Monthly Operating Report

July:2026

So. Sangamon Water Commission

August 17th, 2026

SSWC

9199 Buckhart Rd Rochester IL 62563

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EXECUTIVE SUMMARY

Safety. Safety is the number one priority at South Sangamon. We have instituted a monthly safety meeting for operations staff at the plant. There were no lost time accidents in the month of July 2026.

Compliance. The finished water quality was within regulatory limits and all reporting and sampling requirements were met for the month. A copy of the Operations Report submitted to the Illinois Environmental Protection Agency is available at **www.sswc.us**

During the month of July 2026, the plant pumped 32.444 million gallons from the well field and 29.120 million gallons of finished water. This is 6.5 million gallons less than July 2025.

The SSWC plant has been removed from Critical Review status.

Operations. There was 1 emergency call-outs for the month. There were numerous customer inquiry for the month.

Maintenance and Repair. For the month of July 2026, there were 31 inspections, 3 preventative and multiple corrective maintenance activity completed. There were Numerous repair activities performed.

Budget. Passed at March 16th 2026 meeting.

Capital Planning.

Detention Tank

Well #12

1. SAFETY

1.1 SAFETY TRAINING

At South Sangamon we strive to provide a safe working environment for all employees. This is accomplished with daily safety meetings and open communication.

1.2 LOST TIME ACCIDENTS

There were 0 lost time accidents in the month of July 2026.

1.3 SAFETY AUDIT

No safety audits to date.

1.4 MISCELLANEOUS SAFETY

No notable safety issues

2. COMPLIANCE, FLOWS AND LOADINGS

2.1 COMPLIANCE

The finished water quality was within regulatory limits and all Bacteriological testing was completed for the month of July. A copy of the Operations Report to the Illinois Environmental Protection Agency (IEPA) is available on the SSWC website.

The EPA has mandated that SSWC deliver a public notification for failure to sample for Chlordane. Upon review, Chlordane had been sampled for and not detected. The public notification requirement had already been issued so the requirement to notify stands. SSWC has included the notification in its CCR.

2.2 INFLUENT FLOWS AND LOADINGS

The total gallons pumped from the well field were 32.444 MG. The influent parameters were all within the normal range.

The influent flow and loadings are summarized below in Table 2.2

Table 2.2 Influent Concentrations and Flow

	pH	Temp	Iron	Manganese	Fluoride	Hardness	Alkalinity	Well Flow Gals (MGD).
Max.	7.50	16.9	5.82	1.360	-	394	300	1.681
Min.	7.1	14.4	.47	.180	-	356	256	0.050
Avg.	7.3	16.3	.96	.209	-	386	283	1.047
Total	-	-	-	-	-	-	-	32.444

2.3 EFFLUENT CONCENTRATIONS

The facility filtered 30.873 MG during the month with a daily average of .996 MG and a min/max..030/ 1.579MG.

Table 2.3 Finished Water Quality

	Free CL2	Total CL2	pH	Temp	Iron	Manganese	Fluoride	Hardness	Alkalinity	Phosphate
Max.	1.02	3.72	8.0		0.03	0..060	.99	210	292	2.63
Min.	0.06	1.37	7.2		0.01	0.001	0.32	70	220	.45
Avg.	0.12	3.11	7.66		0.02	0.025	0.70	129	278	2.04
MCL	-	-	-	-	1.00	-	4.00	-	-	-
SMCL	-	-	-	-	0.30	0.050	2.00	-	-	-

Finished Water Flow Comparison for FY 2025-26

Time Period	2025-26	2024-25	2023-24
Aug 2025-July 2026	376,160,081	404,748,292	415,436,852
Increase for the same period last year		-28 MG	10.7MG

