



BOARD OF WATERWORKS COMMISSIONERS AGENDA

March 28, 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. Approval of February 21, 2022 meeting 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. Review health insurance broker options
6. Approval of R.O. on Ordinance change
- [7.](#) Approve lead service line (LSL) spot bids
- [8.](#) Approve water main fittings purchase
- [9.](#) Approve annual contract for hydrant painting
- [10.](#) Approve purchase of water meters
11. Review status of Raw Water Improvements (RWI) project

PERSONNEL

12. Update on Civil/GIS technician recruitment

NEXT MEETING

13. Next meeting will take place on: April 18, 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



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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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

MONTHLY CONSTRUCTION-MAINTENANCE DEPARTMENT REPORT

February 2022

Distribution System Maintenance:

- Repaired a hydrant that was struck by an automobile.
- Repaired multiple main breaks throughout the city.
- Repaired a problematic light outside of the office.
- Fabricated new hydrant barrels on the milling machine.
- Fabricated hydrant boxes for bulk water sales.
- Poured and maintained service holes throughout the city.
- Hauled in fill to replenish stock.
- Worked on refurbishing salvaged hydrants.

Building/Grounds Maintenance:

- General shop maintenance and cleaning.
- Snow removal at all Water Utility sites.
- General cleanup and organization in the Johnson Shed.

Equipment Maintenance:

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

Training:

- Attended Wisconsin AWWA Distribution Conference in Wisconsin Dells.
- Josh S. passed his CDL test.

Distribution System -- February 2022**Street Valves and Hydrant Valves Installed** (including water main projects and others)

Location	Date Installed	Size ("), Jt	Installed By	Type
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Total Valves Installed = 0

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
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Total Valves Maintained = 0

Hydrants Installed (including water main projects and others)

Location	Installed	Tr Size	Valve	By
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N 4th Street and St. Clair Avenue

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
2125 S. Memorial Place	2/12/2022	6"
N.28th St. and Michigan Ave	2/15/2022	6"
N. 6th St. and Michigan Ave	2/17/2022	6"
S.22nd St 150' North of Georgia Ave	2/17/2022	12"
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"

Total Water Main Breaks = 8

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	hydrants
Number of water main breaks repaired	8	
Number of hydrants installed	0	
Number of hydrants removed or abandoned	0	valves
Number of hydrants maintained or moved	0	
Number of street valves installed	0	
Number of hydrant valves installed	0	valves
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	0	

February 2022

OPERATIONS' DEPARTMENT MONTHLY REPORT

PUMPAGE	HIGH LIFT		LOW LIFT		2022 VS 2021
	2021	2022	2021	2022	HL
Total in MG	330.364	352.820	329.799	354.732	6.80%
Daily Average (MG)	11.799	12.620	11.779	12.669	
Max. Day (MG)	13.433	13.987	13.627	13.984	2022 VS 2020
					HL
Gal/Kwh	1,170	1,185	5,193	4,824	2.22%
ELECTRICAL COSTS					
A. Pumping:					
	2021		2022		
	Kwh	\$	Kwh	\$	
High Lift	280,898	\$21,830.97	296,051	\$23,921.17	
Low Lift	63,237	\$4,914.68	73,034	\$5,901.20	
Wash Pump 1	2,100	\$163.21	3,500	\$282.80	
Georgia St. Bstr.	52,800	\$4,868.34	47,700	\$4,931.36	
Wilgus Ave. Bstr.	2,800	\$349.21	2,800	\$377.63	
EE Pit / Bstr.	5,208	\$614.81	5,401	\$693.16	
Erie Ave. Bstr.	0	\$0.00	0	\$0.00	
Sub Total	407,043	\$32,741.22	428,486	\$36,107.32	\$/Kwh 4.8%
B. Treat./Fiscal/Misc.					
	Kwh	\$	Kwh	\$	
Office & Maint. Bldg.	4,941	\$574.56	4,601	\$479.78	
Filter Plant / Pump Station / 2nd Service	54,765	\$4,822.34	56,415	\$5,051.01	
Sub Total	59,706	\$5,396.90	61,016	\$5,530.79	\$/Kwh 0.3%
C. Distribution:					
	Kwh	\$	Kwh	\$	
Taylor Hill Tank	2,579	\$316.29	2,381	\$318.68	
Kohler Meter Pit	0	\$0.00	0	\$0.00	
EE Tower	1,510	\$192.72	1,852	\$252.66	
Washington (PRV) Pit	1,643	\$219.40	1,338	\$197.00	
Sub Total	5,732	\$728.41	5,571	\$768.34	\$/Kwh 4.1%
Total Electrical Costs	472,481	\$38,866.53	495,073	\$42,406.46	
Electrical Cost / MG		\$117.65		\$120.01	
NATURAL GAS COSTS					
	2021		2022		
	CCF Used	Cost	CCF Used	Cost	
Production Facility	1,969	\$938.11			
South Basin	3,694	\$1,793.02			
Georgia St. Bstr.	91	\$107.85			
Erie Ave. Bstr.	486	\$468.41			
Wilgus Ave. Bstr.			76	\$73.47	
Office & Maint. Bldg.	1,570	\$868.60			
Total Natural Gas Costs	7,810	\$4,175.99	76	\$73.47	\$/CCF 80.8%
Natural Gas Cost / MG		\$12.64		\$0.21	
CHEMICAL COSTS					
	2021		2022		
	Lbs. Used	Cost	Lbs. Used	Cost	
Alum	53,349	\$7,548.88	81,457	\$14,784.45	28.3%
Carbon	0	\$0.00	0	\$0.00	#DIV/0!
Chlorine	5,368	\$3,703.92	5,729	\$8,478.92	114.5%
Fluoride	1,439	\$1,564.19	1,739	\$2,417.21	27.9%
KMnO4	0	\$0.00	0	\$0.00	#DIV/0!
Cationic Polymer	44	\$68.36	1,371	\$2,125.21	-0.2%
Liquid Phosphate	2,409	\$3,184.70	3,064	\$4,834.99	19.4%
Total Chemical Costs		\$16,070.05		\$32,640.77	103.1%
Chemical Cost / MG		\$48.64		\$92.37	
Grand Total					
		\$59,112.57		\$75,120.70	27.08%
Total Cost / MG		\$178.93		\$212.59	18.81%

