

*****ATTACHMENTS*****



REPORT OF BILLING

FEBRUARY 2020

	<u>2020</u>	<u>2019</u>	Increase or (Decrease)
Quarterly Metered*			
(Dist III - south of Union Ave)			
Residential	190,101.34	194,165.78	(4,064.44)
Multi-Family	22,136.07	22,926.43	(790.36)
Commercial	28,876.63	28,814.68	61.95
Industrial	14,124.53	17,334.87	(3,210.34)
Public	<u>8,218.80</u>	<u>7,417.10</u>	<u>801.70</u>
Subtotal	263,457.37	270,658.86	(7,201.49)

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

Public Fire Protection	67,541.26	67,766.81	(225.55)
Monthly Metered	<u>315,463.43</u>	<u>322,557.66</u>	<u>(7,094.23)</u>
Sheboygan Net	646,462.06	660,983.33	(14,521.27)
Sheboygan Falls	41191.60	38071.88	3,119.72
Kohler	<u>23794.32</u>	<u>26638.56</u>	<u>(2,844.24)</u>
Total	711,447.98	725,693.77	(14,245.79)

Total accumulative billing for 2020 is \$1,351,819.81. A decrease of \$71803.75 from 2019 accounted for as follows:

	<u>2020-Total Year to Date</u>
Sheboygan	(67,742.51)
Sheboygan Falls	2,822.56
Kohler	<u>(6,883.80)</u>
	(71,803.75)

Total bills mailed February, 2020: 6,629

Residential	6,044		
Multi-Family	92	Multi-Family	5
Commercial	321	Commercial	19
Industrial	50	Industrial	63
Public	27	Public	8
Quarterly	6,534	Monthly	95

Distribution System -- February 2020

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

Location	Date Installed	Size ("), Jt	Installed By	Type
South 9th St. and Washington Ave.	2/17/2020	6"	Ute.	Gate

Total Valves Installed = 1

Street Valves and Hydrant Valves Removed

Location	Installed	Abandoned	Type
South 9th St. and Washington Ave.	1960	2020	Gate

Total Valves Removed = 1

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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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
2502 Georgia Ave	2/20/2020	6"
2638 Erie Ave	2/24/2020	12"
S 9th St and Washington Ave	12/14/2020	6"

Total Water Main Breaks = 3

SUMMARY

Number of feet of 4 inch water main installed	0	water main
Number of feet of 6 inch hydrant lead installed	0.00	
Number of feet of 6 inch water main installed	0	
Number of feet of 8 inch water main installed	0	
Number of feet of 12 inch water main installed	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	hydrants
Number of feet of water main abandoned or removed	0	
Number of water main breaks repaired	3	
Number of hydrants installed	0	valves
Number of hydrants removed or abandoned	0	
Number of hydrants maintained or moved	0	
Number of street valves installed	1	valves
Number of hydrant valves installed	0	
Number of street valves removed or abandoned	1	
Number of hydrant valves removed or abandoned	0	
Number of valves maintained	0	
Number of water connections installed	3	

MONTHLY CONSTRUCTION-MAINTENANCE DEPARTMENT REPORT

February 2020

Distribution System Maintenance:

- Water Main repair on Washington Ave and S 9th St.
- Water Main repair on Georgia Ave and S 25th St.
- Water Main repair on Erie Ave and North 27th St.
- Temporary water installed on Swift Avenue and S 7th Street.
- 6" Valve replacement at Washington Ave and S 9th St.
- Hauled fill to replenish on-site inventory.
- Temporary road restoration at on Washington Ave, Georgia Ave, and Erie Ave.
- Water quality flushing on Heerman Ct.

Taps:

- 1" tap on Swift Ave; Lead water service removed from system.
- Two 1" taps on S 7th St; Lead water services removed from system.

Building/Grounds Maintenance:

- Snow removal from snowstorms.
- The crew fabricated, coated, and installed new angle iron brackets in the South Basin of the Filter Plant.
- Removed old steam pipe from pipe gallery in filter plant.
- Cleared fire hydrants around the city from the many snow events that were encountered.
- Completed office bathroom updates.
- Installed new signage at EE and Horizon Reservoirs.

Equipment Maintenance:

- Performed routine maintenance and repairs on construction equipment and vehicle fleet.
- Repaired electrical issue on Bobcat Skidsteer.

Training:

- Distribution Techs and Distribution Supervisor attended Wisconsin AWWA Distribution Conference.
- Distribution/Engineering Departments attended defensive driving training.