FINISHED WATER PUMPING HISTORY

	2025-26	2024-25	2023-24	2022-23	2021-22	2020-21
Aug	43,119,702	38,576,284	39,770,720	36,977,913	39,953,900	39,638,063
Sept	37,181,554	37,258,390	38,677,420	32,355,302	38,935,839	38,674,095
Oct	37,837,812	34,907,003	32,733,224	29,576,287	34,918,955	34,597,739
Nov	32,837,339	28,768,567	30,061,570	35,563,717	31,181,005	32,325,040
Dec	35,792,889	32,675,158	31,818,986	30,450,255	31,391,459	31,582,311
Jan	34,401,288	33,741,476	33,807,516	37,721,005	32,322,270	31,456,987
Feb	30,485,408	29,167,378	29,777,768	33,481,076	32,451,653	30,638,842
Mar	32,732,477	31,913,792	31,222,925	36,781,261	33,909,417	33,633,244
Apr	29,072,947	31,328,823	31,707,537	36,832,617	31,991,050	33,214,211
May	37,243,452	36,216,393	36,629,959	43,484,155	37,459,417	35,932,776
June	25,455,213	36,297,369	40,285,085	22,455,176	38,496,145	37,616,256
July	27.116,020	33,897,659	38,944,142	41,565,811	38,861,790	39,001,640
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Totals	376,160,081	404,748,292	415,436,852	417,244,575	421,872,900	418,311,204
Avg	1.03 MGD	1.11 MGD	1.14 MGD	1.14 MGD	1.15 MGD	1.15 MGD

2.4 LAGOON DISCHARGE CONCENTRATIONS

The results for the NPDES lagoon discharge permit are summarized below.

Table 2.4 Weekly Grab Sample Analysis Results

Lagoon Effluent Results						
Date	**Fe (mg/l)**	**Mn (mg/l)**	**Chloride (mg/l)**	**Cl^2 (mg/l)**	**pH (S.U.)**	**TSS (mg/l)**
July 16th 2026	.11	.134	207.3	.03	7.1	<4
Minimum	.11	.134	207.3	.03	7.1	<4
Maximum	.11	.134	207.3	.03	7.1	<4
Average	.11	.134	207.3	.03	7.1	<4
Monthly Avg Limit	***2.000***	***1.000***				***15***
Daily Limit	***4.000***	***2.000***	***500***	***0.05***	***6.0-9.0***	***30***

The Chloride sample for the month was unable to be drawn as the outfall was submerged

The limit for chloride discharge to the sanitary district is 30,000 mg/L. SSWC received a notice of violation for our discharge limits. A plan has been implemented to assure compliance in the future.

SSWC has entered into a Compliance Commitment Agreement with the IEPA due to a Manganese excursion at out outfall. A plan has been initiated to remove solids form the lagoon basins. SSWC is awaiting sample results before moving on to the next phase of the plan.

3. OPERATIONS

3.1 EVENTS IMPACTING OPERATIONS

There were over 50 incident that impacted the operation of the plant.

Power surge

Power Sag

Power Outage

Ion Exchange Troubleshooting

Expansion Joint Failure

Groove Lock Connection Failure

Air Line Leak

Storm Damage

Filter Train Backwash Drain Line Damage

3.2 EMERGENCY & SERVICE CALLS

Service Calls:

- There was 0 emergency call outs for the month.

3.3 EMERGENCY CALL-OUTS

There was 1 emergency call out for the month.

3.4 CUSTOMER INQUIRIE

There were numerous customer inquiries.

OTHER WORK PERFORMED

Inspected distribution mains
Inspected booster station
SCADA programming
Softener Repairs
Insurance Claim
Scada repair

The backwash drain line for filter trains 1 and 2 had a catastrophic failure. Repairs not able to be conducted until after July 4th weekend.

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The Monday after July 4th, the repairs were made and trains 1 and 2 were put back in service.

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The check valves for the lagoon effluent have arrived on site.

4. MAINTENANCE AND REPAIR

4.1 PREVENTATIVE AND PREDICTIVE MAINTENANCE

For the month of July 2026, there were 31 inspections, 3 preventative and multiple corrective maintenance activities completed.

