



Month: February

Water Treatment Plant

Year: 2025

Date	Time	Filter (circle #)	Filter Total X1000 Gal	Total Usage X1000 GAL	Grnd Stor X1000 GAL	Grnd Stor Usage	Raw Iron	Finished Water Quality (mg/L)							Ground Storage		Dist CL2	Notes (backwash filter #, filter res. Cl, pressures, etc)	
								Iron	Free Cl2	Total Cl2	Hardness	Flouride	Ortho	Temp (F)	pH	Free Cl2	Total Cl2		Total
31					37707														
1	12:30	1/2/3		480	38,110	403									0.79	0.81			
2	19:15	1/2/3		1,571	39,292	1,182									0.73	0.77			
3	8:32	1/2/3		1,067	39,728	436	0.08	0.04	1.97	1.95	295.00	2.71		58.60	7.50	0.79	0.80		Backwash#1, Cells A,B,C,D stuck, Valve C stuck in manual, pH Cal
4	8:30	1/2/3		836	40,795	1,067		0.02	0.90	1.00	295.00	0.17		58.20	7.80	0.90	0.93		6lbs of phosphate used by HMG rep for testing
5	7:53	1/2/3		1,051	41,461	666		0.02	1.27	1.51	315.00	0.96		57.90	7.70	0.79	0.79		Backwash #3, Cell A valve stuck
6	9:15	1/2/3		773	42,383	922		0.00	1.78	1.89	295.00	2.65		58.10	7.60	0.88	0.84		Well2 pH 7.4 temp 58.5, Well3 pH 7.3 temp 58.1
7	10:18	1/2/3		1,098	43,249	866	0.38	0.02	0.90	0.91	246.00	0.29		56.50	7.80	0.81	0.78		Filter 2 Final Valve stuck. Raw at DT Influent Drain
8		1/2/3		1,248															
9		1/2/3		944															
10	9:10	1/2/3		735	45,837	2,588		0.01	1.84	1.92	285.00	2.56		57.70	7.50	0.81	1.50		Backwash#1, Cells A,C,D valve stuck, pH Cal
11	8:38	1/2/3	235	1,020	46,674	837	0.18	0.02	1.20	1.29	315.00	0.99		57.70	7.80	0.87	0.94		Flange on Filter#2 cracked, plant inoperable
12	12:11	1/2/3	329	94	47,564	890	0.21	0.04	0.92	2.70	259.00	2.14		57.70	7.40	0.87	0.94		
13	9:05	1/2/3	1952	1,623	48,356	792	0.19	0.01	0.59	0.95	330.00	0.14		57.00	7.90	0.87	0.94		Backwash#3
14	8:11	1/2/3	2630	678	49,078	722	frozen	0.01	0.94	0.95	325.00	0.22		56.30	7.80	0.87	0.94		Backwash#2
15		1/2/3		-2,630		-49,078													
16		1/2/3		0		0													
17		1/2/3		0		0													
18		1/2/3		0		0													
19		1/2/3		0		0													
20		1/2/3		0		0													
21		1/2/3		0		0													
22		1/2/3		0		0													
23		1/2/3		0		0													
24		1/2/3		0		0													
25		1/2/3		0		0													
26		1/2/3		0		0													
27		1/2/3		0		0													
28		1/2/3		0		0													
29		1/2/3		0		0													
30		1/2/3		0		0													
31		1/2/3		0		0													
				10,588															

METER LOCATION: Waterloo Plant

I certify that the information in this report is complete and accurate to the best of my knowledge:

REPORTED BY (SIGNATURE):

054-87-2943

Cert. Or Reg. No.

Phone: 618-973-0633

12.5% Chlorine Solution Fed
 50% Sodium Hydroxide
 94% Sulfuric Acid
 24% Fluoride Solution Fed
 % Orthophosphate

This Agency is authorized to require this information under Ill. Rev. Stat. 1979, Chapter 111 1/2, Section 1019. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$10,000.00 and an additional civil penalty up to \$1,000.00 for each day the failure continued, a fine up to \$1,000.00 and imprisonment up to one year. This form has been approved by the forms Management Center.