CUSTOMER RELATIONS & FISCAL SUMMARY

UTILITY BILLS



Emailed 
1552

PAYMENT TRANSACTIONS

Electronic 3,078

Cash & Check 3,052

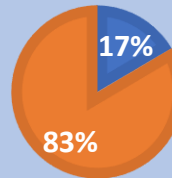
#

6,130

Total Number of
Payments Processed

13

Payments Returned
Not Honorable



■ Auto-Pay
■ One Time

COLLECTIONS

District 1 *Subject to disco in February*

\$867,166

Billed

\$130,346

Outstanding After
Due Date

127

Disconnect
Letters Mailed

9

Properties
Disconnected

\$45,172

Outstanding After
Collection
Attempts

CUSTOMER SERVICE

1374

Answered Incoming Calls (*all lines*)

927

Past Due Automated Phone Calls

186

Account Transfers Completed

67

Property Data Requests Fulfilled

32

Payment Agreements Created

PSC COMPLAINTS

1

PSC Complaint(s) Filed



Utility in Compliance?

ACCOUNTS PAYABLE

176

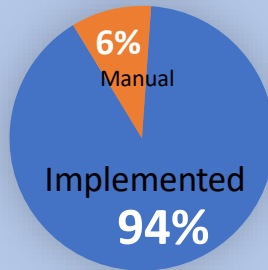
Invoices Paid

FEBRUARY
2020

CUSTOMER RELATIONS & FISCAL SUMMARY

ADVANCED METER READING

229
Orions Installed



MILES

1,982



Service Tech
Miles Driven

DISCONNECTS

Non-Payment **9**

Non-Access **0**



CROSS CONNECTION

Inspections

33 Residential

141 All Other

Findings

139 Compliant

35 Non-Compliant

LEAD BROCHURES

85 WDNR Lead in
Drinking Water
Brochures Distributed

LEAK ALLOWANCE

2 Customer Requests

199 CCF Allowed @ Reduced Rate



SERVICE LEAKS

4 New Reported Leaks

3 Leaks Fixed

2 Active Leak(s) Month End

METERS

43

Meters

Installed/Replaced

14

Meters Tested



FEBRUARY
2020

CUSTOMER RELATIONS & FISCAL SUMMARY

FACEBOOK PAGE



4 February New Followers

531 Total Followers

WEBSITE VISITORS

2,173



Top Page Viewed: **Pay Your Bill**

MOST IMPRESSIONABLE FACEBOOK POSTS



Sheboygan Water Utility
Published by Tamara Mae [?] · February 26 · 🌐

Public Meeting Reminder 🧑

Join Utility staff tomorrow evening to learn more about the Geele Ave Lead Service Line and Water Main Replacement Project. This project is occurring with the City of Sheboygan's Street Resurfacing Project this spring.

Meeting Date and Time: Thursday, February 27, 2020, 5:30 pm. ... See More

WATER METER In the Home
PRIVATE SHUT-OFF VALVE
PRIVATE WATER

Water main replacement

Get More Likes, Comments and Shares
When you boost this post, you'll show it to more people.

972 People Reached 246 Engagements **Boost Post**

Andrew Filtz, Don Mueller and 2 others 2 Comments 4 Shares

Sheboygan Water Utility
Published by Tamara Mae [?] · February 25 · 🌐

Sheboygan Water Utility drivers participated in an 8 hour defensive driving course at Lakeshore Technical College today. After classroom training, employees went head to head in a timed and scored driving course.

While all employees did extremely well with the course, only two could come out on top! Congratulations to all our safe drivers, but especially Dave and Eric! Enjoy your trophies 🏆!!

Get More Likes, Comments and Shares
When you boost this post, you'll show it to more people.

350 People Reached 160 Engagements **Boost Post**

Bryce Ladwig, Samantha Radloff and 19 others 3 Comments 1 Share

Top: Defensive Driving Training
Left: Public Meeting For Geele Ave Project

FEBRUARY
2020

CUSTOMER RELATIONS & FISCAL SUMMARY

ADDITIONAL CR/F ACTIVITIES FEBRUARY

- ◆ The Service Techs attended an 8-hour Defensive Driving training session at Lakeshore Technical College. The course consisted of 4 hours of classroom learning and 4 hours of hands on driving at the skills course.
- ◆ The CR/F Supervisor, Lead Service Tech, and 2 Service Techs attended the Wisconsin AWWA Distribution Seminar in Wisconsin Dells.
- ◆ Jeff G and Tom D competed in Meter Madness at the Distribution Conference. This was Jeff's second year competing and Tom's first year. While they didn't come in first place, they both had amazing times. They both put their meters together in under 40 seconds!