YTD HL 2022 vs 2021	4.27%	YTD HL HIGH DAY PUMPAGE	13.987	February 17, 2022
YTD HL 2022 vs 2020	-0.17%	YTD HL LOW DAY PUMPAGE	7.587	January 1, 2022

NOTE:

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

WPS

	2022	YTD HL Ave Day
	2021	12.187
	2020	11.557
		12.042

COMPARATIVE SUMMARY OF PLANT OPERATIONS

February 2021

vs

February 2022

Pumping Record

High Lift

	2021	2022	Diff.
Tot. Water in MG	330.364	352.820	6.80%
Daily Average	11.799	12.620	6.96%
Maximum Day	13.433	13.987	4.12%
Minimum Day	9.471	9.989	5.47%
By Natural Gas	1.610	2.433	51.12%
Power in KWH	280,898	296,051	5.39%
Gals. per KWH	1,170	1,185	1.31%
Power \$ / KWH	\$0.07772	\$0.08080	3.96%
Power \$ / MG	\$66.08	\$67.70	\$1.62
Tot. Power \$/MG	\$118.92	\$121.26	\$2.34

Low Lift

	2021	2022	Diff.
Tot. Water in MG	329.799	354.732	7.56%
Daily Average	11.779	12.669	7.56%
Maximum Day	13.627	13.984	2.62%
Minimum Day	9.496	9.866	3.90%
By Natural Gas	1.416	2.433	71.82%
Power in KWH	63,237	73,034	15.49%
Gals. per KWH	5,193	4,824	-7.11%
Power \$ / KWH	----	----	----
Power \$ / MG	\$14.90	\$16.64	\$1.74
Tot. Power \$/MG	----	----	----

Treatment Chem.

Lbs. Used

	2021	2022	Diff.
Total Lbs.			
Alum	53,349	81,457	52.69%
Carbon			#DIV/0!
Chlorine	5,368	5,729	6.73%
KMnO4	0	0	#DIV/0!
Polymer	44	1,371	3016.14%
Liquid Phosphate	2,409	3,064	27.19%
Lb/ MG:			
Alum	161.8	229.6	41.96%
Carbon	0.0	0.0	#DIV/0!
Chlorine	16.3	16.2	-0.78%
KMnO4	0.0	0.0	#DIV/0!
Liquid Phosphate	7.3	8.6	18.25%

Cost

	2021	2022	Diff.
Total Cost			
Alum	\$7,548.88	\$14,784.45	\$7,235.57
Carbon	\$0.00	\$0.00	\$0.00
Chlorine	\$3,703.92	\$8,478.92	\$4,775.00
KMnO4	\$0.00	\$0.00	\$0.00
Polymer	\$68.36	\$2,125.21	\$2,056.85
Liquid Phosphate	\$3,184.70	\$4,834.99	\$1,650.29
Cost / MG:			
Alum	\$22.89	\$41.68	\$18.79
Carbon	#DIV/0!	#DIV/0!	#DIV/0!
Chlorine	\$11.23	\$23.90	\$12.67
KMnO4	#DIV/0!	#DIV/0!	#DIV/0!
Liquid Phosphate	\$9.66	\$13.63	\$3.97

Fluoride:	2021	2022	
Total Lbs.	1,439	1,739	20.85%
mg/l applied as F	0.69	0.67	
Av. Res. Plt. Tap	0.70	0.72	

Fluoride:	2021	2022	
Cost	\$1,564.19	\$2,417.21	\$853.02
Cost/MG	\$4.74	\$6.85	\$2.11

Water Quality:

Raw

	2021	2022
Turbidity	10.50	14.10
pH	8.23	8.20
Alkalinity	114.1	119.0
MF (E-Coli)	0.7	0.3
Temperature	33.0	32.7
Wash-H2O % /LL	1.91	1.77
Av. Flt. Run/hrs	131.3	148.3
Av. ROF / MG	1.32	1.43

TAP

	2021	2022
Turbidity	0.042	0.050
pH	7.63	7.47
Alkalinity	103.2	103.8
Plate Count	0.00	0.00
Colilert	0	0
Temp.	34.1	33.8
Cl Res.	0.89	0.89

Natural Gas:

	2021	2022	
Nat. Gas Heating	2,932	-357	Plant & South Basin
Nat. Gas Pumping	762	357	

	2021	2022	Diff.
	\$2,425.48	#DIV/0!	#DIV/0!
	\$29.54	#DIV/0!	#DIV/0!

	CCF	Cost	Natural Gas Cost	Natural Gas CCF
#3 Gas Pump	0.0	#DIV/0!	\$0.00	0
#4 Gas Pump	144.0	#DIV/0!		
#7 Gas Pump	112.5	#DIV/0!		
Electric Generator	100.0	#DIV/0!		
Pumping totals	356.5	#DIV/0!		

