



Month: October

Water Treatment Plant

Year: 2025

Date	Time	Filter (circle #)	Total Flow X1000 Gal	Total Usage X1000 GAL	Grnd Stor X1000 GAL	Grnd Stor Usage	Raw Iron	Finished Water Quality (mg/L)							Ground Storage		Dist CL2 Total	Notes (backwash filter #, filter res. Cl, pressures, etc)		
								Iron	Free Cl2	Total Cl2	Hardness	Fluoride	Temp (F)	pH	Free Cl2	Total Cl2				
30			205138		256150															
1	11:03	1 / 2 / 3	206,326	1,188	257,358	1,208	0.70	0.02	0.79	0.82	183.00	0.32	62.40	7.97	2.16	1.40	2.10		Backwash #3	
2	12:06	1 / 2 / 3	207,177	851	258,339	981	0.60	0.00	0.29	0.39	185.00	0.60	63.50	8.04	2.12	1.35	2.30			
3	12:43	1 / 2 / 3	208,098	921	259,327	988	0.73	0.01	0.50	0.50	226.00	0.26	64.00	7.95	1.92	1.28	1.00			
4	9:32	1 / 2 / 3	208,874	776	260,132	805			1.50						2.11	1.43				
5	15:20	1 / 2 / 3	210,069	1,195	261,461	1,329									2.29	1.48				
6	10:47	1 / 2 / 3	210,997	928	262,294	833	0.36	0.02	1.37	1.41	160.00	0.15	63.50	8.38	0.87	0.94	1.90		Backwash#1, Calibrate pH probe, Cl2 @ GS Leaking	
7	10:42	1 / 2 / 3	211,810	813	263,204	910	0.63	0.01	0.23	0.82	193.00	0.57	63.10	7.77	0.87	0.94	1.50		Backwash #2	
8	11:49	1 / 2 / 3	212,775	965	264,233	1,029	0.37	0.02	1.08	1.09	173.00	0.20	61.40	8.04	0.87	0.94	2.00		Backwash #3	
9	13:06	1 / 2 / 3	213,807	1,032	265,230	997	0.75	0.02	0.61	0.89	222.00	0.36	62.14	8.09	2.10	1.20	1.90			
10	9:52	1 / 2 / 3	214,617	810	266,157	927	0.10	0.01	0.99	1.01	156.00	0.07	61.60	8.08	1.83	1.17	1.90		Cleaned & calibrated chlorine analyzer	
11		1 / 2 / 3																		
12	15:44	1 / 2 / 3	216,667	2,050	268,254	2,097			0.60						2.08	1.08				
13	12:36	1 / 2 / 3	217,519	852	269,119	865			0.50						2.25	1.10	1.80			
14	7:46	1 / 2 / 3	218,462	943	269,884	765	0.14	0.06	1.35	1.39	160.00	0.44	63.70	7.87	2.12	1.10	1.60		Backwash#1, Calibrate pH probe	
15	12:34	1 / 2 / 3	219,486	1,024	271,114	1,230	0.13	0.01	0.20	1.14	165.00	0.30	62.10	8.04	1.99	0.99	2.10		Backwash #2	
16	7:47	1 / 2 / 3	220,339	853	271,908	794	0.73	0.02	0.84	1.27	213.00	0.21	62.10	7.81	2.12	1.06	1.80		Backwash#3	
17	9:45	1 / 2 / 3	221,268	929	273,041	1,133	0.15	0.03	0.45	0.76	157.00	0.02	62.30	8.03	1.71	0.95	1.63			
18	18:45	1 / 2 / 3	222,523	1,255	274,265	1,224									2.00	0.99				
19	18:24	1 / 2 / 3	223,306	783	275,068	803									1.85	0.94	1.41			
20	7:37	1 / 2 / 3	223,835	529	275,459	391	0.70	0.00	0.43	0.70	208.00	0.10	61.70	7.48	1.96	0.93	1.34		Backwash#1, finished cl2 feed line leaking	
21	10:07	1 / 2 / 3	224,607	772	276,398	939	0.09	0.02	0.27	1.01	172.00	0.49	60.70	8.06	0.87	0.94	1.54		Backwash #2	
22	10:57	1 / 2 / 3	225,511	904	277,366	968	0.67	0.00	0.60	0.74	186.00	0.32	60.90	7.57	0.87	0.94	1.56		Backwash #3	
23	9:20	1 / 2 / 3	226,307	796	278,125	759	0.06	0.01	1.49	1.61	160.00	0.22	61.69	7.68	1.70	0.86	1.56			
24	12:34	1 / 2 / 3	227,235	928	279,144	1,019	0.78	0.01	1.20	1.34	206.00	0.20	61.70	7.88	2.19	0.86	1.51			
25	10:32	1 / 2 / 3	228,001	766	279,828	684			1.60						2.21	0.88	1.49			
26	19:15	1 / 2 / 3	229,112	1,111	280,949	1,121			0.60						2.11	0.88	1.41			
27	9:53	1 / 2 / 3	229,576	464	281,467	518	0.10	0.00	1.50	1.54	160.00	0.27	60.90	7.56	1.98	0.86	1.35		Backwash#1, pH probe calibrated	
28	8:26	1 / 2 / 3	230,596	1,020	282,199	732	0.40	0.03	0.42	0.75	215.00	0.34	60.50	7.92	2.09	0.87	1.69			
29	11:14	1 / 2 / 3	231,163	567	283,089	890	0.62	0.01	0.61	1.10	192.00	0.02	60.40	7.66	1.93	0.84	1.58		backwash #2	
30	12:05	1 / 2 / 3	231,888	725	283,858	769	0.10	0.00	1.67	1.56	158.00	0.30	60.70	8.03	1.79	0.82			Backwash#3	
31	11:25	1 / 2 / 3	232,580	692	284,643	785	0.61	0.02	0.03	1.82	185.00	0.30	60.10	7.74	1.80	0.85				
				27,442																