FEBRUARY
2020

February 2020

OPERATIONS' DEPARTMENT MONTHLY REPORT

PUMPAGE	HIGH LIFT		LOW LIFT		2020 VS 2019 HL -3.18%
	2019	2020	2019	2020	
Total in MG	356.508	345.166	358.088	347.084	
Daily Average (MG)	12.757	11.924	12.789	11.968	
Max. Day (MG)	14.103	13.348	14.477	13.406	2020 VS 2018 HL 0.07%
Gal/KwH	1,061	1,174	4,415	5,341	
ELECTRICAL COSTS					
A. Pumping:					
	2019		2020		
	KwH	\$	KwH	\$	
High Lift	333,646	\$27,712.73	291,788	\$22,545.48	
Low Lift	80,641	\$6,698.06	64,527	\$4,985.78	
Wash Pump 1	2,800	\$232.57	2,800	\$216.35	
Georgia St. Bstr.	59,600	\$5,284.80	50,400	\$4,730.55	
Wilgus Ave. Bstr.	1,400	\$174.99	3,100	\$378.83	
EE Pit / Bstr.	2,972	\$364.37	4,618	\$539.60	
Erie Ave. Bstr.	11,600	\$1,909.49	0	\$0.00	
Sub Total	492,659	\$42,377.01	417,233	\$33,396.59	\$/KwH -6.9%
B. Treat./Fiscal/Misc.					
	KwH	\$	KwH	\$	
Office & Maint. Bldg.	5,852	\$701.37	5,220	\$614.60	
Filter Plant / Pump Station / 2nd Service	60,713	\$5,573.30	58,885	\$4,930.76	
Sub Total	66,565	\$6,274.67	64,105	\$5,545.36	\$/KwH -8.2%
C. Distribution:					
	KwH	\$	KwH	\$	
Taylor Hill Tank	1,813	\$222.36	2,603	\$315.26	
Kohler Meter Pit	0	\$0.00	0	\$0.00	
EE Tower	1,382	\$179.25	1,711	\$135.53	
Washington (PRV) Pit	2,118	\$280.02	1,405	\$187.73	
Sub Total	5,313	\$681.63	5,719	\$638.52	\$/KwH -7.0%
Total Electrical Costs	564,537	\$49,333.31	487,057	\$39,580.47	
Electrical Cost / MG		\$138.38		\$114.46	
NATURAL GAS COSTS					
	2019		2020		
	CCF Used	Cost	CCF Used	Cost	
Production Facility	3,133	\$1,531.11	2,694	\$1,125.37	
South Basin	4,333	\$2,136.35	3,355	\$1,425.14	
Georgia St. Bstr.	271	\$145.28	164	\$94.02	
Erie Ave. Bstr.	607	\$357.44	390	\$192.67	
Wilgus Ave. Bstr.	77	\$51.41	63	\$44.60	
Office & Maint. Bldg.	1,392	\$697.28	1,181	\$508.83	\$/CCF -13.8%
Total Natural Gas Costs	9,813	\$4,918.87	7,847	\$3,390.63	
Natural Gas Cost / MG		\$13.80		\$9.81	
CHEMICAL COSTS					
	2019		2020		
	Lbs. Used	Cost	Lbs. Used	Cost	
Alum	73,968	\$10,651.42	78,383	\$11,091.19	-1.7%
Carbon	0	\$0.00	0	\$0.00	#DIV/0!
Chlorine	6,371	\$5,759.38	6,207	\$5,077.33	-9.5%
Fluoride	2,033	\$1,788.60	1,974	\$1,737.12	0.0%
KMnO4	0	\$0.00	0	\$0.00	#DIV/0!
Cationic Polymer	0	\$0.00	0	\$0.00	#DIV/0!
Liquid Phosphate	2,139	\$2,716.53	2,479	\$3,148.33	0.0%
Total Chemical Costs		\$20,915.93		\$21,053.97	0.7%
Chemical Cost / MG		\$58.67		\$60.89	
Grand Total		\$75,168.11		\$64,025.07	-14.82%
Total Cost / MG		\$210.85		\$185.15	-12.19%

YTD HL 2020 vs 2019	-2.29%	YTD HL HIGH DAY PUMPAGE	14.289	January 17, 2020	
YTD HL 2020 vs 2018	-2.41%	YTD HL LOW DAY PUMPAGE	8.396	January 1, 2020	
					YTD HL Ave Day
				2020	11.983
				2019	12.467
				2018	12.460

NOTE:
Pumpage is down ~3.18%.