February 2022

	3/1/2022	2/1/2022	
Elapsed Time:			
No. 6 Pump	65,614.1	65,153.4	460.7
Wash Pump Meter	5,374.11	5,353.09	21.02
No. 7 Pump	742.4	737.9	4.5
No. 8 Pump	59,533.6	59,533.6	0.0
No. 9 Pump	17,466.0	16,798.0	668.0
Wash Pump 2	803	800	3
No. 1 Prime Pump	1,038.7	1,038.2	0.5
No. 2 Prime Pump	1,107.7	1,106.8	0.9

Watt-hour Meters:			
Wash Pump 1	1243.1	1238.1	3,500
No. 9 Pump	5382.57	5343.14	39,434
No. 8 Pump	6834.4	6834.4	0
No. 6 Pump	10127.3	10007.3	33,600
Wash Pump 2	82,731.7	82,421	373
No. 1 Pump	8716.245	8604.786	111,459
No. 2 Pump	4725.403	4725.403	0
No. 3 Pump	9599.853	9537.716	62,137
No. 4 Pump			0
No. 5 Pump	9,296.265	9,173.810	122,455

Garage (MWatt/Hrs.)	1,050.83	1,049.48	1,350
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Power Co. (Step #3)	35,093	34,735	429,600
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Left Meter - OUTSIDE

Volume Used:

Nat. Gas (Correct)	44,285,900	44,061,227	282,414
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Elapsed Time:

Emer. Generator	999.5	994.5	5.0
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Elapsed Time:

No. 1 Pump	16,163.5	15,957.2	206.3
No. 2 Pump	20,169.26	20,169.26	0.00
No. 3 Elec. Pump	33,374.1	33,166.3	207.8
No. 3 Nat. Gas Pump	517.9	517.9	0.0
No. 4 Elec. Pump	0.00	0.00	0.0
No. 4 Nat. Gas Pump	1,697.2	1,694.0	3.2
No. 5 Pump	19,444.930	19,189.350	255,580
UV Building Generator	117.4	117.4	0

	3/1/2022	2/1/2022	
SLUDGE No. 1 Hour Meter	0.0	0.0	0
SYSTEM No. 2 Mag Meter	3,403,699	3,055,869	347,830
Recycle Meter (Reset to zero each month)			347,830

Power Cost	\$0.0808009	Bill >>>>	\$34,905.97
	0.74023333	KWH >>>	432,000
Init. Chg.	\$34,712.05		
	\$	KWH	
Kohler Pit			
Horizon	\$440.18	3,179	
Taylor	\$318.68	2,381	
ALT. 72 Park	\$444.14	600	
Geo. Ave.	\$4,931.36	47,700	
Wilgus Ave.	\$377.63	2,800	
EE Pit	\$693.16	5,401	
EE Tower	\$252.66	1,852	
Washington	\$197.00	1,338	
Office	\$479.78	4,601	
Erie Ave.			
Total	\$42,846.64	499,452	

Low L. KWH	73,034
L.L. Cost \$	\$5,901.20
High L. KWH	296,051
H.L. Cost \$	\$23,921.17

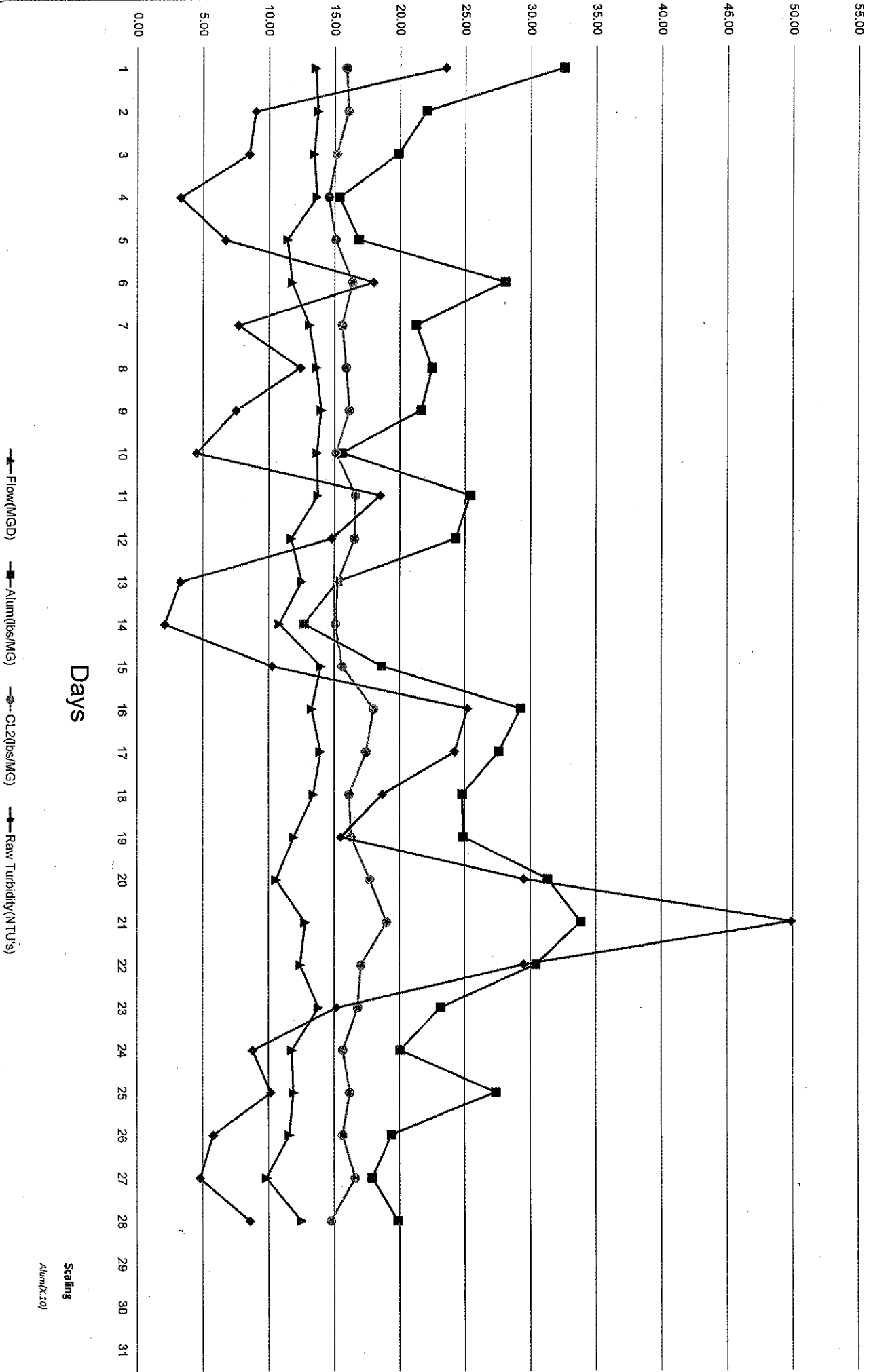
Total Cost	\$29,822.37
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Plant Costs	\$5,051.01
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SUMMARY

