,026.97	\$12,383.02	\$2,356.05
Carbon			#DIV/0!	Carbon	\$0.00	\$0.00	\$0.00
Chlorine	6,572	7,018	6.79%	Chlorine	\$4,534.68	\$10,386.64	\$5,851.96
KMnO4	0	0	#DIV/0!	KMnO4	\$0.00	\$0.00	\$0.00
Polymer	1,208	1,417	17.33%	Polymer	\$1,872.40	\$2,196.97	\$324.57
Liquid Phosphate	2,789	3,479	24.74%	Liquid Phosphate	\$3,687.06	\$5,489.86	\$1,802.80
Lb/ MG:				Cost / MG:			
Alum	192.3	187.5	-2.47%	Alum	\$27.21	\$34.04	\$6.83
Carbon	0.0	0.0	#DIV/0!	Carbon	#DIV/0!	#DIV/0!	#DIV/0!
Chlorine	17.8	19.3	8.18%	Chlorine	\$12.31	\$28.55	\$16.25
KMnO4	0.0	0.0	#DIV/0!	KMnO4	#DIV/0!	#DIV/0!	#DIV/0!
Liquid Phosphate	7.6	9.6	26.36%	Liquid Phosphate	\$10.01	\$15.09	\$5.09

Fluoride:	2021	2022		Fluoride:	2021	2022	
Total Lbs.	1,731	1,856	7.22%	Cost	\$1,881.60	\$2,579.84	\$698.24
mg/l applied as F	0.67	0.67		Cost/MG	\$5.11	\$7.10	\$1.99
Av. Res. Pit. Tap	0.70	0.67					

Water Quality:

Raw

TAP

	2021	2022
Turbidity	13.10	7.80
pH	8.25	8.24
Alkalinity	114.8	114.0
MF (E-Coli)	2.1	4.6
Temperature	37.6	35.0
Wash-H2O % /LL	1.85	1.77
Av. Flt. Run/hrs	141.3	148.9
Av. ROF / MG	1.35	1.32

	2021	2022
Turbidity	0.028	0.060
pH	7.59	7.54
Alkalinity	102.7	102.7
Plate Count	0.00	0.00
Colilert	0	0
Temp.	38.9	36.2
Cl Res.	0.86	0.84

Natural Gas:

	2021	2022		2021	2022	Diff.
Nat. Gas Heating	1,893	2,700	Plant & South Basin	\$2,425.48	#DIV/0!	#DIV/0!
Nat. Gas Pumping	585	383		\$29.54	#DIV/0!	#DIV/0!

	CCF	Cost	Natural Gas Cost	Natural Gas CCF
#3 Gas Pump	117.8	#DIV/0!	\$1,892.74	3,083
#4 Gas Pump	4.5	#DIV/0!		
#7 Gas Pump	105.0	#DIV/0!		
Electric Generator	156.0	#DIV/0!		
Pumping totals	383.3	#DIV/0!		

March 2022

	4/1/2022	3/1/2022	
% Run	Elapsed Time:		
57.4%	No. 6 Pump	66,041.4	65,614.1 427.3
3.08%	Wash Pump Meter	5,396.99	5,374.11 22.88
0.6%	No. 7 Pump	746.6	742.4 4.2
0.3%	No. 8 Pump	59,535.6	59,533.6 2.0
99.2%	No. 9 Pump	18,204.0	17,466.0 738.0
0.0%	Wash Pump 2	0	0 0
	No. 1 Prime Pump	1,039.7	1,038.7 1.0
	No. 2 Prime Pump	1,109.3	1,107.7 1.6

Kw/Hr run	Watt-hour Meters:		
122.4	Wash Pump 1	1247.1	1243.1 2,800
60.1	No. 9 Pump	5426.94	5382.57 44,369
0.0	No. 8 Pump	6834.4	6834.4 0
71.4	No. 6 Pump	10236.3	10127.3 30,520
#DIV/0!	Wash Pump 2	0	0 0
#DIV/0!	No. 1 Pump	8716.245	8716.245 0
239.2	No. 2 Pump	4732.581	4725.403 7,178
296.2	No. 3 Pump	9688.486	9599.853 88,633
#DIV/0!	No. 4 Pump		0
479.9	No. 5 Pump	9,502.803	9,296.265 206,538