COMPARATIVE SUMMARY OF PLANT OPERATIONS

February 2019

vs

February 2020

Pumping Record

High Lift

Low Lift

	2019	2020	Diff.		2019	2020	Diff.
Tot. Water in MG	356.508	345.166	-3.18%	Tot. Water in MG	358.088	347.084	-3.07%
Daily Average	12.757	11.924	-6.53%	Daily Average	12.789	11.968	-6.42%
Maximum Day	14.103	13.348	-5.35%	Maximum Day	14.477	13.406	-7.40%
Minimum Day	11.111	9.533	-14.20%	Minimum Day	11.118	9.648	-13.22%
By Natural Gas	3.090	3.329	7.73%	By Natural Gas	2.084	2.476	18.81%
Power in KWH	333,646	291,788	-12.55%	Power in KWH	80,641	64,527	-19.98%
Gals. per KWH	1.061	1,174	10.62%	Gals. per KWH	4,415	5,341	20.97%
Power \$ / KWH	\$0.08306	\$0.07727	-6.97%	Power \$ / KWH	---	---	---
Power \$ / MG	\$77.58	\$65.20	(\$12.38)	Power \$ / MG	\$18.71	\$14.36	(\$4.35)
Tot. Power \$/MG	\$141.89	\$115.91	(\$25.98)	Tot. Power \$/MG	---	---	---

Treatment Chem.

Lbs. Used

Cost

Total Lbs.	2019	2020	Diff.	Total Cost	2019	2020	Diff.
Alum	73,968	78,383	5.97%	Alum	\$10,651.42	\$11,091.19	\$439.77
Carbon			#DIV/0!	Carbon	\$0.00	\$0.00	\$0.00
Chlorine	6,371	6,207	-2.57%	Chlorine	\$5,759.38	\$5,077.33	(\$682.05)
KMnO4	0	0	#DIV/0!	KMnO4	\$0.00	\$0.00	\$0.00
Polymer	0	0	#DIV/0!	Polymer	\$0.00	\$0.00	\$0.00
Liquid Phosphate	2,139	2,479	15.90%	Liquid Phosphate	\$2,716.53	\$3,148.33	\$431.80
Lb/ MG:				Cost / MG:			
Alum	206.6	225.8	9.33%	Alum	\$29.75	\$31.96	\$2.21
Carbon	0.0	0.0	#DIV/0!	Carbon	#DIV/0!	#DIV/0!	#DIV/0!
Chlorine	17.8	17.9	0.51%	Chlorine	\$16.08	\$14.63	(\$1.46)
KMnO4	0.0	0.0	#DIV/0!	KMnO4	#DIV/0!	#DIV/0!	#DIV/0!
Liquid Phosphate	6.0	7.1	19.57%	Liquid Phosphate	\$7.59	\$9.07	\$1.48

Fluoride:	2019	2020	
Total Lbs.	2,033	1,974	-2.90%
mg/l applied as F	0.73	0.70	
Av. Res. Plt. Tap	0.74	0.64	

Fluoride:	2019	2020	
Cost	\$1,788.60	\$1,737.12	(\$51.48)
Cost/MG	\$5.02	\$5.03	\$0.01

Water Quality:

Raw

TAP

	2019	2020
Turbidity	10.80	19.60
pH	8.07	8.23
Alkalinity	115.2	115.3
MF (E-Coli)	2.2	0.7
Temperature	32.8	33.5
Wash-H2O % /LL	1.72	1.54
Av. Fil. Run/hrs	162.6	154.0
Av. ROF / MG	1.38	1.34

	2019	2020
Turbidity	0.019	0.026
pH	7.41	7.48
Alkalinity	101.1	100.9
Plate Count	0.00	0.00
Colilert	0	0
Temp.	32.5	34.2
Cl Res.	0.83	0.85

Natural Gas:

	2019	2020		2019	2020	Diff.
Nat. Gas Heating	6,897	5,488	Plant & South Basin	\$3,389.53	\$2,316.08	(\$1,073.45)
Nat. Gas Pumping	569	561		\$277.93	\$234.43	(\$43.50)

	CCF	Cost	Natural Gas Cost	Natural Gas CCF
#3 Gas Pump	130.2	\$54.39	\$2,550.51	6,049
#4 Gas Pump	198.0	\$82.71		
#7 Gas Pump	105.0	\$43.86		
Electric Generator	128.0	\$53.47		
Pumping totals	561.2	\$234.43		