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.

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: October

Water Treatment Plant

Year: 2025

Softening Operating Log

Date	Time	Reactor (circle #)	Total Usage X1000 GAL	INWC PSI Differential	Transfer (lbs)	Pellet Size (inches)	Hopper Depth (ft)	Reactor Pressure	NaOH Pressure	pH		Reactor Ca Hardness	Effluent Ca Hardness	Notes (calibration performed, pellets discharged, seed added, etc)
										Reactor	Effluent			
30				44.9			12.2							
1	11:06	1	1,230	51				29.5	36.0	7.2	7.3			
2	12:08	1	920	56				29.4	36.0	7.1	7.2			
3	1:45	1	950	60.85\44.22	500	3\32	12.5	29.3	35.0	7.2	7.3			wasted 7 min
4	9:35	1	880	8				19.2		6.9	6.8			
5	15:22	1	1,180	55				29.8		7.1	7.3			
6	12:18	1	1,040	60	500	1\16	12.7	29.6	35.0	7.2	7.4			wasted 6 min
7	10:45	1	900	8				19.2	34.0	6.8	6.7			
8	11:55	1	990	8				19.3		6.8	6.7			
9	13:09	1	1,100	62				30.0	36.0	7.1	7.3	228.0	229.0	calibrated pH probes
10	11:25	1	910	66.88\47.32	500	1\16	12.4	29.3	35.0	7.5	7.3			wasted 8 min
11														
12	15:49	1	2,080	58				29.7		7.4	7.2			
13	12:38	1	950	8				19.2		6.9	6.5			
14	12:02	1	990	67.9\48.7	500	1\16	12.6	29.4	36.0	7.5	7.3			wasted 10 min
15	12:42	1	1,070	54				29.5	36.0	7.4	7.2			
16	7:49	1	990	8				19.3	35.0	6.9	6.5			
17	10:40	1	1,000	64\49	500	3\32	12.5	29.6	35.0	7.2	7.1			wasted 7 min
18	18:47	1	1,290	56				29.7		7.4	7.2			
19	18:27	1	800	60				29.7		7.4	7.2			
20	7:39	1	610	63				19.3	35.0	7.0	6.5			
21	10:11	1	840	8	500	3\32	12.3	19.3	36.0	6.9	6.6			Wasted 8 min
22	11:04	1	970	8				19.2	36.0	6.9	6.6			
23	9:26	1	860	8				19.3		7.0	6.7			
24	1:30	1	960	62.7\51.3	500	3\32	12.2	29.5	36.0	6.9	6.8			Wasted 5min
25	10:34	1	830	8				19.2		7.0	6.6			
26	19:17	1	1,080	61				30.2		7.4	7.2			
27	11:22	1	540	64.1\51.1	500	1\8	12.2	29.3	35.0	7.2	7.1			Wasted 6 min
28	8:28	1	1,070	56				29.7		7.2	7.1			
29	11:18	1	640	8				19.3	36.0	6.8	6.4			
30	1:39	1	790	63.09\52.2	500	1\16	12.2	29.7	36.0	7.4	7.2			Wasted 5 min
31	11:26	1	780	8				19.3		6.8	6.5			
			29,240											