Garage (MWatt/Hrs.)	1,053.09	1,050.83	2,260
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Power Co. (Step #3)	35,463	35,093	444,000
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Left Meter - OUTSIDE

Volume Used:

Nat. Gas (Correct)	44,488,237	44,285,900	254,338
--------------------	------------	------------	---------

% Run	Elapsed Time:		
0.0%	No. 1 Pump	16,163.5	16,163.5 0.0
4.0%	No. 2 Pump	20,199.27	20,169.26 30.01
40.2%	No. 3 Elec. Pump	33,673.3	33,374.1 299.2
0.5%	No. 3 Nat. Gas Pump	521.7	517.9 3.8
0.0%	No. 4 Elec. Pump	0.00	0.00 0.0
0.0%	No. 4 Nat. Gas Pump	1,697.3	1,697.2 0.1
57.8%	No. 5. Pump	19,875.310	19,444.930 430.380
0.2%	UV Building Generator	118.9	117.4 1.5

	4/1/2022	3/1/2022	
SLUDGE No. 1 Hour Meter	0.0	0.0	0
SYSTEM No. 2 Mag Meter	3,818,690	3,403,699	414,991
Recycle Meter (Reset to zero each month)			414,991

Power Cost	\$0.0742299	Bill >>>>	\$34,828.66
	0.7501	KWH >>>	469,200
Init. Chg.	\$32,958.07		
	\$	KWH	
Kohler Pit			
Horizon	\$452.67		3,252
Taylor	\$339.83		2,529
ALT. 72 Park	\$450.06		600
Geo. Ave.	\$5,044.52		51,600
Wilgus Ave.	\$470.30		3,500
EE Pit	\$814.50		6,357
EE Tower	\$271.43		1,957
Washington	\$223.04		1,509
Office	\$407.83		3,910
Erie Ave.			
Total	\$41,432.25		519,214

Low L. KWH	74,889
L.L. Cost \$	\$5,559.01
High L. KWH	302,349
H.L. Cost \$	\$22,443.33

Total Cost	\$28,002.34
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Plant Costs	\$5,197.94
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SUMMARY

