## **July 2023**

## OPERATIONS' DEPARTMENT MONTHLY REPORT

		LIFT	LOW		2023 VS 202
PUMPAGE	2022	2023	2022	2023	HL
Total in MG	419.312	418.208	425.837	428.557	-0.26%
Daily Average (MG)	13.526	13.506	13.737	13.824	
Max. Day (MG)	17.388	15.498	17.630	15.748	2023 VS 202
					HL
Gal/KwH	1,323	1,169	4,931	4,826	-1.12%
ELECTRICAL COSTS		-			
	2022			2023	
Pumping:	KwH	\$	KwH	\$	
High Lift	310,922	\$25,097.75	349,365	\$30,536.85	
Low Lift	85,914	\$6,935.01	86,921	\$7,597.51	
Wash Pump 1	2,800	\$226.02	1,680	\$146.84	
Georgia St. Bstr.	53,100	\$5,446.78	57,600	\$6,509.80	
Wilgus Ave. Bstr.	3,100	\$416.38	3,000	\$427.23	
EE Pit / Bstr.	5,009	\$645.00	4,632	\$634.15	
Erie Ave. Bstr.	16,400	\$2,446.02	14,000	\$2,511.33	\$/KwH
Sub Total	477,245	\$41,212.96	517,198	\$48,363.72	8.3%
oub Total	,2.0	¥ 1.1,2 12.00	0,.00	¥ 10,000.1.2	0.070
Treat./Fiscal/Misc.	KwH	\$	KwH	\$	
Office & Maint. Bldg.	8.900	\$1,119.09	9,891	\$1,335.13	
Iter Plant / Pump Station / 2nd Service	96,164	\$8,358.48	50,634	\$5,036.46	
. ,	1 22,131	, , , , , , , , , ,	,	,	\$/KwH
Sub Total	105,064	\$9,477.57	60,525	\$6,371.59	16.7%
		70,	***************************************	70,000	
. Distribution:	KwH	\$	KwH	\$	
Taylor Hill Tank	399	\$67.66	406	\$71.79	
Kohler Meter Pit	0	\$0.00	0	\$0.00	
EE Tower	1,058	\$151.82	1,024	\$155.66	
Washington (PRV) Pit	254	\$51.77	164	\$41.03	
3 ( )		• •		,	
Sub Total	1,711	\$271.25	1,594	\$268.48	\$/KwH
Total Electrical Costs	584,020	\$50,961.78	579,317	\$55,003.79	8.8%
Electrical Cost / MG		\$121.54		\$131.37	
	-	-			
	2022		2	2023	
ATURAL GAS COSTS	CCF Used	Cost	CCF Used	Cost	
Production Facility	195	\$198.90	1,272	\$660.75	
South Basin	54	\$185.50	1	\$163.25	
Georgia St. Bstr.	29	\$41.84			
Erie Ave. Bstr.	0	\$29.59			
Wilgus Ave. Bstr.	0	£47.22	0	\$15.65	
		\$17.33	0		
Office & Maint. Bldg.	307	\$220.39	337	\$196.44	\$/CCF
Office & Maint. Bldg. Total Natural Gas Costs		\$220.39 <b>\$693.55</b>		\$196.44 <b>\$1,036.09</b>	\$/CCF -45.7%
Office & Maint. Bldg.	307	\$220.39	337	\$196.44	
Office & Maint. Bldg. Total Natural Gas Costs	307 585	\$220.39 <b>\$693.55</b> \$1.65	337 1,610	\$196.44 <b>\$1,036.09</b> \$2.47	
Office & Maint. Bldg. <b>Total Natural Gas Costs</b> Natural Gas Cost / MG	307 585	\$220.39 <b>\$693.55</b> \$1.65	337 1,610	\$196.44 \$1,036.09 \$2.47	
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS	307 585 2022 Lbs. Used	\$220.39 <b>\$693.55</b> \$1.65 Cost	337 1,610 Lbs. Used	\$196.44 <b>\$1,036.09</b> \$2.47 2023 Cost	-45.7%
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum	307 585 2022 Lbs. Used 41,199	\$220.39 <b>\$693.55</b> \$1.65 Cost \$7,477.62	337 1,610 Lbs. Used 41,197	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20	-45.7% 11.0%
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon	307 585 2022 Lbs. Used 41,199 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00	337 1,610 Lbs. Used 41,197 0	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00	-45.7% 11.0% #DIV/0!