Filter Plant Maintenance Completed For February 2020

Subject	StartDate	EndDate	Description
Erie	3-Feb-20		Check coolant leak and get repair pricing from Fischer Fleet.
Monday Meeting	3-Feb-20		Topics include Erie generator maintenance, LED install, SMART goals, and lab update.
Filter 3 Lights	3-Feb-20		Install new conduit, wiring, and switch for filter lights.
Taylor Hill	3-Feb-20		Dog house door handle, reagent check, check heaters, and run sump.
Honold	3-Feb-20		Two LED lights, 3 boxes, and 5 hold ins.
Trilling	3-Feb-20		Door handle for Taylor
Dan operating 2nd shift	3-Feb-20	4-Feb-20	Dan covering 2nd shift for Jeff.
Filter 1 Lights	4-Feb-20		Install new conduit, wiring, and switch for filter lights.
Filter 3 Conduit	4-Feb-20		Remove old conduit and wiring.
Filter 1 Conduit	4-Feb-20		Remove old conduit and wiring.
Filter 1 and 3 Trash	5-Feb-20		Throw out old conduit, operations trash, and lab garbage.
Monitor Stand	5-Feb-20		Refurbish computer monitor stand.
Low lift heater	5-Feb-20		Trouble shooting low lift heater fan motor.
Filter 4 Wash Valve	5-Feb-20		Reset home position on filter wash valve actuator (valve in poor condition).
20 Amp Outlet	5-Feb-20		Installed new outlet box and 20 amp outlet by lighting panel 6.
Air Compressor Plug	5-Feb-20		Install new 20 amp male compressor plug.
UV Reference Check	6-Feb-20		Perform UV reference check procedure.
UVT% Test	6-Feb-20		Perform benchtop UVT% test, zero UVT analyzers, and replace desiccant packs.
PO and Research	6-Feb-20		PO requests, research generator water pump and low lift heater motor.
Honold, Menards, Motion	6-Feb-20		Honold for impeller; Menards for 30 amp knife switch; Motion for heater motor and generator water pump.
Trilling's	6-Feb-20		Purchase new 6 x 1.00 mm stainless allen bolts.
Raw Water Pump	6-Feb-20		Rebuild old raw water pump with new impeller and gasket set.
Floor Scrubber	7-Feb-20		Disassemble floor scrubber, clean brushes, remove filter, clean tanks, and re-check.
Menards	7-Feb-20		New operator chair and horizon cabinet.
Horizon	7-Feb-20		Check hypo level, reset meter, and drop off new shelving.
Obsolete Conduit	7-Feb-20		Remove obsolete 1959 wiring and conduit from raw water sample area.
Raw Water Sample Pump	7-Feb-20		Begin fabricating new raw water sample shelf.
Monday Meeting	10-Feb-20		Topics include intake meeting, time off, snow removal, reservoir temps, SMART goals, etc.
Snow Removal	10-Feb-20		Remove snow from filter plant sidewalks.
North East Door	10-Feb-20		Diagnose/repair NE door alarm issue.
Horizon, EE, and EE Pit	10-Feb-20		Drop interior heaters to 55 F, check reagents, and inspect.
Taylor, Erie, and Wilgus	10-Feb-20		Lower heaters to 55 F, check reagents, and inspect facility.
Intake Meeting	11-Feb-20		Raw water improvement project; phase one.
Low Lift LED	11-Feb-20		Install two new LED light assemblies.
Joe Tour	12-Feb-20		Fire Chief tour.
Cleaned maintenance shop	12-Feb-20		Cleaned maintenance shop and tools
East HYPO roller	12-Feb-20		Removed and greased East HYPO pump roller
trouble shooting bobcat	12-Feb-20		Josh helped trouble shoot crews bobcat issues
Maintenance monthly paperwork	12-Feb-20		Maintenance monthly paperwork submitted to supervisor
Deferred Comp	13-Feb-20		Joshua Deferred comp appointment at 10:15
Filter plant cleaning	13-Feb-20		Cleaned common areas, filter tables and filter hall
West alum pump roller	13-Feb-20		Greased west alum pump roller
Buffer and DPD East/South	13-Feb-20		Replaced buffer and DPD reagents on south and east swan HYPO analyzers
Heater Fan	14-Feb-20		Disassemble fan assembly and use right stuff to adhere bearings to case.
Wash Pump 1	14-Feb-20		Begin fabricating coupling cover for wash pump 1.
West Basin Floc Packing	14-Feb-20		Inspect West basin floc packing for excessive water leak; recommend replacement when west basin is serviced.
Diagnose Hypo Bulk Storage Heater	14-Feb-20		Diagnose heater for inop; found seized exhaust fan bearing, disassembled and greased.
Plant and Operations Trash	14-Feb-20		Remove plant and operations trash.
Monday Meeting	17-Feb-20		
RPZ Bracket	17-Feb-20		Remove old hardware and install new 6" RPZ brackets; RPZ in pipe gallery.
RPZ Bracket	17-Feb-20		Fabricate new 6" RPZ brackets.
Hypo Heater	17-Feb-20		Install rebuilt hypo bulk area heater blower motor.
Wash Pump 1	17-Feb-20		Install wash pump 1 surround, tighten check valve, and clean pump base.
Wash Pump 1	17-Feb-20		Finish fabricating wash pump 1 coupling surround.
Maintenance Shop	17-Feb-20		Clean maintenance shop, sharpen drill bits, and temporarily repair south basin sludge camera.
FP Snow removal	18-Feb-20		Snow removal