4.2 CORRECTIVE REPAIR AND MAINTENANCE

Pulling and cleaning pre filters on all 3 filter trains on weekly basis

CIP train 1,2 and 3

Purged air control system

Raw water line flushing

Detention tank flush

Flushing Air Lines

Maintenance of New Berlin Booster Station

Air compressor Maintenance

Brine Solution Sampling

Manual CIPs

Manual Maintenance Cleans

Filter Train Leak Repair

Softener Repair

Water Line Flushing

Backwash Drain Line repair

5. PROJECT MANAGEMENT & SUPPORT

5.1 STAFFING & TRAINING

- Staff member training has been continuous and ongoing.
- Operator and Asst. Operator have been studying for EPA licensing test.

5.2 OPERATIONAL SUPPORT

The following individuals, either on-site or remotely, provided assistance in operation and/or maintenance of the plant during the month of July 2026.

- Kevin Canham
- Stephen Bivin
- Katie Krall
- Dan (SCADAware)
- Joe Lee Electric
- Kevin Garmin (SCADAware)
- EL Pruitt

5.3 BUDGET

Table 5.3 Operating Budget

Table 5.3 Budget Table

Budget Table was removed: see clerks report

6. CAPITAL PLANNING

6.1 APPROVED CIP PROJECTS CURRENT STATUS

Pigging project construction complete. First pig was scheduled. Issues were discovered. First pig was attempted but was not able to be performed.

The Chatham /South Sangamon emergency interconnect construction is complete. After many failed attempts; start has been completed.

Meter Project progressing, All meter bases and registers are on site. all cell meters have been installed.

Operating permit for well #11 has been approved and well #11 is in service.

6.2 DRAFT CAPITAL IMPROVEMENT PLAN

The CIP is a planning document that includes all projects anticipated to exceed $5,000 in cost over the next five years. The CIP is an ongoing process and will be refined from time to time as projects are completed and new issues are identified.

1. Onsite fuel storage tanks have arrived on site and pumps have been installed-completed
2. BOP CPU upgrade-completed
3. Second raw water detention tank
4. SSWC/Chatham interconnect-completed
5. Well #11-construction complete
6. SCADA computer upgrade are complete
7. Well #12