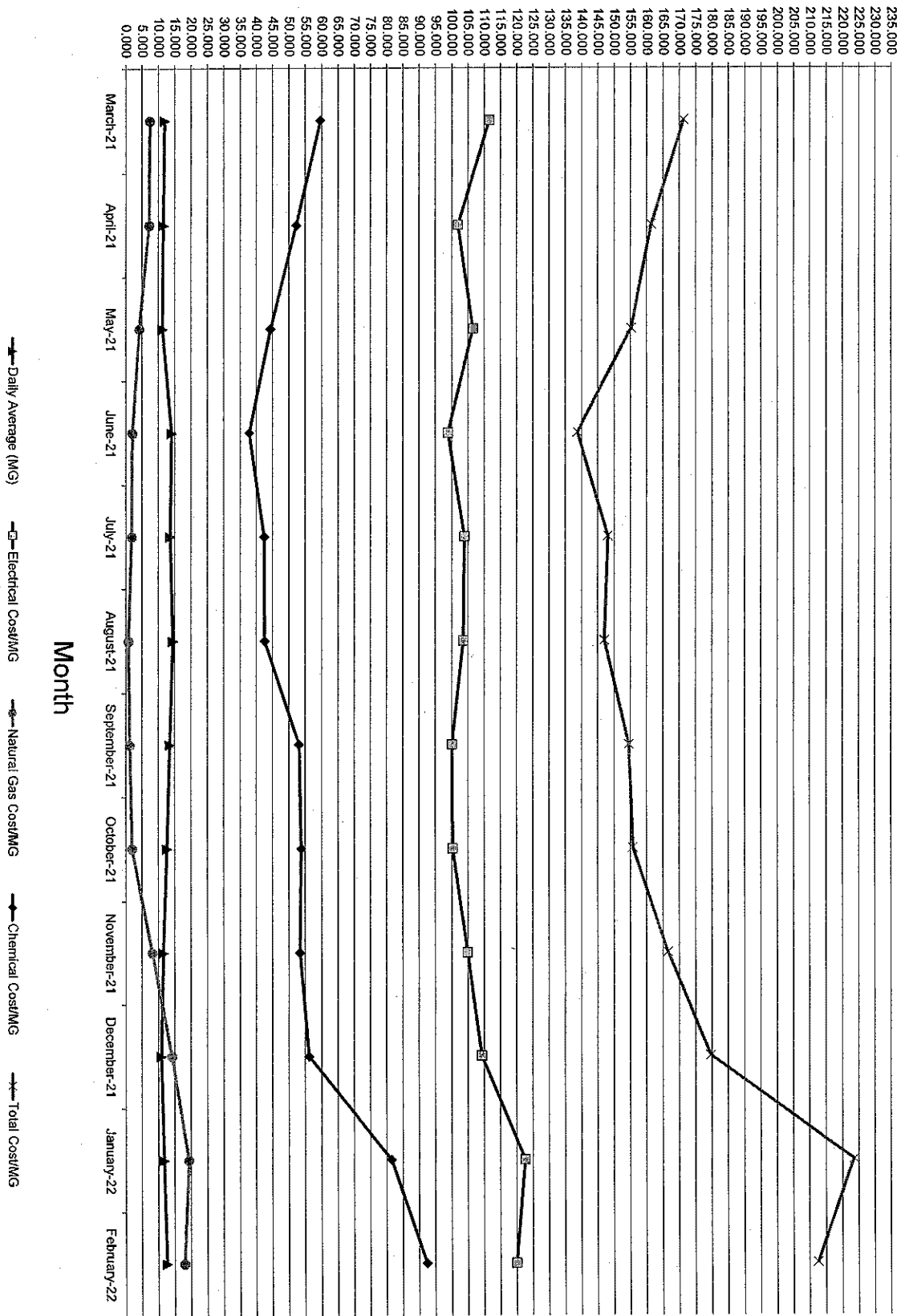
	HIGH LIFT		LOW LIFT	
	2021	2022	2021	2022
Tot. Pump	330.364	353.356	329.799	354.732
Daily Ave.	11.799	12.620	11.779	12.669
Max. Day	13.433	13.987	13.627	13.984
Min. Day	9.471	9.989	9.496	9.866
By Nat. Gas	1.610	2.433	1.416	2.433
Power KWH	280,898	296,051	63,237	73,034
Gals/KWH	1170	1185	5193	4824
Cost/KWH	\$0.07772	\$0.08080	*****	*****
Cost/MG	\$66.08	\$67.70	\$14.90	\$16.64
Tot. Cost/MG	\$118.92	\$121.26	*****	*****

February 2022: Sheboygan Water Utility Plant Operations Summary



Scaling
Alum(x.10)

Plant Operations: Expense Report



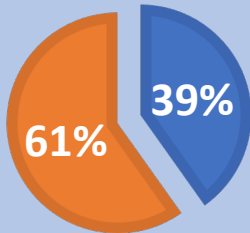
Filter Plant Maintenance Completed For February 2022