south basin HYPO analyzer	18-Feb-20		Cleaned and refilled reagents on south basin influent analyzer
Low Lift Heater Motor	18-Feb-20		Install new low lift heater blower motor and adjust housing.
Ran floor cleaner	18-Feb-20		Ran floor cleaner in filter hall
Raw Water Shelf	18-Feb-20		Fabricate new raw water sample pump shelf out of angle iron and aluminum.
Raw Water Shelf	18-Feb-20		Sand, degrease, and prime raw water sample pump shelf.
Menards and Motion	18-Feb-20		Menards for gloves, paint, primer, and Cat5 ends. Motion for new low lift heater blower motor.
Raw Water Shelf	19-Feb-20		Apply 3 coats of black paint.
Menards	19-Feb-20		Purchase new 6' ladder for filter plant, 1/2" valves, 1/2" copper, and misc.
Honold	19-Feb-20		1/2" valves, order parts, and wrench set.
Sample Jar	19-Feb-20		Begin fabricating manifold bracket out of stainless.
South basin HYPO analyzers	19-Feb-20		Cleaned south basin HYPO analyzers
Honold and Menards	19-Feb-20		Honold and Menards for filter plant maintenance items
Maintenance paperwork	19-Feb-20		Purchase orders and looking up parts information
Sample Jar	20-Feb-20		Remove sample jar lines and waste line.
Sample Jar	20-Feb-20		Install 1/2" manifold, valves, and fittings.
Diagnose 6" Valve Inop	20-Feb-20		Unable to turn 6" gate valve feeding filter sweeps, worked back and forth to no avail, need further investigation.
Maintenance paperwork	20-Feb-20		Purchase orders and vendor contact for parts info
Data collection	20-Feb-20		Compiling flow data information for suction well project
Filter plant common areas	20-Feb-20		Cleaned and mopped filter plant common areas and removed garbage
Sample Jar	21-Feb-20		Finish running 1/2" tap line to sample jar.
Sample Jar	21-Feb-20		Clean drain lines, prime handles, install new 1/2" valve, and cycle 3" rpz.
Raw Water Pump	21-Feb-20		Prime raw water pump shelf.
Dust	21-Feb-20		Dust filter hall wood cabinetry.
East, West, and South NTU Meters	21-Feb-20		Flush and clean NTU meters.
Sample Sink	21-Feb-20		Clean and flush filter hall sample sink.
Dan operating 2nd shift	22-Feb-20	22-Feb-20	Dan covering 2nd shift for Mark
Dan off for coverage	24-Feb-20		Dan off for coverage
Honold	24-Feb-20		Order rubitex, plumbing adapters, and hose barbs.
Raw Water Shelf	24-Feb-20		Install new raw water shelf and begin fabricating pipe work.
Maintenance Shop	24-Feb-20		Clean maintenance shop and pipe gallery hardware
3" Pipe Gallery Hanger	24-Feb-20		Install new 3" pipe hangers
Raw Water Shelf	25-Feb-20		Finish installing raw water shelf.
Safe Driving Class	25-Feb-20		LTC safe driving class.
South alum pump roller	26-Feb-20		Greased south alum pump roller.
Records room	26-Feb-20		Monthly/daily records returned to records storage room
Customer Water Quality	26-Feb-20		Assist Eric in customer water quality assurance.
Menards	26-Feb-20		Picked up wood, power strip, and misc.
Erie	26-Feb-20		Drop off shelving material.
Honold	26-Feb-20		Pickup Rubatex, 1/2" clamps, and 4" brackets.
Raw Water Pump	26-Feb-20		Install new (correct) cutoff switch and conduit for raw water pump.
Filter plant Cleaning	27-Feb-20		Cleaned filter plant common areas
Removed trash	27-Feb-20		Removed trash and metal
Honold	27-Feb-20		Honold for maintenance parts
Menards	27-Feb-20		Pickup new hoses, hammer, wrenches, and misc.
Rapid Mix Room	27-Feb-20		Cleaned rapid mix and poly feed room.
Raw Water Pump	27-Feb-20		Install new raw water lines and valves.
Low Lift Vacuum Prime	28-Feb-20		Remove leaking water line to vacuum system and order new.
Bulk Hypo Storage Room	28-Feb-20		Vacuum floor, run eyewash station, check heater, and misc.
Filter Hall	28-Feb-20		Clean hall floor
Floor Scrubber	28-Feb-20		Install new drain hose.
Poly Feed Room	28-Feb-20		Replaced three 2" couplings and installed two new hoses.
Hypo Meters	28-Feb-20		Cleaned East and West hypo meters.
Honold Menards Motion	28-Feb-20		Honold, Menards and Motion for filter plant maintenance items
Sand blasted control box	28-Feb-20		Sand blasted control box
Refurbishing control box	28-Feb-20		Worked on refurbishing control box
Cleaned maintenance shop	28-Feb-20		Cleaned maintenance shop