Test Kit used: Hach DR 3900



Month: February

Water Treatment Plant

Year: 2025

Chemical Usage Log

Date	Time	Softened X1000 Gal	Filter X1000 GAL	Grnd Stor Usage	Sodium Hypochlorite (Chlorine) Usage			Sodium Hydroxide (Caustic) Usage			Sulfuric Acid Usage		Sodium Fluoride Usage		Ortho Phosphate Usage		Ground Storage CL2		Calculated Dosing of Solution (mg/L)				GS CL2	
					Bulk Tank (in)	Day Tank (in)	Usage (gal)	Bulk Tank (in)	Day Tank (in)	Usage (gal)	Day Tank (lbs)	Usage (lbs)	(lbs)	Usage (lbs)	(lbs)	Usage (lbs)	(lbs)	Usage (lbs)	CL2	Caustic	Sulfuric	Fluoride		Ortho
31					43.3	35.6		76.1	21.1		822		344		768		432.1							
1	12:30	0	480	403	43.3	31.2	11.7	76.1	21.1	0.0	822.0	0.0	339.0	5.0	768.0	0.0	432.1	0.0	3.05			0.30	0.00	
2	19:15	0	1,571	1,182	43.3	23.9	19.4	76.1	21.1	0.0	822.0	0.0	330.0	9.0	768.0	0.0	431.0	1.1	1.55			0.16	0.01	
3	8:32	0	1,067	436	43.3/42.3	22.3/33.3	4.3	76.1	21.1	0.0	822.0	0.0	329.0	1.0	768.0	0.0	431.0	0.0	0.50			0.03	0.00	
4	8:20	0	836	1,067	42.3	29.1	4.2	76.1	21.1	0.0	822.0	0.0	324.0	5.0	762.0	6.0	422.0	9.0	0.63			0.17	0.13	
5	7:53	0	1,051	666	42.4	24.4	12.5	76.1/75.6	21.1/24.4	0.0	822.0	0.0	319.0	5.0	762.0	0.0	418.0	4.0	1.49			0.14	0.09	
6	9:15	0	773	922	42.4	20.3	10.9	75.6	24.4	0.0	822.0	0.0	314.0	5.0	762.0	0.0	436.0	-18.0	1.77			0.19	-0.29	
7	9:27	0	1,098	866	42.4/40.6	16.0/35.9	11.5	75.6	24.4	0.0	822.0	0.0	309.0	5.0	763.0	-1.0	433.0	3.0	1.31			0.13	0.05	
8		0	1,248																					
9		0	944																					
10	9:08	0	735	2,588	40.6/39.6	22.6/33.9	35.4	75.6	24.4	0.0	822.0	0.0	295.0	14.0	763.0	0.0	433.0	0.0	1.51			0.55	0.00	
11	8:38	0	1,020	837	39.6	29.4	12.0	75.6	24.4	0.0	821.0	1.0	290.0	5.0	762.0	1.0	433.0	0.0	1.47			0.14	0.00	
12	11:56	392	329	890	39.6	25.4	10.7	75.6	24.4	0.0	821.0	0.0	286.0	4.0	762.0	0.0	444.0	-11.0	4.05	0.00	0.00	0.35	0.00	
13	9:08	-392	1,623	792	39.7	20.7	12.5	75.7	24.4	0.0	821.0	0.0	281.0	5.0	763.0	-1.0	442.0	2.0	0.96	0.00	0.00	0.09	3.52	
14	8:11	0	678	722	39.7/38	17.4/35.9	8.8	75.6	24.4	0.0	821.0	0.0	277.0	4.0	762.0	1.0	385.1	56.9	1.62	#DIV/0!	#DIV/0!	0.17	#DIV/0!	1.18
15		0	-2,630	-49,078			#VALUE!			130.7	821.0	277.0	277.0	4.0	762.0	1.0	385.1	56.9	1.62	#VALUE!	#DIV/0!	#DIV/0!	-3.03	#DIV/0!
16		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
17		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
18		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
19		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
20		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
21		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
22		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
23		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
24		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
25		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
26		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
27		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
28		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
29		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
30		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
31		0	0	0			0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	

METER LOCATION: Waterloo Plant

I certify that the information in this report is complete and accurate to the best of my knowledge:

REPORTED BY (SIGNATURE):

Phone: 618-973-0633

054-87-2943
Cert. Or Reg. No.

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Test Kit used: Hach DR3900



Month: Feburary

Year: 2025

Date	Time	Well #1		Well #2		Well #3		Total Usage
		Reading	Usage	Reading	Usage	Reading	Usage	
1			0					0
2			0					0
3			0					0
4			0					0
5	12:51	0	0	20867		22074		0
6	9:31	0	0	20873	6	22818	744	750
7	10:22	0	0	20951	78	23638	820	898
8								
9								
10	9:08	0	0	22238	1287	24892	1254	2541
11	8:38	0	0	22819	581	25394	502	1083
12	11:54	0	0	23578.7	759.7	25398.2	4.2	763.9
13	9:08	0	0	24302.9	724.2	25438.1	39.9	764.1
14	8:11	0	0	25134.8	831.9	25493.4	55.3	887.2
15			0		-25134.8		-25493.4	-50628.2
16			0		0		0	0
17			0		0		0	0
18			0		0		0	0
19			0		0		0	0
20			0		0		0	0
21			0		0		0	0
22			0		0		0	0
23			0		0		0	0
24			0		0		0	0
25			0		0		0	0
26			0		0		0	0
27			0		0		0	0
28			0		0		0	0
29			0		0		0	0
30			0		0		0	0
31			0		0		0	0
			0		-20867		-22074	-42941