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF PUBLIC WATER SUPPLIES

South Sangamon Water Commission - IL1670080

July 2026

Physical and Chemical Tests

	Raw						Pre UF Membrane				Post UF Membrane			Post IEX				Finished													Membrane Integrity		
																														Post Filter		
			Total	Total	Total	Total	Turbidity	Total	Total	Soluble	Total	Total	Turbidity	1	2	3	4		Turbidity	Total	Total	Total	Total	Fluoride	Ortho	Free	Mono-	Chlorine					
Date	pH	Temp	Alk.	Hard.	Fe	Mn		Fe	Mn	Mn	Fe	Mn		Chloride				pH		Alk.	Hard.	Fe	Mn	F	Phosphate	Ammonia	Chloramine	F	T	Distrbution			
		deg. C	mg/L	mg/L	mg/L	mg/L	NTU	mg/L	mg/L	mg/L	mg/L	mg/L	NTU	mg/L	mg/L	mg/L	mg/L		NTU	mg/L	mg/L	mg/L	mg/L	mg/l	mg/L	mg/l	mg/l	mg/l	mg/L	F	T	Bank 1	Bank 2	Bank 3
			as CaCO3																	as CaCO3										mg/l	mg/L	psi	psi	psi
1	7.20	16.7	280	380	0.64	0.216			0.529	0.072	0.02	0.040	0.36					7.60	0.28	280	140	0.02	0.029	0.82	2.21	0.01	3.16	0.12	3.40					
2	7.20	18.4	280	390	0.59	0.210			0.479	0.055	0.02	0.038	0.38					7.60	0.29	280	140	0.02	0.004	0.70	2.17	0.02	1.35	0.08	2.28					
3	7.20	18.2	280	390	0.68	0.186			0.312	0.033	0.02	0.014	0.38					7.60	0.30	280	140	0.02	0.017	0.40	1.74	0.01	2.40	0.08	2.74					
4	7.30	14.6	256	382	0.71	0.202			0.287	0.029	0.02	0.051	0.30					7.50	0.26	290	130	0.01	0.010	0.62	1.91	0.01	2.55	0.07	2.81					
5	7.30	14.4	282	388	0.80	0.219			0.318	0.048	0.02	0.054	0.34					7.60	0.24	292	140	0.02	0.009	0.68	1.84	0.01	2.44	0.08	2.81					
6	7.16	19.9	280	390	2.69	0.160			0.118	0.019	0.06	0.054	0.19					7.68	0.48	220	120	0.04	0.001	0.77	0.45	0.01	2.00	1.02	1.37			pass	pass	pass
7	7.50	16.3	260	386	5.82	1.360			0.086	0.056	0.04	0.210	0.15					8.00	0.49	266	130	0.02	0.041	0.49	2.31	0.01	2.41	0.14	3.48					
8	7.20	16.2	280	380	0.82	0.638			0.336	0.680	0.03	0.200	0.21					7.70	0.38	280	140	0.02	0.060	0.50	2.01	0.01	2.95	0.18	3.23					
9	7.20	16.6	280	390	0.71	0.230			0.460	0.057	0.03	0.042	0.29					7.70	0.36	280	140	0.02	0.030	0.73	2.35	0.01	2.58	0.13	2.84					
10	7.30	17.1	280	390	0.57	0.233			0.427	0.031	0.02	0.044	0.35					7.60	0.38	280	120	0.02	0.048	0.59	2.38	0.03	2.70	0.09	3.10					
11	7.30	16.3	280	380	0.50	0.220			0.389	0.034	0.02	0.046	0.38					7.70	0.32	280	140	0.02	0.036	0.62	2.36	0.02	2.68	0.08	3.06					
12	7.30	16.5	280	385	0.47	0.219			0.372	0.056	0.02	0.048	0.39					7.70	0.32	280	130	0.02	0.032	0.60	2.12	0.02	2.72	0.09	3.12					
13	7.30	16.3	290	390	0.73	0.195			0.348	0.010	0.04	0.070	0.38					7.60	0.36	260	160	0.03	0.016	0.52	1.82	0.01	3.12	0.08	3.52					
14	7.40	17.2	280	390	0.87	0.234			0.411	0.034	0.03	0.018	0.36					7.80	0.32	280	110	0.03	0.040	0.74	2.21	0.01	2.07	0.11	3.72					