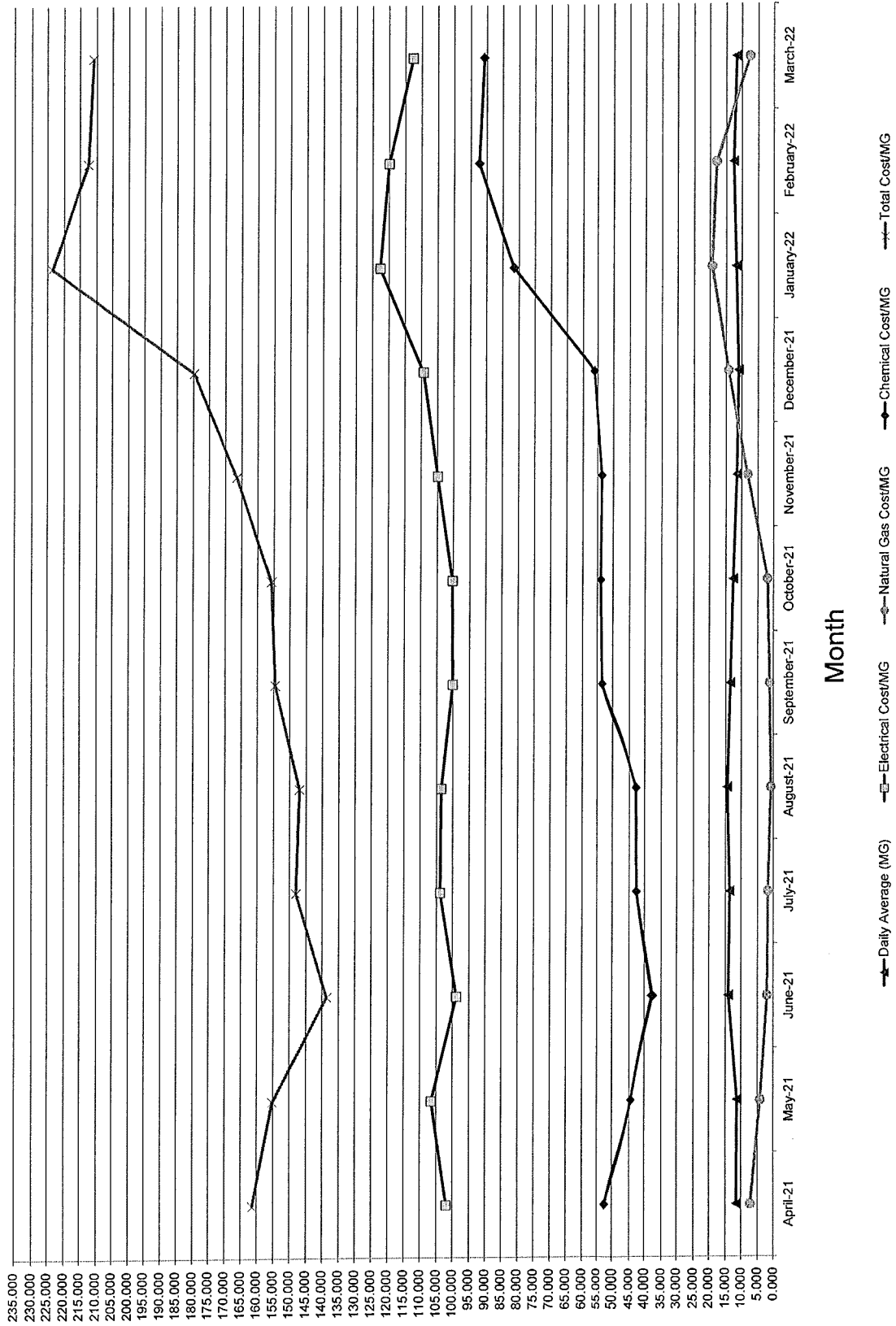
	HIGH LIFT		LOW LIFT	
	2021	2022	2021	2022
Tot. Pump	368,991	363,796	368,518	363,783
Daily Ave.	11.903	11.735	11.888	11.735
Max. Day	13.954	12.938	13.867	13.046
Min. Day	7.925	9.904	8.158	9.979
By Nat. Gas	4.298	3.474	2.019	1.939
Power KWH	305,456	302,349	72,615	74,889
Gals/KWH	1194	1192	5047	4832
Cost/KWH	\$0.07297	\$0.07423	*****	*****
Cost/MG	\$60.41	\$61.69	\$14.38	\$15.28
Tot. Cost/MG	\$112.24	\$113.89	*****	*****

HIGH LIFT DELIVERY QUARTERLY REPORT 2022				
I. FIRST QUARTER Jan - Feb - Mar		GALLONS	COST \$	\$/MG
2021		1,055,591,000	\$181,125.65	\$171.59
2022		1,079,805,000	\$233,346.76	\$216.10
Percent Difference		2.29%	28.83%	25.94%
II. SECOND QUARTER Apr - May - Jun		GALLONS	COST \$	\$/MG
2021		1,115,308,000	\$168,613.25	\$151.18
2022		0	\$0.00	#DIV/0!
Percent Difference		-100.00%	-100.00%	#DIV/0!
III. THIRD QUARTER Jul - Aug - Sep		GALLONS	COST \$	\$/MG
2021		1,275,383,000	\$191,262.23	\$149.96
2022		0	\$0.00	#DIV/0!
Percent Difference		-100.00%	-100.00%	#DIV/0!
IV. FOURTH QUARTER Oct - Nov - Dec		GALLONS	COST \$	\$/MG
2021		1,076,367,000	\$179,773.03	\$167.02
2022		0	\$0.00	#DIV/0!
Percent Difference		-100.00%	-100.00%	#DIV/0!
YEAR TO DATE : 2022		GALLONS	COST \$	\$/MG
ELECTRICITY CHEMICALS NATURAL GAS	2021	4,522,647,000	\$720,774.16	\$159.37
	2022	1,079,805,000	\$233,346.76	\$216.10
	Percent Difference	-76.12%	-67.63%	35.60%
YEAR TO DATE : 2022		GALLONS	COST \$	
SLUDGE DISPOSAL to WWTP	2021	4,225,349	\$45,410.11	
	2022	1,027,730	\$9,237.78	
	Percent Difference	-75.68%	-79.66%	
STORM WATER CHARGES	2022	NA	\$0.00	
HIGH LIFT SYSTEM DELIVERY :				
Maximum Pumpage Day		13,987,000	February 17, 2022	
Minimum Pumpage Day		7,587,000	January 1, 2022	