Subject	StartDate	EndDate	Description	Yellow indicates days operating or running labs
Hypo Transfer Pump	1-Feb-22		Rebuild used hypo transfer pump; pump was removed today, had 1 broken bolts, and its Impeller magnets were rubbing.	
Plant Garbage	1-Feb-22		Throw garbage and recycling into dumpsters.	
Record Room	1-Feb-22		Continue organizing files in record room.	
Hypo Transfer Pump	1-Feb-22		Install new hypo transfer pump.	
Joshua 1Hr Sick Time	1-Feb-22		Joshua 1hr sick time for Chiro	
Generator Water Pump	2-Feb-22		Installed new generator water pump (rebuilt unit), 9 gallons of coolant, 3x 1/8" fittings, and the coolant filter.	
Water Pump	2-Feb-22		Fabricate repair bracket for vice, easy out 1/8" fitting from old pump, free 1 1-2" fitting from old pump, and hand machine v-belt pulley.	
Merards	2-Feb-22		Purchase 1/8" and 1/4" brass fittings for generator water pump repair.	
Maintenance Shop	3-Feb-22		Clean floors, organize tools, replace parts, etc.	
Wilgus Ave.	3-Feb-22		Return fire extinguisher and collect lab sample for E.	
Taylor Hill and Erie Ave.	3-Feb-22		Inspect reagents, return fire extinguishers, and walk grounds.	
Horizon and Georgia Ave.	3-Feb-22		Bring fire extinguishers back, check/fill reagents, and walk grounds.	
Sewer Lift Pump	7-Feb-22		Look throughout the plant, sheds, and utility for sewer lift pump.	
UV East/West	7-Feb-22		Switch UV reactor from West to East train.	
Plant Garbage	7-Feb-22		Throw away trash and recycling.	
UV Alarms	7-Feb-22		Attempt to diagnose UV communication alarms/issue.	
Monday Meeting	7-Feb-22		Raw water improvement project, sewer lift pump, coverage, wash pump 2, pipe gallery lighting, etc.	
Dakota Supply Group	9-Feb-22		Purchase new Large sump pump for pipe gallery.	
Large Pipe Gallery Sump	9-Feb-22		Remove large pipe gallery sump pump; currently inop. and electrical cord is split.	
Wash Pump 2	9-Feb-22		Remove coupling surround and begin cleaning area for grease service.	
Sewer Lift Pump, Sump pump, and Water	9-Feb-22		Track down parts, receive quotes, and create PO's.	
Wash Pump 2 Shield	10-Feb-22		Grind rust off wash pump 2 coupling shield.	
Horizon	10-Feb-22		Collect lab sample, walk grounds, etc.	
Taylor Hill and Erie	10-Feb-22		Inspect reservoirs after power outage; Eris also needed reagents for hypo meter.	
Trilling's	10-Feb-22		Purchase urinal cakes for plant bathrooms.	
EE Pit	10-Feb-22		Adjust mercury switch to repair intermittent pump on/ no flow condition.	
Filter 5 NTU	10-Feb-22		Clean filter 5 NTU meter for high reads.	
Sump Pit and Garbage's	10-Feb-22		Begin cleaning sump pit in pipe gallery and throw out garbage.	
Pipe Gallery Large Sump	10-Feb-22		Install new large sump in the pipe gallery.	
Two Large Brackets	10-Feb-22		Fabricate and weld two large brackets to hold pipe gallery drain pipe; behind filter 10 piping.	
Joshua Vacation	11-Feb-22		Joshua on vacation.	
Pipe Gallery Drain Bracket	11-Feb-22		Grind and sandblast two drain brackets.	
Wash Pump 2 Coupling Surround	11-Feb-22		Grind and sandblast wash pump 2 coupling surround.	
Monday Meeting	14-Feb-22		Topics include low lift alarm, SCADA upgrades, coverage, data line, etc.	
Brackets and Wash Pump 2 Shield	14-Feb-22		Continue printing and painting wash pump 2 surround and drain brackets.	
Scanner Extension Cable	14-Feb-22		Fabricate and install new extension cord for upstairs scanner.	
Upstairs Comm Cable	14-Feb-22		Run new communication cable for upstairs scanner.	
Dakota Supply Group	14-Feb-22		Purchase sample pump impellers.	
Joshua Sick Time	15-Feb-22		Dentist 8-9.	
Drain Brackets	16-Feb-22		Install two brackets on drain line; by filter 10.	
Wash Pump 2	16-Feb-22		Service/grease, clean area, and label.	
Wash Pump 2	16-Feb-22		Install coupling shield.	
Service Swan Hypo Meters	17-Feb-22		Check, clean, and calibrate East, West, and South SWAN hypo meters.	
Water Pump	17-Feb-22		Sand, scrap, clean and prime.	
Water Pump	17-Feb-22		Rebuild generator/pump 7 spare water pump.	
Maintenance Shop	17-Feb-22		Clean and organize maintenance shop.	