15	7.40	17.3	300	390	0.72	0.238			0.354	0.040	2.32	1.699	0.42					7.90	0.34	270	80	0.03	0.040	0.68	2.62	0.01	3.06	0.11	3.42					
16	7.30	16.6	300	390	0.92	0.209			0.354	0.005	0.04	0.128	0.39					7.70	0.30	280	100	0.02	0.014	0.75	2.09	0.01	2.65	0.08	2.66					
17	7.30	17.4	280	390	0.86	0.242			0.404	0.035	0.02	0.124	0.38					7.70	0.32	280	120	0.03	0.011	0.69	2.33	0.04	2.51	0.10	3.36			pass	pass	pass
18	7.40	14.8	292	382	0.91	0.218			0.362	0.041	0.02	0.116	0.36					7.60	0.33	280	110	0.02	0.014	0.72	2.18	0.02	2.77	0.09	3.12					
19	7.50	14.4	296	394	0.88	0.209			0.331	0.036	0.02	0.120	0.38					7.60	0.31	286	112	0.02	0.011	0.81	2.01	0.04	2.66	0.07	2.81					
20	7.10	15.2	290	356	0.79	0.246			0.385	0.033	0.03	0.066	0.25					7.30	0.50	270	140	0.02	0.038	0.82	2.04	0.05	2.10	0.08	3.32					
21	7.10	15.6	290	390	0.68	0.252			0.366	0.053	0.03	0.026	0.40					7.30	0.38	280	120	0.02	0.045	0.88	1.95	0.01	2.07	0.11	3.22					
22	7.40	16.0	280	385	0.73	0.207			0.450	0.017	0.03	0.017	0.36					7.70	0.29	280	110	0.02	0.036	0.68	1.95	0.03	3.17	0.12	3.50					
23	7.30	16.0	280	390	0.83	0.210			0.435	0.039	0.03	0.038	0.38					7.70	0.28	280	200	0.02	0.045	0.80	2.00	0.03	3.20	0.08	3.68					
24	7.30	16.0	280	390	0.68	0.205			0.434	0.024	0.03	0.024	0.38					7.70	0.25	280	210	0.02	0.042	0.74	2.03	0.01	2.84	0.09	2.92					
25	7.30	16.0	280	390	0.58	0.189			0.412	0.026	0.03	0.032	0.42					7.70	0.28	280	160	0.02	0.038	0.76	2.00	0.01	3.18	0.10	3.48					
26	7.30	16.6	280	380	0.62	0.190			0.389	0.032	0.02	0.038	0.38					7.70	0.29	280	110	0.02	0.040	0.70	1.89	0.01	2.86	0.08	2.94					
27	7.30	17.4	280	380	0.68	0.207			0.445	0.034	0.02	0.025	0.42					7.80	0.26	280	70	0.02	0.005	0.32	1.86	0.08	3.22	0.10	**3.56**					
28	7.40	16.8	280	390	0.73	0.210			0.484	0.063	0.03	0.061	0.36					7.80	0.28	280	100	0.02	0.017	0.78	2.12	0.05	2.96	0.06	2.96					
29	7.10	15.1	280	390	0.86	0.190			0.461	0.049	0.01	0.033	0.11					7.20	0.20	290	110	0.02	0.006	0.90	2.15	0.06	3.12	0.06	3.56					
30	7.30	15.1	292	386	0.61	0.203			0.460	0.059	0.02	0.039	0.11					7.80	0.23	280	70	0.03	0.010	0.99	2.09	0.06	3.19	0.09	3.52			pass	pass	pass
31	7.50	14.9	296	392	0.94	0.209			0.436	0.043	0.03	0.035	0.09					7.80	0.21	286	210	0.01	0.002	0.83	1.94	0.08	3.21	0.07	2.82					
Ave.	7.30	16.3	283	386	0.96	0.209	#DIV/0!	#DIV/0!	0.382	0.059	0.03	0.115	0.32	#####	#####	#####	#####	7.66	0.32	278	129	0.02	0.025	0.70	2.04	0.03	2.71	0.12	3.11	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Max	7.50	19.9	300	394	5.82	1.360	0.00	0.00	0.529	0.680	0.06	1.699	0.42	0	0	0	0	8.00	0.50	292	210	0.01	0.060	0.99	2.62	0.08	3.22	1.02	3.72	0.00	0.00	0.00	0.00	0.00
Min	7.10	14.4	256	356	0.47	0.160	0.00	0.00	0.086	0.005	0.01	0.014	0.09	0	0	0	0	7.20	0.20	220	70	0.01	0.001	0.32	0.45	0.01	1.35	0.06	1.37	0.00	0.00	0.00	0.00	0.00