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum  Carbon  Chlorine	307 585 2022 Lbs. Used 41,199 0 8,014	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72	337 1,610 Lbs. Used 41,197 0 8,383	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49	-45.7% 11.0% #DIV/0! 37.2%
Office & Maint. Bldg. Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum  Carbon  Chlorine  Fluoride	307 585 2022 Lbs. Used 41,199 0 8,014 2,046	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94	337 1,610 Lbs. Used 41,197 0 8,383 1,876	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33	-45.7% 11.0% #DIV/0! 37.2% 45.4%
Office & Maint. Bldg. Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98	-45.7% 11.0% #DIV/0! 37.2% 45.4% #DIV/0!
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4 Cationic Polymer	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00 \$0.00	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282 0	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98 \$0.00	-45.7% 11.0% #DIV/0! 37.2% 45.4% #DIV/0! #DIV/0!
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4 Cationic Polymer Liquid Phosphate	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00 \$0.00 \$8,103.03	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98 \$0.00 \$15,619.25	-45.7% 11.0% #DIV/0! 37.2% 45.4% #DIV/0! #DIV/0! 93.9%
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4 Cationic Polymer Liquid Phosphate  Total Chemical Costs	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00 \$0.00 \$8,103.03 \$30,285.31	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282 0	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98 \$0.00 \$15,619.25 \$45,761.25	-45.7% 11.0% #DIV/0! 37.2% 45.4% #DIV/0! #DIV/0!
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4 Cationic Polymer Liquid Phosphate	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00 \$0.00 \$8,103.03	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282 0	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98 \$0.00 \$15,619.25	-45.7% 11.0% #DIV/0! 37.2% 45.4% #DIV/0! #DIV/0! 93.9%
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4 Cationic Polymer Liquid Phosphate  Total Chemical Costs	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0 0 5,135	\$220.39 \$693.55 \$1.65 \$1.65 \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00 \$0.00 \$8,103.03 \$30,285.31 \$72.23	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282 0	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98 \$0.00 \$15,619.25 \$45,761.25 \$109.30	11.0% #DIV/0! 37.2% 45.4% #DIV/0! #DIV/0! 93.9% 51.1%
Office & Maint. Bldg.  Total Natural Gas Costs  Natural Gas Cost / MG  CHEMICAL COSTS  Alum Carbon Chlorine Fluoride KMnO4 Cationic Polymer Liquid Phosphate  Total Chemical Costs	307 585 2022 Lbs. Used 41,199 0 8,014 2,046 0 0	\$220.39 \$693.55 \$1.65 Cost \$7,477.62 \$0.00 \$11,860.72 \$2,843.94 \$0.00 \$0.00 \$8,103.03 \$30,285.31	337 1,610 Lbs. Used 41,197 0 8,383 1,876 282 0	\$196.44 \$1,036.09 \$2.47 2023 Cost \$8,301.20 \$0.00 \$17,017.49 \$3,792.33 \$1,030.98 \$0.00 \$15,619.25 \$45,761.25	-45.7% 11.0% #DIV/0! 37.2% 45.4% #DIV/0! #DIV/0! 93.9%