SWAN Analyzers	17-Feb-22		Contact Maggie for pricing on SWAN hypo meter tubes.
Operator Area Design and Approval	17-Feb-22		Create layout, get prices, and begin requisition process.
Dan Sick Time	18-Feb-22		Dan off sick time.
Water Pump	18-Feb-22		Continue painting generator water pump.
Filter Tables	18-Feb-22		Clean filter hall tables.
Filter Hall Floor	18-Feb-22		Sweep and Zamboni filter hall floor.
Low Level Floor	18-Feb-22		Sweep and mop lower level floor.
Lower Level Bathroom	18-Feb-22		Clean toilet, scrub urinal, and mop floor.
Joshua Cover Laboratory	21-Feb-22		Joshua cover laboratory for Eric.
Georgia Ave. x 2	21-Feb-22		Refill reagents on hypo meter, reset lower air circulator, collect Colliert, and return for lab sample.
Erie x 2	21-Feb-22		Check generator, inspect hypo reagents, collect Colliert, and return for lab sample.
Taylor x 2	21-Feb-22		Check reagents, ensure heaters operational, collect Colliert sample, and return to collect lab sample.
Horizon Ave.	21-Feb-22		Check grounds, inspect reagents, and collect lab sample.
Dan Sick Time	21-Feb-22		Dan off sick time.
Joshua Covering Laboratory	22-Feb-22		Joshua covering laboratory for Eric.
Clean NTU Meters	22-Feb-22		Clean East, West, and South NTU meters.
Collect Laboratory Samples	22-Feb-22		Collect laboratory samples for Colliert tests; Horizon, Wilgus, Georgia, and EE.
Georgia Ave.	22-Feb-22		Bring new reagents and free ice from tank air mixing drain.
High Lift Service	22-Feb-22		Link up with crew to discuss ortho bulk tank install and high lift line repair.
Laboratory Cabinets and Pricing	23-Feb-22		Look up parts, pricing, and gain approval for cabinet replacement.
Ops Office Shelf	23-Feb-22		Install shelf in ops office.
Dan operating 1st shift	24-Feb-22	25-Feb-22	Dan covering 1st shift operations.
Suction Well Recycle Line	24-Feb-22		Find, de-ice, and close valve.
Alum Feed Tubes	24-Feb-22		Replace all three feed tubes, rinse feed lines, and lube rollers on south.
High Lift RPZ	24-Feb-22		Map and diagram high lift RPZ lines.
High Lift Cooling Water	24-Feb-22		Map and diagram high lift and low lift packing water lines.
Plant Generator	25-Feb-22		Check coolant, inspect oil level, return rebuilt water pump to locker, etc.
High Lift Cooling Water	25-Feb-22		Continue mapping high lift packing water lines.
UVT% Meters	25-Feb-22		Clean, add CLR, change desiccant packs, calibrate, and check flow.
Shovel Filter Plant Grounds	25-Feb-22		Shovel and salt filter plant grounds.
H.L. Pit Lights	28-Feb-22		Continue game planning H.L. pit lights, conduit, and plumbing.
Monday Meeting	28-Feb-22		Coverage, raw water improvement project, SMART goals, crew work, orthophosphate bulk tank expansion, etc.

CUSTOMER RELATIONS & FISCAL SUMMARY

PAYMENT TRANSACTIONS



5,950
Total # of February
Payments Processed



COLLECTIONS

District 3

\$1,084,110

Billed

\$217,893

Outstanding
After Due Date

1146

Past Due Letters Mailed

30

Disconnection
Letters Mailed

7

Properties Disconnected

\$49,641

Outstanding At
Month End

PAYMENTS BY SOURCE

	Feb 2021	Feb 2022
Payment Window	194	339
Drop Box Payments	345	195
Electronic Payments	3336	3620
Cash/Check Payments	2144	1796
Total Payments	6019	5950

Payments Returned NSF **18**

UTILITY BILLS

Mailed
5,416

Paperless
873



**FEBRUARY
2022**

CUSTOMER RELATIONS & FISCAL SUMMARY

PROPERTY TRANSACTIONS

	February 2021	February 2022
Account Transfers (<i>Finals</i>)	146	150
Property Data Requests	68	71

PSC COMPLAINTS

0 PSC Complaint(s) Filed

ACCOUNTS PAYABLE

199 Invoices Paid

CUSTOMER SERVICE



164

Customer Service Email
Requests Completed



1,429

USS Calls Answered



59:04

USS Hours
On the Phone



338

Lead ST Calls Completed
(Incoming & Outgoing)