Lagoon Effluent Tests		pH	Temp	T Chlor	Mn	Fe	Chloiride	TSS
Monthly			°C	mg/l	mg/l	mg/l	mg/L	mg/L
Date	7/16/2026	7.1	27.5	0.03	0.134	0.11	207.3	<4

Distribution Stability Tests		pH	temp	TDS	Alkalinity	Calcium	Chloiride	Sulfate	Remarks:
Every Two Weeks			°C	mg/L	mg/L as CaCO3		mg/L	mg/L	
Date	7/20/2026	7.78	19.3	420	280		58	64	
Date									
Date									

South Sangamon Water Commission

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY — **MONTHLY IRON REMOVAL AND ION EXCHANGE SOFTENING REPORT**

DIVISION OF PUBLIC WATER SUPPLIES

South Sangamon Water Commission - IL 1670080

July 2026

		Pumping Totals						Chemicals Applied														UF Filters					Softeners							
			Raw				Lagoon	Sodium Permanganate		Sodium Bisulfite BW		Sodium Hypochlorite		Ammonium Sulfate		Fluorosilicic Acid		Phosphate		Sodium Bisulfite Pond		Hours since previous backwash				Wash	Water	Water	Each day indicate total number of				Regeneration	
	Time	Hours	Well	UF	Plant	HS	Effluent	Am't		Am't		Am't		Am't		Am't		Am't		Am't						Water	Softened	Bypassed	hours since previous regeneration.				Salt	Washed
Date	Meter	Filter	Prod.	Filtered	Water	Pumpage	Pumpage	Used	Calc	Used	Calc	Used	Calc	Used	Calc	Used	Calc	Used	Calc	Used	Calc					Gal.	Gal.	Gal	If regeneration at mid-day, indicate				Used	Water
	Read	Ran	(Mgal)	(Mgal)	(Mgal)	(Mgal)	(Mgal)	lbs.	mg/l as NaMnO4	lbs.	mg/l	lbs.	mg/l as Cl	lbs.	mg/l as NH3	lbs.	mg/l as F	lbs.	mg/l as PO4	lbs.	mg/l	Bank# 1	2	3		(Mgal)	(Mgal)	(Mgal)	hours previous/hours following. 1	2	3	4	lbs.	Gal.
1	7:00	13.8	1.122	1.072	0.003	0.928	0.092	39	0.83	0	0.00	312	4.36	104	2.33	25	0.61	9	0.38	0	0.00	0.66	0.66	0.66		0.073	0.701	0.371	30.0	49.0	44.0	44.0	9124	43400
2	7:00	15.1	1.251	0.988	0.016	1.037	0.052	39	0.75	0	0.00	302	4.58	118	2.86	27	0.59	10	0.38	0	0.00	0.66	0.66	0.66		0.052	0.646	0.342					0	
3	7:00	10.0	0.728	1.014	0.000	0.580	0.059	13	0.43	0	0.00	84	1.24	42	0.99	6	0.24	4	0.27	0	0.00	0.66	0.66	0.66		0.059	0.663	0.351					0	
4	7:00	1.8	0.052	0.030	0.020	0.040	0.008	0	0.00	0	0.00	16	7.99	3	2.40	-2	-1.14	0	0.00	0	0.00	0.66	0.66	0.66		0.008	0.020	0.010					0	
5	7:00	1.7	0.117	0.035	0.000	0.035	0.000	1	0.20	0	0.00	44	18.84	4	2.74	0	0.00	0	0.00	0	0.00	0.66	0.66	0.66		0.000	0.023	0.012					0	
6	7:00	2.8	0.053	0.058	0.000	0.052	0.000	2	0.90	0	0.00	0	0.00	3	1.24	1	0.44	0	0.00	0	0.00	0.66	0.66	0.66		0.000	0.038	0.020					0	
7	7:00	1.6	0.050	0.041	0.000	0.016	0.019	1	0.48	0	0.00	62	22.66	1	0.58	1	1.42	0	0.00	0	0.00	0.66	0.66	0.66		0.000	0.027	0.014	134.0	147.0	150.0	148.0	9124	43400