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
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Test Kit used: Hach DR 3900



Month: October
Year: 2025

Date	Time	Well #1		Well #2		Well #3		Total Usage
		Reading	Usage	Reading	Usage	Reading	Usage	
30		70.5		309477.6		362657.8		
1	11:02	70.5	0.0	309483.7	6.1	362664.0	6.2	12.3
2	12:05	70.5	0.0	309487.8	4.1	362669.1	5.1	9.2
3	12:42	70.5	0.0	309496.4	8.6	362670.0	0.9	9.5
4	9:31	70.5	0.0	309496.4	0.0	362678.8	8.8	8.8
5	15:19	70.5	0.0	309507.6	11.2	362679.4	0.6	11.8
6	10:46	70.5	0.0	309507.6	0.0	362689.8	10.4	10.4
7	10:40	70.5	0.0	309516.6	9.0	362689.8	0.0	9.0
8	11:48	70.5	0.0	309516.6	0.0	362699.7	9.9	9.9
9	13:06	70.5	0.0	309527.0	10.4	362700.3	0.6	11.0
10	9:51	70.5	0.0	309527.0	0.0	362709.4	9.1	9.1
11								
12	15:44	70.5	0.0	309537.5	10.5	362719.7	10.3	20.8
13	12:35	70.5	0.0	309547.0	9.5	362719.7	0.0	9.5
14	7:46	70.5	0.0	309547.0	0.0	362729.6	9.9	9.9
15	12:32	70.5	0.0	309547.8	0.8	362739.5	9.9	10.7
16	7:46	70.5	0.0	309557.7	9.9	362739.5	0.0	9.9
17	9:44	70.5	0.0	309557.7	0.0	362749.5	10.0	10.0
18	18:45	70.5	0.0	309566.8	9.1	362753.3	3.8	12.9
19	18:24	70.5	0.0	309569.3	2.5	362758.8	5.5	8.0
20	7:37	70.5	0.0	309575.4	6.1	362758.8	0.0	6.1
21	10:08	70.5	0.0	309575.4	0.0	362767.2	8.4	8.4
22	10:56	70.5	0.0	309585.1	9.7	362767.2	0.0	9.7
23	9:19	70.5	0.0	309585.1	0.0	362775.8	8.6	8.6
24	12:34	70.5	0.0	309594.7	9.6	362775.8	0.0	9.6
25	10:32	70.5	0.0	309594.7	0.0	362784.1	8.3	8.3
26	19:14	70.5	0.0	309602.6	7.9	362787.0	2.9	10.8
27	9:52	70.5	0.0	309602.6	0.0	362792.4	5.4	5.4
28	8:26	70.5	0.0	309611.7	9.1	362794.0	1.6	10.7
29	11:13	70.5	0.0	309617.9	6.2	362794.2	0.2	6.4
30	12:04	70.5	0.0	309617.9	0.0	362802.1	7.9	7.9
31	11:24	70.5	0.0	309625.7	7.8	362802.1	0.0	7.8
			0.0		148.1		144.3	292.4