

South Sangamon Water Commission - IL 1670080  
April 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	4	1	2	3	4											
1	7:00	20.0	1.344	1.192	0.012	1.028	18	0.32	0.00	147	1.85	0.00	35	0.78	31	1.19	15	#DIV/0!	0.66	0.66	0.66	0.129	0.794	0.398	100.0		36.0	62.0	6843	31050				
2	7:00	21.6	1.428	1.286	0.008	1.092	18	0.30	0.00	162	1.89	0.00	39	0.81	52	1.88	12	#DIV/0!	0.66	0.66	0.66	0.137	0.857	0.429		38.0		32.0	4562	20700				
3	7:00	21.1	1.463	1.335	0.009	1.091	21	0.34	0.00	162	1.82	0.00	36	0.75	48	1.74	6	#DIV/0!	0.66	0.66	0.66	0.139	0.890	0.445	48.0		42.0		4562	20700				
4	7:00	20.5	1.352	1.222	0.008	1.015	20	0.35	0.00	148	1.82	0.00	32	0.72	45	1.75	16	#DIV/0!	0.66	0.66	0.66	0.136	0.815	0.407		47.0		35.0	4562	20700				
5	7:00	19.3	1.301	1.178	0.008	0.950	20	0.37	0.00	158	2.01	0.00	35	0.84	46	1.92	9	#DIV/0!	0.66	0.66	0.66	0.135	0.785	0.393	46.0		41.0	37.0	6843	31050				
6	7:00	19.8	1.366	1.241	0.011	1.035	22	0.39	0.00	150	1.81	0.00	34	0.75	15	0.57	9	#DIV/0!	0.66	0.66	0.66	0.151	0.827	0.414		47.0	36.0		4562	20700				
7	7:00	19.1	1.353	1.229	0.008	0.978	27	0.48	0.00	175	2.13	0.00	39	0.91	21	0.85	18	#DIV/0!	0.66	0.66	0.66	0.133	0.803	0.426	43.0	40.0		35.0	6843	31050				
8	7:00	21.2	1.504	1.356	0.013	1.135	27	0.43	0.00	167	1.85	0.00	38	0.76	41	1.43	6	#DIV/0!	0.66	0.66	0.66	0.148	0.904	0.452			36.0	32.0	4562	31050				
9	7:00	21.3	1.466	1.332	0.008	1.129	26	0.43	0.00	167	1.88	0.00	38	0.77	50	1.75	8	#DIV/0!	0.66	0.66	0.66	0.141	0.888	0.444	49.0	42.0	38.0	36.0	9124	41400				
10	7:00	21.4	1.466	1.347	0.016	1.106	26	0.43	0.00	171	1.90	0.00	39	0.80	53	1.90	11	#DIV/0!	0.66	0.66	0.66	0.154	0.898	0.449					0	0				
11	7:00	20.5	1.430	1.275	0.000	1.025	25	0.42	0.00	136	1.60	0.00	29	0.64	41	1.58	13	#DIV/0!	0.66	0.66	0.66	0.141	0.850	0.425	46.0	44.0	39.0	40.0	9124	41400				
12	7:00	17.9	1.258	1.163	0.016	0.972	33	0.63	0.00	169	2.18	0.00	39	0.91	49	1.99	12	#DIV/0!	0.66	0.66	0.66	0.115	0.760	0.403					0	0				
13	7:00	9.0	0.442	0.412	0.005	0.297	3	0.16	0.00	33	1.20	0.00	16	1.23	2	0.27	2	#DIV/0!	0.66	0.66	0.66	0.115	0.269	0.143					0	0				
14	7:00	17.2	1.343	1.397	0.008	1.053	5	0.09	0.00	44	0.47	0.00	40	0.87	7	0.26	19	#DIV/0!	0.66	0.66	0.66	0.155	0.913	0.484		63.0	59.0	58.0	6843	31050				
15	7:00	17.2	1.110	1.082	0.004	0.903	9	0.19	0.00	122	1.69	0.00	16	0.40	6	0.26	10	#DIV/0!	0.66	0.66	0.66	0.095	0.721	0.361			37.0	39.0	4562	20700				
16	7:00	20.8	1.275	1.118	0.007	0.851	5	0.09	0.00	202	2.71	0.00	30	0.80	9	0.42	13	#DIV/0!	0.66	0.66	0.66	0.114	0.745	0.373	133.0	60.0			4562	20700				
17	7:00	21.5	1.450	1.234	0.008	1.126	6	0.10	0.00	156	1.89	0.00	27	0.55	23	0.81	10	#DIV/0!	0.66	0.66	0.66	0.142	0.822	0.412			43.0	41.0	4562	31050				
18	7:00	22.7	0.973	1.083	0.000	1.174	4	0.10	#DIV/0!	172	2.38	0.00	41	0.80	50	1.69	20	#DIV/0!	0.66	0.66	0.66	0.172	0.722	0.361	35.0	39.0	34.0	27.0	9124	41400				
19	7:00	21.3	1.534	1.387	0.015	1.161	6	0.09	0.00	148	1.60	0.00	35	0.69	48	1.64	6	#DIV/0!	0.66	0.66	0.66	0.159	0.925	0.462					0	0				
20	7:00	18.9	1.283	1.183	0.000	0.966	15	0.28	0.00	152	1.93	0.00	37	0.87	50	2.05	12	#DIV/0!	0.66	0.66	0.66	0.125	0.789	0.394	44.0	38.0	36.0	36.0	6843	31050				