8	7:00	11.9	0.826	0.935	0.013	0.755	0.052	41	1.19	0	0.00	380	6.09	129	3.31	38	1.15	8	0.42	0	0.00	0.66	0.66	0.66		0.042	0.611	0.324	21.0	25.0			4562	21700
9	7:00	14.5	1.013	1.025	0.006	0.916	0.059	32	0.76	0	0.00	276	4.04	84	1.97	22	0.55	1	0.04	0	0.00	0.66	0.66	0.66		0.045	0.670	0.355	22.0		43.0	43.0	6843	32550
10	7:00	16.1	1.143	1.031	0.011	1.041	0.077	31	0.65	0	0.00	404	5.87	89	2.07	24	0.53	5	0.19	0	0.00	0.66	0.66	0.66		0.063	0.674	0.357	28.0	41.0	30.0		6843	32550
11	7:00	16.8	1.201	1.261	0.012	1.081	0.067	34	0.68	0	0.00	364	4.33	111	2.11	32	0.67	8	0.29	0	0.00	0.66	0.66	0.66		0.057	0.824	0.437	29.0			35.0	4562	21700
12	7:00	13.6	0.979	1.261	0.004	0.905	0.062	14	0.34	0	0.00	170	2.02	54	1.03	14	0.35	4	0.17	0	0.00	0.66	0.66	0.66		0.057	0.824	0.437		54.0			2281	10850
13	7:00	11.5	0.851	0.664	0.000	0.812	0.035	25	0.70	0	0.00	436	9.84	100	3.61	29	0.81	8	0.39	0	0.00	0.66	0.66	0.66		0.021	0.434	0.230	39.0	25.0	62.0		6843	32550
14	7:00	14.9	1.063	0.911	0.022	0.955	0.054	23	0.52	0	0.00	324	5.33	101	2.66	25	0.60	8	0.33	0	0.00	0.66	0.66	0.66		0.040	0.595	0.316	34.0		17.0	79.0	6843	32550
15	7:00	14.1	0.984	0.781	0.007	0.882	0.050	17	0.41	0	0.00	216	4.15	-18	-0.55	17	0.44	5	0.22	0	0.00	0.66	0.66	0.66		0.036	0.510	0.271	24.0	39.0	44.0		6843	32550
16	7:00	9.9	0.585	0.742	0.011	0.530	0.069	18	0.74	0	0.00	228	4.61	60	1.94	19	0.82	7	0.52	0	0.00	0.66	0.66	0.66		0.059	0.485	0.257	23.0			40.0	4562	21700
17	7:00	15.6	0.836	0.742	0.008	0.748	0.078	20	0.57	0	0.00	258	5.21	66	2.13	20	0.61	7	0.37	0	0.00	0.66	0.66	0.66		0.059	0.485	0.257	24.0	49.0	39.0	38.0	9124	43400
18	7:00	14.1	0.886	0.849	0.017	0.807	0.058	19	0.51	0	0.00	264	4.66	75	2.12	20	0.56	9	0.44	0	0.00	0.66	0.66	0.66		0.058	0.555	0.294					0	0
19	7:00	11.8	1.092	0.871	0.002	0.977	0.055	27	0.59	0	0.00	388	6.68	107	2.95	29	0.68	11	0.45	0	0.00	0.66	0.66	0.66		0.036	0.569	0.302	37.0	48.0	35.0	34.0	9124	43400
20	7:00	16.3	1.123	1.121	0.011	1.026	0.058	24	0.51	0	0.00	360	4.81	107	2.29	28	0.62	36	1.39	0	0.00	0.66	0.66	0.66		0.048	0.733	0.388			33.0	33.0	4562	21700
21	7:00	19.0	1.390	1.217	0.007	1.260	0.081	33	0.57	0	0.00	470	5.79	134	2.64	32	0.58	-3	-0.09	0	0.00	0.66	0.66	0.66		0.062	0.795	0.422	45.0	59.0	29.0	29.0	9124	43400
22	7:00	17.7	1.277	1.217	0.016	1.214	0.081	44	0.83	0	0.00	524	6.45	150	2.96	39	0.73	38	1.24	0	0.00	0.66	0.66	0.66		0.062	0.795	0.422	24.0	12.0	21.0	21.0	9124	43400
23	7:00	21.7	1.681	1.579	0.016	1.510	0.104	51	0.73	0	0.00	578	5.49	160	2.43	43	0.65	-9	-0.24	0	0.00	0.66	0.66	0.66		0.085	1.032	0.547	37.0	31.0	23.0	24.0	9124	43400
24	7:00	20.5	1.594	1.579	0.016	1.409	0.095	41	0.62	0	0.00	496	4.71	125	1.90	34	0.55	8	0.22	0	0.00	0.66	0.66	0.66		0.085	1.032	0.547			24.0	24.0	4562	21700