11:57

Lead ST Hours
On the Phone

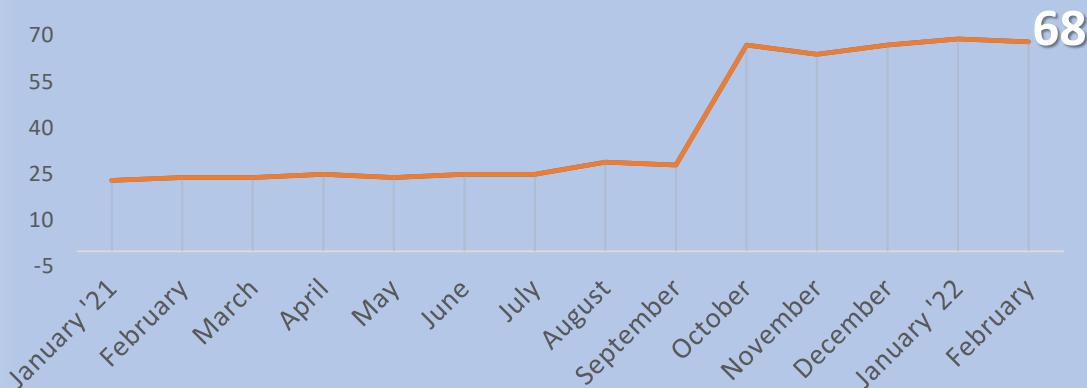
CUSTOMER ASSISTANCE PAYMENTS

Number of Payments Received: **9**

Total Dollars: **\$1,501**

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

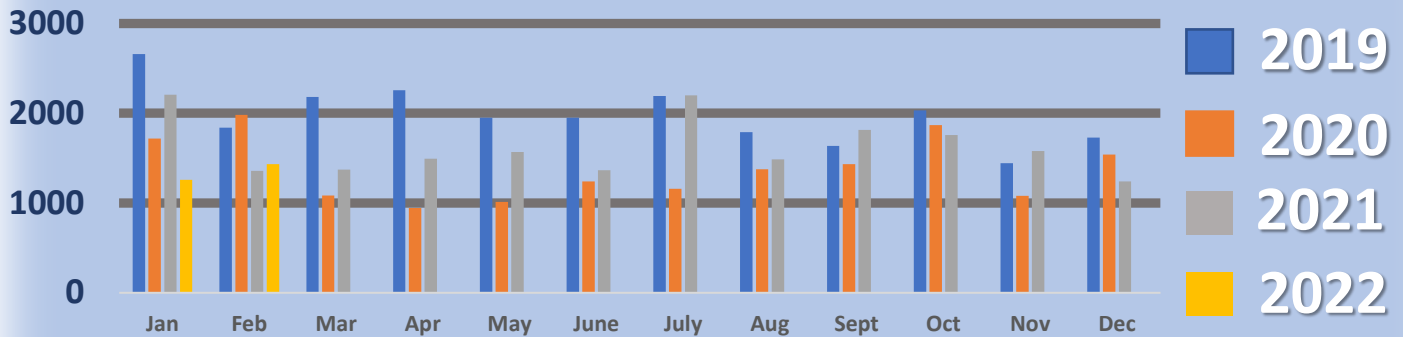
LEAD SERVICE LINE REPLACEMENT ACTIVE LOANS



**FEBRUARY
2022**

CUSTOMER RELATIONS & FISCAL SUMMARY

SERVICE TECH MILES DRIVEN



CROSS CONNECTION

99
13

Inspections by SWU

Inspections by Hydro Corp

1

Facilities with
Compliance Issues



LEAD EDUCATION

19

WDNR Lead in
Drinking Water
brochures distributed
at home visits

TROUBLESHOOTING WORK ORDERS COMPLETED

76

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

LEAK ALLOWANCES ISSUED

7

Customer Requests

899

CCF Allowed @ Reduced Rate



SERVICE LEAKS

0

New Reported Leak(s)

1

Leak(s) Fixed or Off)

0

Active Leak(s) Month End

METERS

113

Meters

Installed/Replaced

103

Meters Tested



FEBRUARY
2022

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE



5 February New Followers

729 Total Followers

WEBSITE VISITORS

3,119



2021 Visits in February: 2,682
Top Page Viewed: **Pay Your Bill**

ADDITIONAL CR/F ACTIVITIES FEBRUARY

- ◆ Service Techs continue their work changing out and testing water meters.
- ◆ New water rates entered as of 2/1/2022, as allowed by PSC.
- ◆ Submitted the 2021 Cross Connection Control report to the WDNR.
- ◆ (1) Service Tech attended WI AWWA Distribution Seminar in Wisconsin Dells.
- ◆ Lead Service Tech attended time management class through UW Madison.
- ◆ Distribution Tech made transition to Service Tech.
- ◆ Formally transitioned the A/P approval process and records to electronic.

**FEBRUARY
2022**



BOARD OF WATER COMMISSIONERS

BID TABULATIONS-3/1/2022
Water Service Replacement
2022 Emergency and Non-Emergency LSL Spot Replacements
SHEBOYGAN WATER UTILITY PROJECT #22001-6

			KORFF PLUMBING, LLC (SHEBOYGAN)		ESSENTIAL SEWER AND WATER (SHEBOYGAN)		EDGEWATER PLUMBING (SHEBOYGAN)	
Item	Bid Item Description	Qty.	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	Non-Emergency Water service replacement, water main to curb stop, per LS	25	\$ 4,900.00	\$ 122,500.00	\$ 4,125.00	\$ 103,125.00	\$ 7,230.00	\$ 180,750.00
2	Emergency Water service replacement, water main to curb stop, per LS	5	\$ 4,900.00	\$ 24,500.00	\$ 4,790.00	\$ 23,950.00	\$ 9,785.00	\$ 48,925.00
3	Non-Emergency Water service replacement, curb stop to house, per LS	25	\$ 3,700.00	\$ 92,500.00	\$ 4,290.00	\$ 107,250.00	\$ 4,755.00	\$ 118,875.00
4	Emergency Water service replacement, curb stop to house, per LS	5	\$ 3,700.00	\$ 18,500.00	\$ 4,790.00	\$ 23,950.00	\$ 5,995.00	\$ 29,975.00
5	Meter setting rebuild, per EA	30	\$ 100.00	\$ 3,000.00	\$ 875.00	\$ 26,250.00	\$ 925.00	\$ 27,750.00
6	Electrical Grounding, per EA	30	\$ 200.00	\$ 6,000.00	\$ 500.00	\$ 15,000.00	\$ 515.00	\$ 15,450.00
TOTAL CONTRACT PRICE			\$267,000.00		\$299,525.00		\$421,725.00	