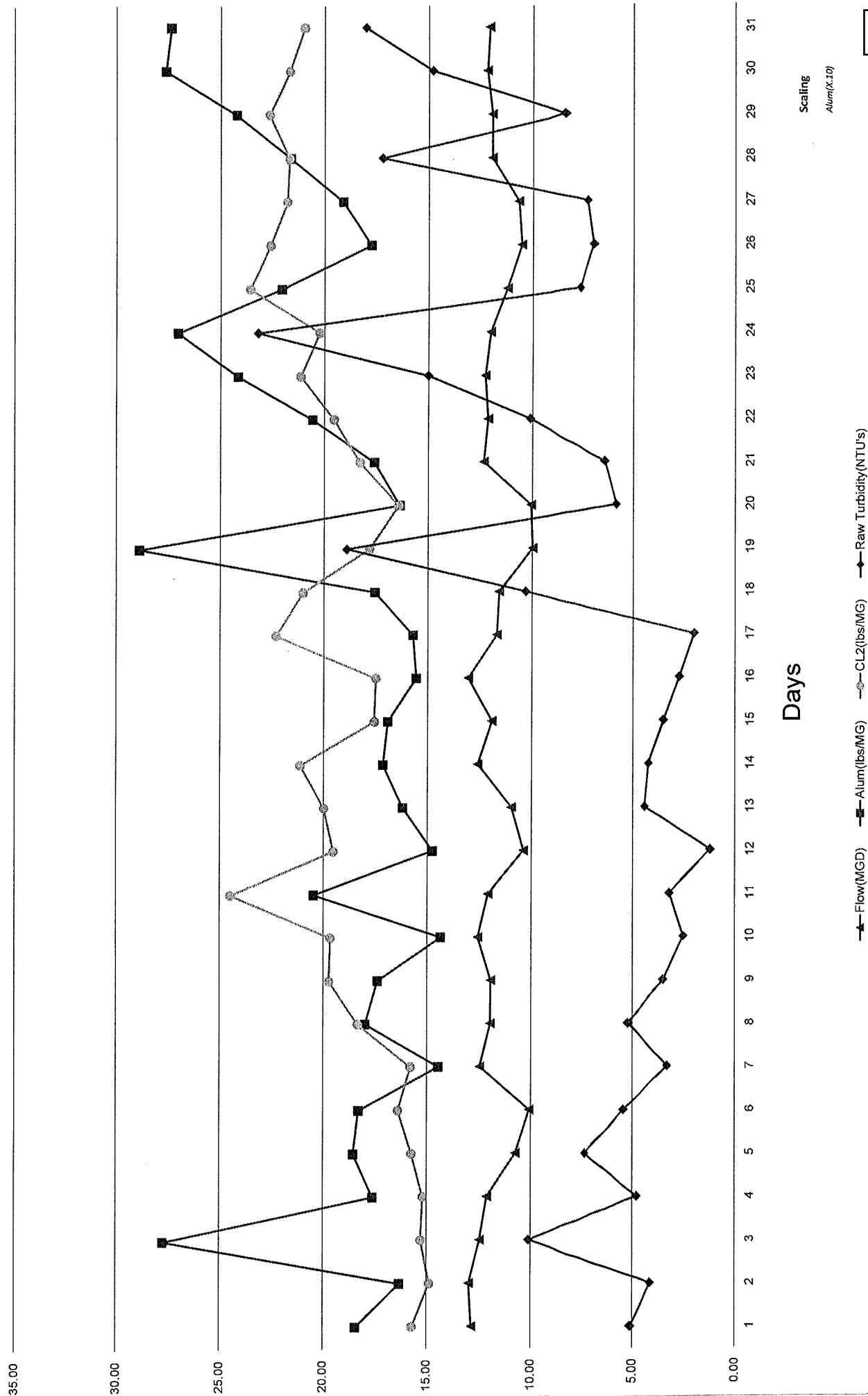
	MG	\$	\$/MG
2021	4,522,647,000	\$720,774.16	\$159.37
2022	1,079,805,000	\$233,346.76	\$216.10