25	7:00	19.7	1.538	1.467	0.006	1.440	0.073	46	0.72	0	0.00	522	5.33	130	2.13	40	0.63	11	0.30	0	0.00	0.66	0.66	0.66		0.054	0.959	0.508	34.0	36.0	24.0	25.0	9124	43400
26	7:00	18.3	1.393	1.229	0.012	1.240	0.072	39	0.67	0	0.00	462	5.63	116	2.26	35	0.64	10	0.32	0	0.00	0.66	0.66	0.66		0.072	0.803	0.426					0	0
27	7:00	18.3	1.408	1.229	0.010	1.333	0.086	15	0.26	0	0.00	634	7.73	132	2.58	33	0.56	10	0.30	0	0.00	0.66	0.66	0.66		0.072	0.803	0.426		42.0	48.0	32.0	6843	32550
28	7:00	20.3	1.578	1.493	0.007	1.397	0.081	51	0.78	0	0.00	504	5.06	161	2.59	39	0.64	13	0.37	0	0.00	0.66	0.66	0.66		0.062	0.976	0.517	71.0	34.0	24.0	25.0	9124	43400
29	7:00	17.9	1.395	1.466	0.015	1.234	0.086	46	0.79	0	0.00	478	4.89	129	2.11	40	0.74	16	0.51	0	0.00	0.66	0.66	0.66		0.067	0.958	0.508	35.0	30.0	23.0	23.0	9124	43400
30	7:00	21.8	1.669	1.487	0.014	1.562	0.095	54	0.78	0	0.00	526	5.30	153	2.47	38	0.55	14	0.35	0	0.00	0.66	0.66	0.66		0.090	0.972	0.515				22.0	2281	10850
31	7:00	19.8	1.566	1.478	0.003	1.398	0.080	46	0.70	0	0.00	490	4.97	130	2.11	36	0.59	19	0.54	0	0.00	0.66	0.66	0.66		0.061	0.966	0.512	35.0	40.0	47.0	25.0	9124	43400
Total		442.9	32.444	30.873	0.285	29.120	1.939	886	19.22	0	0	10572	188.67	2860	66.93	784	17.41	267	10.10	0	0.00					1.585	20.178	10.695	726	761	760	744	168794	802900
Ave.		14.3	1.047	0.996	0.009	0.939	0.063	28.6	0.62	0	0	341	6.09	92	2.16	25.3	0.56	8.6	0.33	0.0	0.00	0.66	0.66	0.66	#DIV/0!	0.051	0.651	0.345	38.2	44.8	40.0	39.2	5444.97	30880.8
Max		21.8	1.681	1.579	0.022	1.562	0.104	54.0	1.19	0	0	634	22.66	161	3.61157	43	1.42	38	1.39	0	0.00	0.66	0.66	0.66	0	0.090	1.032	0.547	134.0	147.0	150.0	148.0	9,124	43,400
Min		1.6	0.050	0.030	0.000	0.016	0.000	0.0	0.00	0	0	0	0.00	-18	-0.55	-2	-1.14	-9	-0.24	0	0.00	0.66	0.66	0.66	0	0.000	0.020	0.010	21.0	12.0	17.0	21.0	0	0

1	20	% Sodium Permanganate	Post-aerator	
2	40	% BisulfiteSolution	Membrane Backwash	
3	12.5	% Sodium Hypochlorite Solution	Post Softener	
4	20	% Ammonium Sulfate Solution	Post Clearwell	
5	19	% Fluorosilicic Acid Solution	Post Clearwell	
6	33	% Phosphate Solution	Post Clearwell	
7	40	% BisulfiteSolution	Lagoon Effluent	

CHLORINATION

Type of Chlorine Used: Sodium Hypochlorite 12.5 %

Chlorine Analyzers Used: Hach CL17 (2) & 5500sc

FLUORIDATION

Type of Fluoride Used: Hydrofluosilicic Acid 19% F

Fluoride Analyzer Used: Hach 2200, SPADNS method

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

Reported by: _____ Illinois Operator Certification ID 253419999

Date: 8/13/2026

Date Bacterials Se 7/30/2026