

South Sangamon Water Commission - IL 1670080  
January 2019

Date	Time Meter Read	Pumping Totals						Chemicals Applied										UF Filters				Softeners				Regeneration								
		Hours Filter Ran	Raw Well Prod. (M gal)	UF Filtered (M gal)	Plant Water (M gal)	HS Pumpage (M gal)	Lagoon Effluent Pumpage (M gal)	Sodium Permanganate		Sodium Bisulfite BW		Sodium Hypochlorite		Ammonium Sulfate		Fluorosilicic Acid		Phosphate		Sodium Bisulfite Pond		Hours since previous backwash			Wash Water Gal. (M gal)	Water Softened Gal. (M gal)	Water Bypassed Gal. (M gal)	Each day indicate total number of hours since previous regeneration. If regeneration at mid-day, indicate hours previous/hours following.				Salt Used lbs.	Washed Water Gal.	
								Am't Used lbs.	Calc mg/l as NaMnO4	Am't Used lbs.	Calc mg/l	Am't Used lbs.	Calc mg/l as Cl	Am't Used lbs.	Calc mg/l as NH3	Am't Used lbs.	Calc mg/l as F	Am't Used lbs.	Calc mg/l as PO4	Am't Used lbs.	Calc mg/l	Bank #						1	2	3	4			
																						1	2	3										
1	7:00	18.2	1.202	1.140	0.004	0.944	24	0.48	0.00	146	1.92	0.00	28	0.68	6	0.25	9	#DIV/0!	0.66	0.66	0.66	0.126												
2	7:00	18.7	1.247	1.167	0.008	0.957	26	0.50	0.00	145	1.86	0.00	26	0.62	6	0.25	9	#DIV/0!	0.66	0.66	0.66	0.130												
3	7:00		1.147	1.089	0.009	0.902	24	0.50	0.00	144	1.98	0.00	28	0.71	7	0.31	6	#DIV/0!	0.66	0.66	0.66	0.121								41.6				
4	7:00	18.6	1.196	1.137	0.008	0.916	25	0.50	0.00	147	1.94	0.00	28	0.70	7	0.30	12	#DIV/0!	0.66	0.66	0.66	0.119				50.0			43.5					
5	7:00	17.9	1.169	1.113	0.008	0.918	26	0.53	0.00	157	2.11	0.00	29	0.72	9	0.39	6	#DIV/0!	0.66	0.66	0.66	0.113					59.8			43.2				
6	7:00	18.2	1.206	1.140	0.008	0.964	25	0.50	0.00	146	1.92	0.00	31	0.73	9	0.37	9	#DIV/0!	0.66	0.66	0.66	0.126							46.4	36.6				
7	7:00	20.3	1.370	1.262	0.012	1.042	24	0.42	0.00	142	1.69	0.00	32	0.70	12	0.46	10	#DIV/0!	0.66	0.66	0.66	0.128				49.7	49.2	37.8						
8	7:00	18.1	1.163	1.093	0.003	0.926	24	0.49	0.00	141	1.93	0.00	31	0.76	11	0.47	4	#DIV/0!	0.66	0.66	0.66	0.122									39.6			
9	7:00	17.5	1.111	1.033	0.006	0.863	21	0.45	0.00	141	2.05	0.00	32	0.84	11	0.50	11	#DIV/0!	0.66	0.66	0.66	0.103				45.0								
10	7:00	20.0	1.356	1.226	0.012	1.016	21	0.37	0.00	146	1.78	0.00	31	0.70	15	0.58	8	#DIV/0!	0.66	0.66	0.66	0.141					67.9	58.7	44.0					
11	7:00	18.7	1.213	1.103	0.003	0.851	22	0.43	0.00	149	2.02	0.00	32	0.86	35	1.63	13	#DIV/0!	0.66	0.66	0.66	0.123				46.7								
12	7:00	16.8	1.137	1.033	0.009	0.881	22	0.46	0.00	149	2.16	0.00	36	0.93	41	1.84		#DIV/0!	0.66	0.66	0.66	0.099							47.5	45.6				
13	7:00	19.4	1.296	1.175	0.002	0.972	20	0.37	0.00	141	1.80	0.00	38	0.89	46	1.87		#DIV/0!	0.66	0.66	0.66	0.128					63.4							
14	7:00	21.2	1.463	1.327	0.012	1.134	22	0.36	0.00	153	1.73	0.00	34	0.68	37	1.29	10	#DIV/0!	0.66	0.66	0.66	0.140				72.1			48.3	47.0				
15	7:00	18.7	1.237	1.116	0.012	0.870	20	0.39	0.00	141	1.89	0.00	34	0.89	38	1.73	12	#DIV/0!	0.66	0.66	0.66	0.143					59.8	39.2	39.2					
16	7:00	17.7	1.192	1.076	0.004	0.890	21	0.42	0.00	139	1.94	0.00	35	0.90	19	0.84	5	#DIV/0!	0.66	0.66	0.66	0.119				46.7								
17	7:00	18.9	1.255	1.137	0.010	0.921	21	0.40	0.00	96	1.27	0.00	35	0.87	32	1.37	10	#DIV/0!	0.66	0.66	0.66	0.126							44.6	45.1				