NOTE: Monthly sludge disposal costs do not reflect the current actual monthly sludge discharge total to date.
 Filtrate discharges from Spring/Fall sludge disposal operations are included in treatment plant sludge disposal costs.
 Spring/Fall basin sludge/residual solids volumes and disposal costs are contract work.
 Sludge disposal costs are not included in \$/MG.

Plant Operations: Expense Report



March 2022: Sheboygan Water Utility Plant Operations Summary



March 2022

Filter Plant Maintenance Completed For March 2022

Subject	Start Date	End Date	Description	Yellow indicates days operating or running labs
Dakota Supply Group	1-Mar-22		Concrete to threaded rod nut combo; tap-con with nut on the hex end.	
Menards	1-Mar-22		Purchase H.L. lights, hangers, fasteners, eyelets, outlets, etc.	
H.L. Lights	1-Mar-22		Continue working on H.L. lights	
Dakota Supply Group	2-Mar-22		Purchase 14 gauge wire for H.L. light install.	
H.L. Lights	2-Mar-22		Begin running new wiring from box to sink area.	
H.L. Lights	3-Mar-22		Install light switch, outlet, and continue sub-level install.	
Filter Plant Floor and Garbage	4-Mar-22		Wash filter plant floor and take out garbage.	
Menards	4-Mar-22		Purchase electrical supplies and more light hanging components.	
Dakota Supply Group	4-Mar-22		Purchase more label maker tape; 1/2 vinyl.	
H.L. Sub Level Lights	4-Mar-22		Continue hanging sub level lights.	
Phosphate Analyzer	10-Mar-22		Mix and install new reagents.	
Dan Operating 1st	10-Mar-22	10-Mar-22	Dan operating 1st shift.	
H.L. Wiring	10-Mar-22		Continue wiring H.L. center lights and outlets.	
Operator Lunch Room and Front Hall	11-Mar-22		Throw out garbage, sweep, and mop floors.	
H.L. Sub Level	11-Mar-22		Remove dirt, wood chunks, old wiring, rusted conduit, etc. from sub level.	
H.L. Lighting Circuit	11-Mar-22		Connect wiring to breaker box on South wall and install conduit covers.	
H.L. Sub Level Wiring	11-Mar-22		Complete H.L. sub level wiring install.	
Menards	14-Mar-22		Purchase electrical pull tape, voltage tester, scotch tape, etc.	
Monday Meeting	14-Mar-22		Raw water improvement, high lift plumbing service, SCADA upgrade, coverage, etc.	
H.L. Sub-level Ladder	14-Mar-22		Mount sub level ladder to the wall and install foot board.	
Sheboygan Chevy	14-Mar-22		Pickup 6 after airbag TSB repair.	
Sub-level Plumbing	14-Mar-22		Begin game planning sub-level plumbing repair and/or replacement.	
H.L. Engine 3	16-Mar-22		Snug coupling, degrease engine, and check for leaks.	
H.L. Plumbing	16-Mar-22		Test heat exchanger drain plumbing.	
H.L. Plumbing	16-Mar-22		Test valves, plumbing as it stands, free globe valves, etc.	
Dakota Supply Group	18-Mar-22		Price and availability on 1 1/2" copper for high lift RP2 job.	
Wilgus Ave.	18-Mar-22		Remove plugs from engine, lube cylinders, attach trickle charger, and collect laboratory sample.	
Pictures of Engine 3	18-Mar-22		Submit pictures of gas engine 3 and contact vendor for seal and gasket pricing.	
Georgia Ave.	18-Mar-22		Grease motors/pumps, inspect grounds, etc.	
Menards	18-Mar-22		10w30 oil, gloves, check 1 1/2" copper pricing, and purchase wood glue.	
Erie Ave.	18-Mar-22		Fill coolant, grease motors/pumps/checks, and identify oil for use in generator.	
Horizon Ave.	21-Mar-22		Reset SCADA, check battery backup, and walk grounds.	
Wilgus Ave.	21-Mar-22		Reset SCADA, turn over engine, check battery charger, and inspect battery backup.	
Taylor Hill	21-Mar-22		Reset SCADA, check battery backup, and inspect grounds.	
Erie Ave.	21-Mar-22		Reset SCADA, fill generator with 5 quarts 10w30, and replace reagents.	
CAT Engine 3	21-Mar-22		Continue communicating with CAT part department concerning gasket issues.	
Georgia Ave.	21-Mar-22		Install new battery backup battery and reset SCADA.	
Monday Meeting	21-Mar-22		SCADA upgrade, reservoir communication issues, battery backup checks, coverage, CPR training, etc.	
Wash Tank	22-Mar-22		Climb water tank, check antenna, and reset ethernet.	
Filter Plant Garbage	22-Mar-22		Throw out filter plant garbage and recycling.	
East and West Hypo Meters	22-Mar-22		Cleaned and calibrated both East and West hypo meters.	
South Hypo Meters	22-Mar-22		Cleaned and calibrated both south hypo meters.	
Drain by Ortho Fill	23-Mar-22		Inspect drain by ortho fill pipe for water.	
UPS Excel Sheet Update	25-Mar-22		Enter valid data on UPS excel spreadsheet.	
South Basin	28-Mar-22		Perform south basin cycle, drain basin, and rinse floc towers/walls.	
Sample Pumps	28-Mar-22		Check pricing and availability on repair kite; they are still 1 month out.	