	111070			
YTD HL 2023 vs 2021	-0.37%	YTD HL LOW DAY PUMPAGE	9.294	January 1, 2023

N	OTE:	
2	2023 Electrical costs include an Alliant Energy 8.3% rate increase	арр

	5.1	oundary 1, 2020	
			YTD HL Ave Day
		2023	12.199
oproved by PSC	<b>.</b>	2022	12.235
		2021	12.252

## COMPARATIVE SUMMARY OF PLANT OPERATIONS July 2022 vs July 2023 Pumping Record **High Lift Low Lift** 2022 2023 Diff. 2022 2023 Diff. Tot. Water in MG 419.312 Tot. Water in MG 0.64% 418.208 -0.26% 425.837 428.557 Daily Average 13.526 13.506 -0.15% Daily Average 0.63% 13.737 13.824 -10.6<mark>7</mark>% Maximum Day 17.388 15.498 -10.87% Maximum Day 17.630 15.748 Minimum Day 10.032 10.936 Minimum Day 10.294 11.422 10.96% 9.01% By Natural Gas 7.813 10.353 32.51% By Natural Gas 2.173 9.048 316.38% Power in KWH 310,922 349,365 12.36% Power in KWH 85,914 86,921 1.17% Gals. per KWH 1,323 1,169 -11.66% Gals. per KWH 4,931 4,826 -2.12% Power \$ / KWH Power \$ / KWH \$0.08072 \$0.08741 8.28% --------\$16.29 \$17.73 \$1.44 Power \$ / MG \$59.85 \$72.93 \$13.08 Power \$ / MG Tot. Power \$/MG \$121.86 \$131.71 \$9.85 Tot. Power \$/MG Lbs. Used Treatment Chem. Cost Total Lbs. 2022 2023 Diff. Total Cost 2022 2023 Diff. Alum 41,199 41,197 0.00% Alum \$7,477.62 \$8,301.20 \$823.58 Carbon #DIV/0! Carbon \$0.00 \$0.00 \$0.00 Chlorine 8,014 8,383 4.60% Chlorine \$11,860.72 \$17,017.49 \$5,156.77 KMnO4 282 #DIV/0! KMnO4 \$0.00 \$1,030.98 \$1,030.98 Polymer #DIV/0! Polymer \$0.00 \$0.00 \$0.00 Liquid Phosphate 5,135 5,106 -0.56% Liquid Phosphate \$8,103.03 \$15,619.25 \$7,516.22 Cost / MG: Lb/ MG: 96.1 -0.64% \$17.56 96.7 \$19.37 \$1.81 Alum Alum 0.0 0.0 #DIV/0! #DIV/0! Carbon #DIV/0! #DIV/0! Carbon 18.8 19.6 3.94% Chlorine \$27.85 \$39.71 \$11.86 Chlorine KMnO4 0.0 0.7 #DIV/0! KMnO4 #DIV/0! \$2.41 #DIV/0! \$36.45 Liquid Phosphate 11.9 -1.20% Liquid Phosphate \$19.03 \$17.42 12.1 Fluoride: 2022 2023 Fluoride: 2022 2023 Total Lbs. 2.046 1.876 -8.31% Cost \$2.843.94 \$3.792.33 \$948.39 mg/l applied as F 0.72 0.70 Cost/MG \$6.79 \$9.07 \$2.28 Av. Res. Plt. Tap 0.70 0.75 ΤΔΡ

Water Quality:	Ra	w
	2022	2023
Turbidity	1.00	1.30
рН	8.35	8.32
Alkalinity	108.6	108.3
MF (E-Coli)	0.3	14.0
Temperature	50.1	53.7
Wash-H20 % /LL	2.02	2.09
Av. Flt. Run/hrs	112.7	91.0
Av. ROF / MG	1.40	1.48

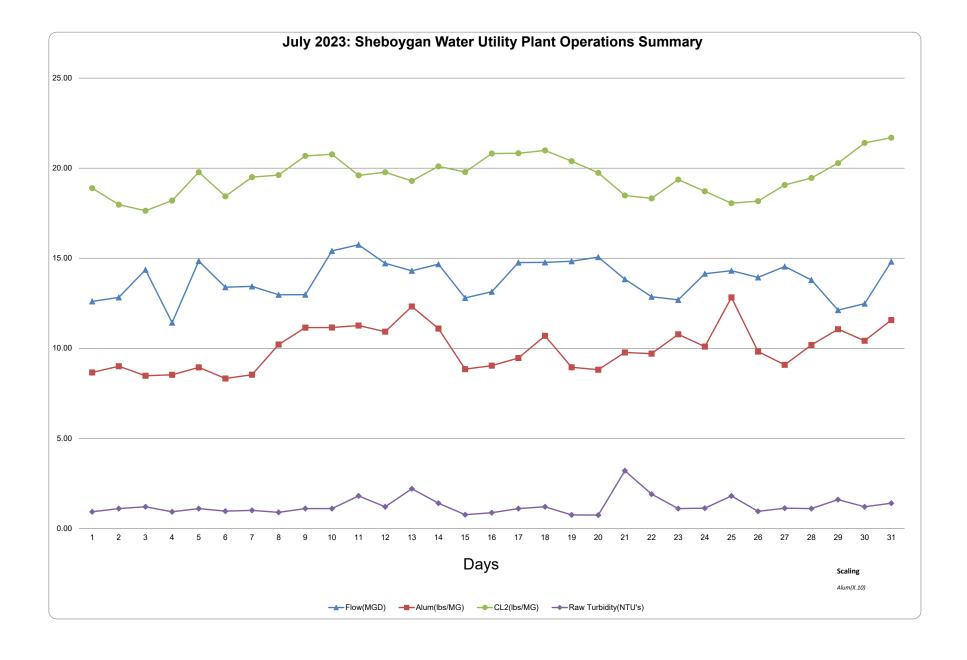
	IAF	•
	2022	2023
Turbidity	0.066	0.049
рН	7.74	7.71
Alkalinity	102.7	102.2
Plate Count	0.00	0.00
Colilert	0	0
Temp.	52.8	57.2
Cl Res.	0.89	0.93