18	7:00	18.7	1.268	1.152	0.006	0.893	20	0.38	0.00	133	1.73	0.00	34	0.87	38	1.68	16	#DIV/0!	0.66	0.66	0.66	0.126				52.7	59.1							
19	7:00	17.0	1.123	1.020	0.008	0.932	23	0.49	0.00	158	2.32	0.00	38	0.93	42	1.78	7	#DIV/0!	0.66	0.66	0.66	0.101							44.5	46.4				
20	7:00	20.1	1.338	1.213	0.008	1.002	22	0.39	0.00	156	1.93	0.00	40	0.91	43	1.70	8	#DIV/0!	0.66	0.66	0.66	0.131				44.9	65.9							
21	7:00	21.0	1.392	1.260	0.008	1.087	23	0.40	0.00	158	1.88	0.00	37	0.78	5	0.18	13	#DIV/0!	0.66	0.66	0.66	0.145							40.2	37.4				
22	7:00	20.0	1.359	1.234	0.011	0.945	22	0.39	0.00	147	1.79	0.00	36	0.87	8	0.33	11	#DIV/0!	0.66	0.66	0.66	0.133				49.3			39.8	37.3				
23	7:00	19.2	1.288	1.166	0.005	0.938	20	0.37	0.00	137	1.76	0.00	36	0.87	9	0.38	12	#DIV/0!	0.66	0.66	0.66	0.126					59.4							
24	7:00	18.3	1.256	1.135	0.011	0.942	21	0.40	0.00	145	1.91	0.00	35	0.85	23	0.97	10	#DIV/0!	0.66	0.66	0.66	0.120				46.4			41.9	42.3				
25	7:00	18.9	1.223	1.105	0.000	0.935	20	0.39	0.00	138	1.87	0.00	34	0.83	35	1.48	12	#DIV/0!	0.66	0.66	0.66	0.131												
26	7:00	17.8	1.221	1.102	0.018	0.889	23	0.45	0.00	156	2.12	0.00	41	1.05	43	1.91	11	#DIV/0!	0.66	0.66	0.66	0.107				48.0	67.4	44.0	39.7					
27	7:00	21.2	1.438	1.313	0.003	1.094	23	0.38	0.00	164	1.87	0.00	41	0.85	42	1.52	13	#DIV/0!	0.66	0.66	0.66	0.150									37.9			
28	7:00	21.3	1.475	1.328	0.013	1.100	24	0.39	0.00	167	1.88	0.00	42	0.87	45	1.62	5	#DIV/0!	0.66	0.66	0.66	0.141				45.5	57.7	37.4						
29	7:00	21.2	1.448	1.313	0.006	1.096	19	0.31	0.00	163	1.86	0.00	41	0.85	43	1.55	12	#DIV/0!	0.66	0.66	0.66	0.140							36.0	34.0				
30	7:00	21.3	1.453	1.310	0.010	1.099	18	0.30	0.00	160	1.83	0.00	37	0.77	38	1.37	10	#DIV/0!	0.66	0.66	0.66	0.139				48.2	58.1			36.1				
31	7:00	18.9	1.258	1.138	0.000	0.938	22	0.42	0.00	153	2.02	0.00	41	1.00	10	0.42	12	#DIV/0!	0.66	0.66	0.66	0.126												
<b>Total</b>		573.8	39.500	36.156	0.237	29.857	0.000	688	13.06	0	0	4558	58.77	0	0.00	1073	25.45	765	31.36	286	#DIV/0!			3.923	0.000	0.000	645	668	650	693	0	0		
<b>Ave.</b>		19.1	1.274	1.166	0.008	0.963	#DIV/0!	22.2	0.42	#DIV/0!	0	147	1.90	#DIV/0!	0.00	34.6	0.82	24.7	1.01	9.9	#DIV/0!	0.66	0.66	0.66	#DIV/0!	0.127	#DIV/0!	#DIV/0!	49.6	60.7	43.3	40.8	#DIV/0!	#DIV/0!
<b>Max</b>		21.3	1.475	1.328	0.018	1.134	0.000	26.0	0.53	0	0	167	2.32	0	0	42	1.05	46	1.91	16	#DIV/0!	0.66	0.66	0.66	0	0.150	0.000	0.000	72.1	67.9	58.7	47.0	0	0
<b>Min</b>		16.8	1.111	1.020	0.000	0.851	0.000	18.0	0.30	0	0	96	1.27	0	0.00	26	0.62	5	0.18	4	#DIV/0!	0.66	0.66	0.66	0	0.099	0.000	0.000	44.9	49.2	36.0	34.0	0	0

1	20	% Sodium Permanganate	Pre-aerator	<b>CHLORINATION</b> Type of Chlorine Used Sodium Hypochlorite 12.5 %  Chlorine Analyzers Used: Hach CL17 (2) & 5500sc	<b>FLUORIDATION</b> 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: _____ Date: _____ Date Bacterials Sent: _____
2	40	% Bisulfite Solution	Membrane Backwash			
3	12.5	% Sodium Hypochlorite Solution	Post Softener			
4	20	% Ammonium Sulfate Solution	Post Softener			
5	19	% Fluorosilicic Acid Solution	Post Clearwell			
6	33	% Phosphate Solution	Post Clearwell			
7	40	% Bisulfite Solution	Lagoon Effluent			