REQUISITION

SHEBOYGAN WATER UTILITY

REQUISITION DATE 03/10/2020

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 03/23/2020

REQUISITION NO. 4687

QTY	ITEM #	INVENTORY #	DESCRIPTION	UNIT PRICE	TOTAL PRICE
252			M25 plastic disc meter 5/8" x 7 1/2"-5/8" bore, bare	52.32	13,184.64
252			M25 plastic disc meter 5/8" x 3/4" x 7 1/2"-3/4" bore, bare	52.32	13,184.64
400			M25 Orion ME 2	145.22	58,088.00
10			M70 LL Disc meter w/ Orion ME 2	335.55	3,355.50
2			3" E Series, round (3" x 17"), Cu/Ft w/Orion ME 2 twist tight connect	1,773.06	3,546.12
Total Freight Misc					
NOTE:					
TOTAL					91,358.90

- 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



DIXON

**ENGINEERING & INSPECTION SERVICES
FOR THE COATING INDUSTRY**

4811 S. 76th Street
Suite 109
Greenfield, WI 53220
Telephone: (414) 529-1859

Fax: (414) 282-7830

March 3, 2020

Mr. Dave McMillan
Sheboygan Water Utility
72 Park Avenue
Sheboygan, WI 53081

Subject: 2,000,000-gallon Standpipe (Georgia Avenue) Repainting and Repair Project -
Recommendation for Award

Dear Mr. McMillan:

Dixon Engineering has reviewed the bid received from George Kountoupes Painting Co. for repainting and repair of the 2,000,000-gallon standpipe and recommends award as the low bidder for the amount of \$533,200 which includes the alternate bid. George Kountoupes Painting Co. is a prequalified contractor with Dixon in good standing.

If you have any questions, please contact me at (414) 429-3430.

FOR DIXON ENGINEERING, INC.,

Kayla Mulcahy, Project Manager
NACE Certified #10049

**Members: Society of Protective Coatings • American Water Works Association
Consulting Engineers Council**

Sheboygan Water Utility, Wisconsin - 2,000,000 Gallon Standpipe
2020 Water Tower Painting Project -February 26, 2020 - 11:00 a.m.

	LC United	Seven Brothers	Utility Services	Kountoupes Painting	L&T Painting
	Sterling Hgts,	Shelby Twp.,	Perry,	Lincoln Park,	Shelby Twp.,
	MI	MI	GA	MI	MI
Section 03 00 00					
Spall Repair (1)	800	1,500		1,000	630
Section 05 00 00					
Pit Welding (1)	200	1,000		500	600
Sidewall Manway (2)	10,000	10,800		7,000	7,900
Anchor Bolts (3)	2,000	1,000		500	2,400
Cathodic Covers (4)	1,500	4,100		700	1,500
Sidewall Ladder w/ Roof Platform (5)	15,500	26,800		17,500	12,500
Roof Vent (6)	5,000	6,200		5,500	6,900
Roof Handrail & Painter's Railing (7)	16,000	18,900		12,000	18,000
Antenna Conduit (8)	27,000	24,700		12,000	16,600
Total Section 05 (1-8)	77,200	93,500		55,700	66,400
Section 09 97 13					
Exterior Repaint w/ Containment (1)	242,000	313,500		217,000	259,000
Wet Interior Repaint (2)	272,000	241,300		220,000	272,050
Seam Sealer (3)	4,000	3,100		8,000	4,500
Pit Piping Repaint (4)	6,000	3,200		3,500	6,000
Total Section 09 (1-4)	524,000	561,100		448,500	541,550
Section 13 00 00					
Mixer (1)	29,000	34,700		23,000	37,100
Alternate Bid	10,000	20,000		5,000	0
Project Total - Base Bid	631,000	690,800		528,200	645,680
Project Total - Alternate Bid	641,000	710,800		533,200	645,680
Acknowledgment of Addendum 1	Yes	Yes		Yes	Yes
Acknowledgment of Addendum 2	Yes	Yes		Yes	Yes
Bid Bond	10%	10%		10%	5%

Sheboygan Water Utility, Wisconsin - 2,000,000 Gallon Standpipe
2020 Water Tower Painting Project -February 26, 2020 - 11:00 a.m.