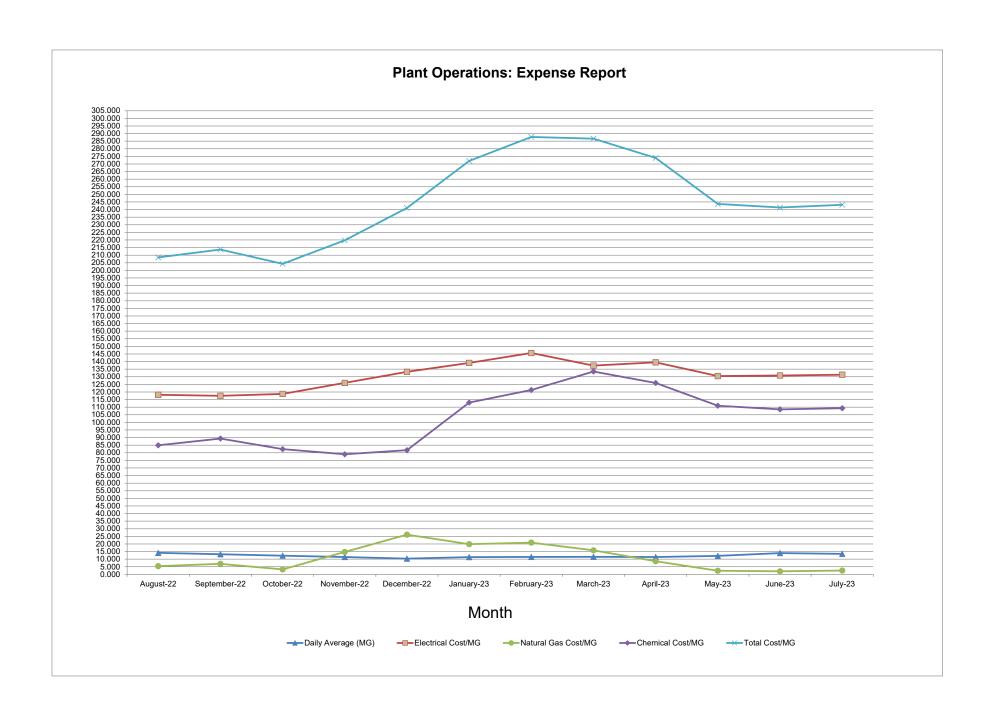
Natural Gas:						
	2022	2023		2022	2023	Diff.
Nat. Gas Heating	0	-342	Plant & South Basin	\$959.01	(\$14.92)	(\$973.93)
Nat. Gas Pumping	785	1,615		\$463.44	\$838.92	\$375.48

	CCF	Cost	Natural Gas Cost	Natural Gas CCF
#3 Gas Pump	124.0	\$64.41	\$824.00	1,273
#4 Gas Pump	760.5	\$395.05		
#7 Gas Pump	422.5	\$219.47		
Electric Generator	308.0	\$159.99		
Pumping totals	1615.0	\$838.92		