Bid Tabulation: RFQ 2022 Water Main Parts and Valves

Item No.	Description	Qty.	Ferguson Waterworks		Core and Main		ETNA Supply	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	8" PVC (C-905) Pipe DR-18 Pressure Class 235, per linear ft.	420	\$20.41	\$8,572.20	\$20.00	\$8,400.00	\$108.70	\$45,654.00
2	6" Ductile Iron Pipe, cl 52, push joint, as per our spec., per linear ft.	144	\$24.03	\$3,460.32	\$24.50	\$3,528.00	\$24.80	\$3,571.20
3	8"x4" reducer MJ-MJ	1	\$74.70	\$74.70	\$73.00	\$73.00	\$379.60	\$379.60
5	8"x6" reducer MJ-MJ	1	\$79.95	\$79.95	\$78.25	\$78.25	\$404.40	\$404.40
6	Bends - 6"x 45 MJ-MJ	4	\$76.45	\$305.80	\$74.75	\$299.00	\$248.35	\$993.40
7	Bends - 8"x 45 MJ-MJ	4	\$111.40	\$445.60	\$109.00	\$436.00	\$364.10	\$1,456.40
8	Bends - 8"x 11 1/4 MJ-MJ	2	\$98.73	\$197.46	\$96.70	\$193.40	\$433.70	\$867.40
9	Bends - 8"x 22 1/2 MJ-MJ	2	\$108.78	\$217.56	\$106.55	\$213.10	\$453.50	\$907.00
10	Tee - 8" x 6" Anchoring MJ-MJ-Swivel	2	\$195.27	\$390.54	\$191.25	\$382.50	\$791.10	\$1,582.20
11	4" Megalug style MJ retainer gland for ductile (EBBA or equal) with accessories	1	\$26.15	\$26.15	\$35.20	\$35.20	\$46.20	\$46.20
12	6" Megalug style MJ retainer gland for ductile (EBBA or equal) with accessories	36	\$32.71	\$1,177.56	\$46.35	\$1,668.60	\$54.85	\$1,974.60
13	8" Megalug style MJ retainer gland for PVC (EBBA or equal) with accessories	12	\$56.36	\$676.32	\$72.45	\$869.40	\$73.45	\$881.40
14	6" Alpha XL Sleeve	8	\$398.00	\$3,184.00	\$400.00	\$3,200.00	\$394.00	\$3,152.00
15	10" Alpha XL Sleeve	2	\$652.63	\$1,305.26	\$650.00	\$1,300.00	\$646.00	\$1,292.00
16	Valve Box - #26T 26" Top Section, Tyler 6850/60	25	\$58.84	\$1,471.00	\$95.00	\$2,375.00	\$103.00	\$2,575.00
17	Valve Box - Standard Drop Lid marked "water" for 5-1/4" boxes, Tyler	25	\$16.00	\$400.00	\$16.80	\$420.00	\$18.40	\$460.00
18	Valve Box - #24B Bottom Section, for three piece, Tyler	25	\$33.53	\$838.25	\$74.00	\$1,850.00	\$75.30	\$1,882.50
19	6" solid cap, MJ	6	\$38.44	\$230.64	\$37.65	\$225.90	\$122.00	\$732.00
20	2" Yelomine Certa-Lok Pipe (or equivalent)	\$400.00	\$4.20	\$1,680.00	\$2.60	\$1,040.00	\$5.00	\$2,000.00
Total:			\$24,733.31		Total:	\$26,587.35	Total:	\$70,811.30
Lead Time:			0-20 weeks		3 weeks		3-22 weeks	


Bid Tabulation: RFQ 2022 Water Main Parts and Valves

Item No.	Description	Qty.	Ferguson Waterworks		Core and Main		ETNA Supply	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	6' Trench Hydrant 6" MJ, complete	2	\$3,280.00	\$6,560.00	\$3,265.00	\$6,530.00	\$3,078.00	\$6,156.00
2	6'-6" Trench Hydrant 6" MJ, complete	2	\$3,348.00	\$6,696.00	\$3,335.00	\$6,670.00	\$3,142.00	\$6,284.00
3	7' Trench Hydrant 6" MJ, complete	4	\$3,420.00	\$13,680.00	\$3,400.00	\$13,600.00	\$3,209.00	\$12,836.00
5	Resilient Wedge Gate Valve - 6" MJ-MJ	2	\$799.00	\$1,598.00	\$798.00	\$1,596.00	\$787.60	\$1,575.20
6	Waterous/AFC 8" Gate Valve w/Alpha Ends	2	\$1,425.00	\$2,850.00	\$1,245.00	\$2,490.00	\$1,408.00	\$2,816.00
7	1" Curb Stop, A.Y. McDonald 6104Q, Ford B44-444M-G, or equal.	2	\$97.32	\$194.64	\$125.00	\$250.00	\$123.45	\$246.90
8	8"x6" Stainless Steel Tapping Sleeve to fit cast iron pipe-Flanged	1	\$481.23	\$481.23	\$515.00	\$515.00	\$686.00	\$686.00
9	Resilient Wedge Gate Valve - 6" MJ-FL	1	\$799.00	\$799.00	\$722.75	\$722.75	\$1,408.00	\$1,408.00
Total:				\$32,858.87	Total:	\$32,373.75	Total:	\$32,008.10
Lead Time:			0-20 weeks		1 week		10-21 weeks	

To: Joe Trueblood, Utility Superintendent
From: Dave McMillan, Distribution Supervisor
Subject: 2022 Hydrant Painting

The Water Utility solicited a quote for painting 100 hydrants for the 2022 calendar year.

Ferguson Waterworks: They have painted hydrants for the Utility during previous years.

Scope:

- Sandblast to metal
- Primer- Devoe 224 HS Epoxy Primer 3-4 mils
- Top Coat- Devoe 379 UVA Urethane 3-4 mils

Price- \$135.00 per hydrant

Recommendation:

I recommend we accept the quote from Ferguson Waterworks. They are a reputable company that has completed quality work for the Water Utility in the past. There was a price increase this year due to large increases in the cost of paint, blasting media, and fuel.

DAVIES SERVICES

A division of  **FERGUSON**
a WOLSELEY company

3/9/2022

Sheboygan Water Utility

Re: Hydrant Paint

Attn: Dave McMillan

Below is the information you requested. If you need any further information, feel free to contact me.

Sandblast Prime and topcoat Hydrants one color only. 135.00 each

Best regards,

John Paalman

920-740-3131

REQUISITION

Item 10.

SHEBOYGAN WATER UTILITY

REQUISITION DATE 03/12/2022

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 03/22/2022

REQUISITION NO. 4883

QTY	ITEM #	INVENTORY #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
4			Part No. 100-2951, 3" E-Series, RND(12)	1,803.61	7,214.44
			Total Freight Misc		
NOTE:					
TOTAL					7,214.44

☐ 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