	TMI Coatings St. Paul, MN	Worldwide Butler, PA	Civil Coatings Valparaiso, IN	Clear Creek Coatings, New Carlisle, OH	Classic Protective Menomonie, WI
Section 03 00 00					
Spall Repair (1)	2,000	310		1,700	1,500
Section 05 00 00					
Pit Welding (1)	1,000	200		2,000	1,250
Sidewall Manway (2)	9,000	14,000		6,500	10,600
Anchor Bolts (3)	1,500	1,200		2,700	750
Cathodic Covers (4)	2,000	2,900		3,200	2,900
Sidewall Ladder w/ Roof Platform (5)	15,000	19,600		9,300	16,200
Roof Vent (6)	7,500	6,100		5,500	6,800
Roof Handrail & Painter's Railing (7)	27,500	39,640		24,000	19,350
Antenna Conduit (8)	28,000	14,100		12,500	13,800
Total Section 05 (1-8)	91,500	97,740		65,700	71,650
Section 09 97 13					
Exterior Repaint w/ Containment (1)	393,500	302,820		324,720	353,500
Wet Interior Repaint (2)	320,000	391,610		268,973	331,950
Seam Sealer (3)	3,000	10,900		4,500	2,100
Pit Piping Repaint (4)	4,000	12,400		6,000	6,750
Total Section 09 (1-4)	720,500	717,730		604,193	694,300
Section 13 00 00					
Mixer (1)	24,000	47,210		36,000	26,500
Alternate Bid	18,000	59,000		60,000	8,250
Project Total - Base Bid	838,000	862,990	Corrected Amount	705,893	736,100
Project Total - Alternate Bid	856,000	921,990		765,893	744,350
Acknowledgment of Addendum 1	Yes	Yes		Yes	Yes
Acknowledgment of Addendum 2	Yes	No		Yes	Yes
Bid Bond	10%	10%		10%	10%

Sheboygan Water Utility, Wisconsin - 2,000,000 Gallon Standpipe
2020 Water Tower Painting Project -February 26, 2020 - 11:00 a.m.

	Viking Industrial				
	Omaha,				
	NE				
Section 03 00 00					
Spall Repair (1)	3,500				
Section 05 00 00					
Pit Welding (1)	3,500				
Sidewall Manway (2)	12,500				
Anchor Bolts (3)	3,000				
Cathodic Covers (4)	4,500				
Sidewall Ladder w/ Roof Platform (5)	30,000				
Roof Vent (6)	9,500				
Roof Handrail & Painter's Railing (7)	30,000				
Antenna Conduit (8)	15,000				
Total Section 05 (1-8)	108,000				
Section 09 97 13					
Exterior Repaint w/ Containment (1)	404,025				
Wet Interior Repaint (2)	295,000				
Seam Sealer (3)	7,500				
Pit Piping Repaint (4)	40,000				
Total Section 09 (1-4)	746,525				
Section 13 00 00					
Mixer (1)	25,000				
Alternate Bid	20,000				
Project Total - Base Bid	883,025	Corrected Amount			
Project Total - Alternate Bid	903,025				
Acknowledgment of Addendum 1	Yes				
Acknowledgment of Addendum 2	No				
Bid Bond	10%				



Date: March 12th, 2020
To: Joe Trueblood, Utility Superintendent
From: Dave McMillan, Distribution Supervisor
Subject: Sheboygan Water Utility Office/Garage Building Solar Photovoltaic Project

The Sheboygan Water Utility accepted bids on the solar photovoltaic project that is an item in the 2020 budget. The Utility only received one bid for the project. The bid was submitted by Arch Electric of Plymouth, Wi.

Cost Summary

Office/Garage Building Solar Photovoltaic Project.....	\$57,286.43
Alternate: EV Charging Station.....	\$1,737.32

R. O. No. _____ . By BOARD OF WATER COMMISSIONERS. April 6, 2020.

To the Honorable, the Mayor and Common Council:

We are, hereby, submitting a copy of the 2019 Annual Audited Financial Statements, including Independent Auditor's Report, on the Sheboygan Water Utility.

BOARD OF WATER COMMISSIONERS

Gerald R. Van De Kreeke, President

Mark J. Smith, Secretary

Thomas E. Howe, Member

Attachments