July 202<u>3</u>

	<u> </u>	8/1/2023	7/1/2023				8/1/2023	7/1/2023	
% Run	Elapsed Time:		-		_				
85.1%	No. 6 Pump	73,631.6	72,998.6	633.0	SLUDGE	No. I Hour Meter	0.0	0.0	0
3.48%	Wash Pump Meter	5,798.84	5,772.96	25.88	SYSTEM	No. 2 Mag Meter	9,267,230	9,040,340	226,890
2.3%	No. 7 Pump	828.8	811.9	16.9		Recycle Meter (Rese	et to zero each mor	ith)	226,890
0.0%	No. 8 Pump	59,540.3	59,540.3	0.0	1				<u> </u>
98.0%	No. 9 Pump	29,807.0	29,078.0	729.0	1				
1.3%	Wash Pump 2	139	129	10	Power Cost	\$0.0874067	Bill >>>>	\$40,172.13	
	No. 1 Prime Pump	1,052.8	1,051.9	0.9	- L	0.52334	KWH >>>	459,600	
	No. 2 Prime Pump	1,132.5	1,131.1	1.4	Init. Chg.	\$42,794.33		Low L. KWH	86,921
		.,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		]	\$	KWH	L.L. Cost \$	\$7,597.51
Kw/Hr run	Watthour Meters:	į	ı		Kohler Pit	· · · · · · · · · · · · · · · · · · ·		High L. KWH	349,365
64.9	Wash Pump 1	1310.1	1307.7	1.680	Horizon	\$139.52	853	H.L. Cost \$	\$30,536.85
56.2	No. 9 Pump	6122.11	6081.11	41,001	Taylor	\$71.79	406		****,******
#DIV/0!	No. 8 Pump	6837.1	6837.1	0	ALT. 72 Park	\$523.34	1,000	Total Cost	\$38,134.36
72.5	No. 6 Pump	2196.2	2032.2	45,920	Geo. Ave.	\$6,509.80	57,600	Total Goot	φου, το τ.σσ
128.0	Wash Pump 2	14.559	13.492	1,280	Wilgus Ave.	\$427.23	3,000		
539.4	No. 1 Pump	9776.959	9644.404	132,555	EE Pit	\$634.15	4,632		
239.0	No. 2 Pump	4932.928	4931.494	1,434	EE Tower	\$155.66	1,024	Plant Costs	\$5,036.46
293.0	No. 3 Pump	853.451	821.609	31,842	Washington	\$41.03	164	i idili Oosis	ψο,σσσ.+σ
#DIV/0!	No. 4 Pump	000.401	021.009	0	Office	\$1,335.13	9,891		
479.9	No. 5 Pump	12,171.350	11,987.816	183,534	Erie Ave.	\$2,511.33	14,000		
470.0	No. or unip	12,17 1.000	11,507.010	100,004	Total	\$55,143.31	582,170		
	Garage (MWatt/Hrs.)	1,102.91	1,101.22	1,690		ψου, 140.01	502,170		
	Power Co. (Step #3)	41,523	41,115	489,600	٦				
	Left Meter - OUTSIDE	41,020	41,110	409,000					
	Volume Used:								
	Nat. Gas (Correct)	45,999,606	45,898,797	126,717	SUMMARY				
	` /_			· · · · · · · · · · · · · · · · · · ·	<b>-</b>	HIGH	LIFT	LOW LI	FT
					Ī	2022	2023	2022	2023
	Elapsed Time:				Tot. Pump	419.312	418.686	425.837	428.557
	Emer. Generator	1,107.5	1,092.1	15.4	Daily Ave.	13.526	13.506	13.737	13.824
					Max. Day	17.388	15.498	17.630	15.748
% Run	Elapsed Time:				Min. Day	10.032	10.936	10.294	11.422
33.0%	No. 1 Pump	18,130.1	17,884.3	245.8	By Nat. Gas	7.813	10.353	2.173	9.048
0.8%	No. 2 Pump	21,043.22	21,037.22	6.00	Power KWH	310,922	349,365	85,914	86,921
14.6%	No. 3 Elec. Pump	2,914.1	2,805.4	108.7	Gals/KWH	1323	1169	4931	4826
0.5%	No. 3 Nat. Gas Pump	586.5	582.5	4.0	Cost/KWH	\$0.08072	\$0.08741	*****	*****
0.0%	No. 4 Elec. Pump	0.00	0.00	0.0	Cost/MG	\$59.85	\$72.93	\$16.29	\$17.73
2.3%	No. 4 Nat. Gas Pump	97.6	80.7	16.9	Tot. Cost/MG	\$121.86	\$131.71	*****	*****
51.4%	No. 5. Pump	25,445.450	25,063.000	382.450					
0.1%	UV Building Generator	150.2	149.2	1					