West Sample Pump	28-Mar-22	Replace West sample pump with new assembly.
Monday Meeting	28-Mar-22	South basin sludge removal, RPZ service this week, West sample pump leak, etc.
Pump 6 Priming Pot	29-Mar-22	Remove priming pot, check internal mechanisms, and clean vacuum orifice; pump shell needs removal to check impellor for debris.
South Basin Flocs	29-Mar-22	Enter South basin, check floc paddles, grease saddle bearings, and inspect wearing components.
Enter South Basin for Sludge Removal	29-Mar-22	Perform South basin sludge service.
Collect Information Submit POs	30-Mar-22	Gather parts information and submit POs for CAT repair and ortho transfer pump.
Menards	30-Mar-22	Purchase 1/2" impact extension and 2" copper fittings for high lift repair.
Pump 6 Valves	30-Mar-22	Open, cycle, and close pump 6 intake and discharge valves.
Pump 6	30-Mar-22	Remove bonnet and pull piece of wood from the inside.
Maintenance Tools	31-Mar-22	Cleaned maintenance tools in low and high lift areas.
High Lift 3/4	31-Mar-22	Checked wiring during hour meter diagnostic process.
High Lift Floor	31-Mar-22	Swept high lift floor.
High Lift Pump 4	31-Mar-22	Install new hour meter, checked connections, and glued wire loom to interior panel.