21	7:00	20.3	1.435	1.278	0.013	1.044	14	0.23	0.00	156	1.83	0.00	36	0.79	49	1.86	11	#DIV/0!	0.66	0.66	0.66	0.132	0.852	0.426	71.0			33.0	4562	20700				
22	7:00	21.2	1.521	1.367	0.007	1.173	15	0.24	0.00	178	1.95	0.00	41	0.80	41	1.38	4	#DIV/0!	0.66	0.66	0.66	0.159	0.887	0.480		50.0	45.0	30.0	6843	31050				
23	7:00	21.8	1.435	1.364	0.013	1.180	16	0.27	0.00	151	1.66	0.00	34	0.66	47	1.58	7	#DIV/0!	0.66	0.66	0.66	0.151	0.891	0.473					0	0				
24	7:00	15.0	0.898	0.857	0.000	0.484	11	0.29	0.00	102	1.78	0.00	19	0.89	28	2.29	14	#DIV/0!	0.66	0.66	0.66	0.095	0.560	0.297	78.0	58.0		47.0	6843	31050				
25	7:00	19.2	1.363	1.081	0.016	1.132	20	0.35	0.00	201	2.79	0.00	43	0.87	62	2.17	19	#DIV/0!	0.66	0.66	0.66	0.121	0.707	0.374			85.0		2281	10350				
26	7:00	21.0	1.565	1.414	0.003	1.101	15	0.23	0.00	211	2.24	0.00	38	0.79	11	0.40	6	#DIV/0!	0.66	0.66	0.66	0.157	0.924	0.490	47.0	51.0		33.0	6843	31050				
27	7:00	20.9	1.501	1.344	0.012	1.172	19	0.30	0.00	210	2.34	0.00	41	0.80	23	0.78	16	#DIV/0!	0.66	0.66	0.66	0.155	0.878	0.466			35.0	31.0	4562	20700				
28	7:00	20.5	1.556	1.467	0.008	1.163	19	0.29	0.00	211	2.16	0.00	40	0.78	43	1.46	13	#DIV/0!	0.66	0.66	0.66	0.177	0.959	0.508	44.0	38.0			4562	20700				
29	7:00	19.3	1.449	1.262	0.012	1.106	18	0.30	0.00	196	2.33	0.00	36	0.74	48	1.72	6	#DIV/0!	0.66	0.66	0.66	0.150	0.981	0.281	70.0			38.0	4562	20700				
30	7:00	18.6	1.332	1.339	0.004	0.976	17	0.31	0.00	184	2.06	0.00	35	0.82	46	1.86	5	#DIV/0!	0.66	0.66	0.66	0.156	0.875	0.464		43.0	34.0		4562	20700				
31								#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!	0.66	0.66	0.66			0.000										
<b>Total</b>		590.1	40.196	36.825	0.252	30.618	0.000	500	#DIV/0!	0	#DIV/0!	4741	#DIV/0!	0	#DIV/0!	1038	#DIV/0!	1085	#DIV/0!	328	#DIV/0!		4.017	24.491	12.334	766	710	716	722	143703	672750			
<b>Ave.</b>		19.7	1.340	1.228	0.008	1.021	#DIV/0!	16.7	#DIV/0!	#DIV/0!	#DIV/0!	158	#DIV/0!	#DIV/0!	#DIV/0!	34.6	#DIV/0!	36.2	#DIV/0!	10.9	#DIV/0!	0.66	0.66	0.66	#DIV/0!	0.139	0.816	0.398	63.8	47.3	42.1	38.0	4790.1	22425
<b>Max</b>		22.7	1.565	1.467	0.016	1.180	0.000	33.0	#DIV/0!	0	#DIV/0!	211	#DIV/0!	0	#DIV/0!	43	#DIV/0!	62	#DIV/0!	20	#DIV/0!	0.66	0.66	0.66	0	0.177	0.981	0.508	133.0	63.0	85.0	62.0	9,124	41,400
<b>Min</b>		9	0.442	0.412	0.000	0.297	0.000	3.0	#DIV/0!	0	#DIV/0!	33	#DIV/0!	0	#DIV/0!	16	#DIV/0!	2	#DIV/0!	2	#DIV/0!	0.66	0.66	0.66	0	0.095	0.269	0.000	35.0	38.0	34.0	27.0	0	0

1	20%	Sodium Permanganate	Pre-aerator	<b>CHLORINATION</b>	FLUORIDATION	I certify that the information in this report is complete and accurate to the best of my knowledge. Reported by: _____ Illinois Operator Certification I _____ Date: _____ Date Bacterials Se: _____		
2	40%	Bisulfite Solution	Membrane Backwash	Type of Chlorine Used	Sodium Hypochlorite 12.5 %		Type of Fluoride Used	Hydrofluosilicic Acid 19% F
3	12.5%	Sodium Hypochlorite Solution	Post Softener	Chlorine Analyzers Used: Hach CL17 (2) & 5500sc	Fluoride Analyzer Used: Hach 2200, SPADNS method			
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					