## Filter Plant Maintenance Completed For July 2023

Subject	StartDate	EndDate	Description	Yellow indicates days operating or running labs
Dan 2nd shift for Glen	1-Jul-23	5-Jul-23	Dan covering 2nd shift for Glen	
Josh 3rd shift for Jeff	3-Jul-23	6-Jul-23	Josh Covering 3rd shift for Jeff	
July 4th Holiday	4-Jul-23		July 4th Holiday	
Observed utility Holiday	4-Jul-23		Observed utility holiday	
Dan off for coverage	5-Jul-23	6-Jul-23	Dan off for coverage	
Joshua off for Coverage	6-Jul-23	7-Jul-23	Joshua off for 3rd shift coverage.	
Dan 1st shift for Glen	7-Jul-23	10-Jul-23	Dan covering 1st shift for Glen	
Dan off for coverage	10-Jul-23	10-Jul-23	Dan off for coverage	
Gas Engine 3	10-Jul-23		Check and fill pump bearing; 1 qua	rt low.
Clevis Bracket	10-Jul-23		Install new clevis storage bracket.	
Secondary Clearwell Controller	10-Jul-23		Move East flow meter and mount r	new clear well control head.
Ortho Floor	10-Jul-23		Scraped, vacuumed, degreased, a	and rinse floor.
South Side Emergency Response	10-Jul-23		Respond to large system loss caus	sed by 161 hydrant lateral damaged by contractor.
Taylor Hill	10-Jul-23		Install new battery backup, replace	PLC heater, check reagents, and walk grounds.
Monday Meeting	10-Jul-23		Topics include coverage, raw water	r improvement project, bulk ortho storage upgrade, Taylor hill battery backup, website upgrades, CDM filter concrete analyses, etc.
Erie Ave.	11-Jul-23		Clean NTU meter, flush lines, walk	
Tap NTU Feed Line	11-Jul-23		Begin installing new ½ I PVC hard	line for NTU meter feed.
East Basin	11-Jul-23		Replace door handle, repair striker	
Menards	11-Jul-23		Purchase door handle, trim, and 3/	
Sample Sinks	12-Jul-23		Heavy scrub and flush.	
Laboratory Tap Sample Line	12-Jul-23		Trace lines, apply regulated vibrati	on, and flush
Laboratory Sample Closet	12-Jul-23		Continue upgrading sample lines.	
Lab NTU Meter	12-Jul-23		Heavy clean and flush.	
Ortho Room	12-Jul-23		1st coat of paint on floor.	
Ortho Room	12-Jul-23		Apply second coat of gray paint.	
Menards	13-Jul-23		Purchase paint supplies and new s	enrinkler head
Erie Ave. NTU	13-Jul-23		Install a known good/used head an	
West Sample Pump	13-Jul-23		Repair West pump leak; upper fittir	
Georgia Ave. x 3	13-Jul-23		Multiple trips for pump 3 base repa	
Georgia Ave. X 3	14-Jul-23		Finish rust scaling, degrease moto	
Post Hypo Feed	14-Jul-23		Diagnose poor residual and replac	
South Basin Bathroom	14-Jul-23		Clean stool and sink.	e post riypo reed riose.
Garbage	14-Jul-23		Throw away garbage and recycling	
Truck 6	14-Jul-23		Vacuum, wash outside, and clean	
Josh 3rd shift for Wayne	17-Jul-23	24-Jul-23	Josh covering 3rd shift for Wayne	interior.
Dan 2nd shift for Jeff	18-Jul-23	19-Jul-23	Dan covering 2nd shift Jeff	
Dan on vacation	19-Jul-23	30-Jul-23	Dan on vacation	
Joshua off for Coverage	24-Jul-23	25-Jul-23	Joshua off for 3rd shift coverage.	
H.L. Bolt Bin	24-Jul-23 26-Jul-23	25-Jul-23	Begin organizing/sorting H.L. bolt in	ni controli.
H.L. 3	26-Jul-23		Begin diagnosing bearing oil leak.	iveriory.
Plant Vacuum	26-Jul-23		Disassemble and clean vacuum.	
2nd Floor Furnace	26-Jul-23			
			Check operation and replace air fil	er.
Front Hall, Laboratory, Lunch room, and			Vacuum floor and cobwebs.	
Garbage	26-Jul-23	1 4 22	Discard plant garbage and recyclin	
Josh 1st shift for Tyler	27-Jul-23	1-Aug-23	Josh covering 1st shift for Tyler	
Menards	31-Jul-23		Menards for filter plant maintenance	
Lead Copper door tags bottles	31-Jul-23		Dropped off lead and copper door	
Taylor Hill	31-Jul-23			al, empty dehumidifier, and check reagents.
Sheboygan Servo.	31-Jul-23		Pickup 3 motors and acquire tax i.c	
South basin exhaust motor	31-Jul-23		Started putting together south basi	
UV Reference Check	31-Jul-23		Perform UV reference check on Ea	
UV Generator	31-Jul-23			arts, and order replacement unit from Amazon.
Laboratory Furnace	31-Jul-23		Check over and install new filter.	