Distribution System -- 1st Quarter - January, February, & March 2022

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

Location	Date Installed	Size ("), Jt	Installed By	Type
Indiana Ave ~121' NW of St. 24th St.	3/21/2022	8" MJ	Buteyn-Peterson	G (vert)
Indiana Ave ~723' East of S.Taylor Dr.	3/29/2022	6" MJ	Buteyn-Peterson	G (vert)
Indiana Ave ~720' East of S.Taylor Dr.	3/29/2022	12" MJ	Buteyn-Peterson	G (vert)

Total Valves Installed = 3

Street Valves and Hydrant Valves Removed

Location	Installed	Abandoned	Type
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Total Valves Removed = 0

Street Valves and Hydrant Valves Abandoned

Location	Installed	Abandoned
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Total Valves Abandoned = 0

Street Valves and Hydrant Valves Maintained

Location	Maintained	Size	By
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Total Valves Maintained = 0

Hydrants Installed (including water main projects and others)

Location	Installed	Tr Size	Valve
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Total Hydrants Installed = 0

Hydrants Removed (including water main projects and others)

Location	Installed	Removed	Hyd Valve?
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Total Hydrants Removed = 0

Hydrants Abandoned (including water main projects and others)

Location	Installed	Abandoned	Tr Size	Hyd Valve?
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Total Hydrants Abandoned = 0

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

Location	Installed	Maintained
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Total Hydrants Maintained/Moved = 0

Water Main Breaks

Location	Date	Size
N.28th St & Michigan Ave	1/7/2022	6"
712 Whitcomb	1/10/2022	6"
2529 S. 15th St.	1/10/2022	6"
N.8th St & Center Ave	1/10/2022	8"
1216 Wilson Ave	1/11/2022	10"
1025 N. 26th St.	1/20/2022	6"
2025 N. 12th St.	1/24/2022	6"
Wilson Ave and Wedemeyer St.	1/25/2022	10"
2805 Henry St	1/26/2022	6"
Ashland Ave and Plymouth Ln	1/26/2022	8"
1019 N. Water St.	1/27/2022	6"
1835 N. 19th St.	1/28/2022	6"
1713 Wisconsin Ave	1/28/2022	6"
2125 S. Memorial Place	2/12/2022	6"
N.28th St. and Michigan Ave	2/15/2022	6"
S.22nd St 150' North of Georgia Ave	2/17/2022	12"
N. 6th St. and Michigan Ave	2/17/2022	6"
S.12th St and Washington Ave	2/22/2022	10"
S.19th St. south of Union Ave	2/23/2022	6"
1736 Marvin Ct	2/24/2022	6"
N.12th St. + Superior Ave	2/25/2022	6"
Washington Ave at Maple Cir	3/2/2022	4"
Erie Ave at N.21st.	3/9/2022	30"

Number of Water Main Breaks=23

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	19.5	
Number of feet of 8 inch water main installed	78.5	
Number of feet of 12 inch water main installed	1717.3	
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	1,813	
Number of water main breaks repaired	2	hydrants
Number of hydrants installed	0	
Number of hydrants removed or abandoned	0	
Number of hydrants maintained or moved	0	valves
Number of street valves installed	3	
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	9	

WATER MAIN AND APPURTENANCES INSTALLATION -- 1st Quarter - January, February, & March 2022

Water Main Projects (including installation or abandonment of more than 3' of pipe by utility or contractors)

Location: 6" Water Main	Installed	New Valves	New Hyd.	New Hyd Valves	Aband. Valves	Aband. Hyd.	Remove Hyd.	Size " Installed	Feet Installed	New Hyd Lead	Size Aband.	Feet. Aband.	Feet. Rem.	By
Marvin Ct and Sauk Trail Rd	1/18/2022	0	0	0	0	0	0	6	19.5	0	6" CIP	20	0	Ute.
Totals:		0	0	0	0	0	0		19.5	0		20	0	

Location: 8" Water Main	Installed	New Valves	New Hyd.	New Hyd Valves	Aband. Valves	Aband. Hyd.	Remove Hyd.	Size " Installed	Feet Installed	New Hyd Lead	Size Aband.	Feet. Aband.	Feet. Rem.	By
Indiana Ave 8" Going east from	3/22/2022	0	0	0	0	0	0	8	7	0	6" CIP	0	0	Buteyn-Peterson
Totals:		0	0	0	0	0	0		78.5	0		78	0	

Location: 12" Water Main	Installed	New Valves	New Hyd.	New Hyd Valves	Aband. Valves	Aband. Hyd.	Remove Hyd.	Size " Installed	Feet Installed	New Hyd Lead	Size Aband.	Feet. Aband.	Feet. Rem.	By
Indiana Ave and north west of S. 24th St.	3/21/2022	1	0	0	0	0	0	12	15.3	0	6" CIP	15	0	Buteyn-Peterson
Indiana Ave East of Taylor Dr	3/21/2022	1	0	0	0	0	0	12	113	0	8" CIP	113	0	Buteyn-Peterson
Indiana Ave along Lower Falls Rd	3/22/2022	0	0	0	0	0	0	12	221	0	8" CIP	219	0	Buteyn-Peterson
Indiana Ave and Intersection of S. Taylor Dr	3/24/2022	0	0	0	0	0	0	12	320	0	8" CIP	320	0	H&H
Indiana Ave along Lower Falls Rd	3/25/2022	0	0	0	0	0	0	12	77	0	8" CIP	77	0	Buteyn-Peterson
Indiana Ave (S. 24th St to S. Taylor Dr)	3/28/2022	0	0	0	0	0	0	12	200	0	8" CIP	200	0	Buteyn-Peterson
Indiana Ave (S. 24th St to S. Taylor Dr)	3/29/2022	2	0	0	0	0	0	12	271	0	8" CIP	271	0	Buteyn-Peterson
Indiana Ave (S. 24th St to S. Taylor Dr)	3/30/2022	0	0	0	0	0	0	12	500	0	8" CIP	500	0	Buteyn-Peterson
Totals:		4	0	0	0	0	0	96	1717.3	0	0	1715	0	

REQUISITION

SHEBOYGAN WATER UTILITY

REQUISITION DATE 04/20/2022

Item 8.

VENDOR: FERGUSON ENTERPRISES INC #448
4241 S TAYLOR DR
SHEBOYGAN WI 53081

SHIP TO 72 Park Ave Sheboygan WI 53081

DATE REQUESTED BY 04/26/2022

REQUISITION NO. 4894

QTY	ITEM #	INVENTORY #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
600			C196000000LF, LFNP 3/4 VB222 Hose Bibb VB	10.92	6,552.00
300			C171480000LF, LFNP 3/4 Hose Bibb VB	5.73	1,719.90
			Total Freight \Misc		
NOTE:					
TOTAL					8,271.90

☐ CALL IN PURCHASE ORDER NUMBER

PREPARED BY davew

PHONE NO. 920-457-5013

☐ FAX PURCHASE ORDER

REQUESTED BY DW

FAX NUMBER: 920-457-5024

☐ SEND ORIGINAL PURCHASE ORDER TO VENDOR

APPROVED BY

☐ ALREADY ORDERED

REQUISITION

SHEBOYGAN WATER UTILITY

REQUISITION DATE 04/21/2022

Item 9.

VENDOR: BADGER METER INC
4545 W BROWN DEER RD
P. O. BOX 245036
MILWAUKEE WI 53224

SHIP TO 72 Park Ave Sheboygan WI 53081

DATE REQUESTED BY 04/26/2022

REQUISITION NO. 4895

QTY	ITEM #	INVENTORY #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
360			M25 Plastic disc meter 5/8" x 7 1/2"--5/8" bore, bare	55.51	19,983.60
180			M25 Plastic disc meter 5/8" x 3/4" x 7 1/2"--3/4" bore, bare	55.51	9,991.80
			Total Freight \Misc		
NOTE:					
TOTAL					29,975.40

☐ CALL IN PURCHASE ORDER NUMBER

PREPARED BY davew

PHONE NO. 800-616-3837

☐ FAX PURCHASE ORDER

REQUESTED BY DW

FAX NUMBER: 888-371-5982

☐ SEND ORIGINAL PURCHASE ORDER TO VENDOR

APPROVED BY

☐ ALREADY ORDERED