

WASTEWATER OPERATIONS SECTION

SWRC 2018 PLANT EFFLUENT

	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1	17.487	18.471	28.429	19.573	18.047	18.152	19.505					
2	17.573	18.567	27.028	19.526	17.864	17.197	19.370					
3	17.698	18.557	24.599	20.068	22.716	17.020	18.657					
4	17.534	18.326	23.675	19.971	20.313	16.915	18.362					
5	17.472	18.370	23.338	19.634	19.504	17.251	18.349					
6	17.140	17.246	23.900	19.255	19.057	17.339	18.000					
7	17.679	17.746	22.918	19.192	19.061	16.663	16.537					
8	17.359	17.074	22.647	18.942	18.947	17.007	16.490					
9	17.329	17.159	21.484	19.976	19.064	21.177						
10	17.995	17.430	21.084	18.556	17.989	26.038						
11	20.667	17.559	19.949	18.193	17.891	24.900						
12	20.288	16.947	20.729	18.498	18.139	22.476						
13	18.904	17.371	20.173	17.009	20.464	19.764						
14	18.478	17.633	20.034	21.966	21.332	19.289						
15	18.446	20.531	19.547	34.841	22.536	18.455						
16	18.165	21.373	18.990	31.471	20.180	18.959						
17	18.058	20.948	20.013	25.629	19.385	18.399						
18	17.948	19.989	19.729	24.572	17.604	18.808						
19	17.139	25.408	19.640	22.976	17.971	24.053						
20	17.208	55.746	19.314	20.936	18.156	20.759						
21	17.686	51.247	18.850	21.162	29.731	30.590						
22	28.266	42.042	18.712	20.788	30.834	44.693						
23	26.213	33.721	17.698	21.207	24.739	35.288						
24	23.163	28.515	17.921	19.796	21.836	26.116						
25	21.235	28.329	17.307	19.872	20.351	23.347						
26	19.471	25.913	17.340	18.845	19.438	23.576						
27	19.233	24.090	22.032	17.990	18.131	25.106						
28	19.373	22.999	20.053	19.074	18.687	22.263						
29	18.714		20.036	19.038	18.383	21.172						
30	19.165		19.109	19.576	19.204	19.680						
31	18.832		19.503		19.718							

TOT	591.918	669.307	645.781	628.132	627.272	662.452	145.270	0.000	0.000	0.000	0.000	0.000
AVG	19.094	23.904	20.832	20.938	20.235	22.082	18.159	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	17.139	16.947	17.307	17.009	17.604	16.663	16.490	0.000	0.000	0.000	0.000	0.000
MAX	28.266	55.746	28.429	34.841	30.834	44.693	19.505	0.000	0.000	0.000	0.000	0.000

TOTAL 3,970

All data indicated is in MG.

Data shown is the same as reported in the monthly discharge monitoring report.

Using North plant effluent meter and south plant influent meter to calculate total flow.

OPS\EXCEL\RAINFLOW

2018 PRECIPITATION

	JAN.	FEB.	MAR.	APR.	MAY.	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
1			0.45				0.17					
2					0.17	0.02						
3		0.01		0.09	0.39							
4		0.02					0.17					
5		0.01	0.09	0.06			0.15					
6		0.01	0.05			0.09						
7	0.01	0.03										
8		0.07		0.02		0.29						
9		0.28		0.06	0.08	1.09						
10		0.03				0.65						
11	0.17	0.11		0.01	0.13	0.22						
12				0.02	0.28							
13			0.02	0.04	0.15							
14				0.62	0.64							
15	0.01			0.54								
16						0.02						
17		0.02	0.18									
18				0.09	0.12	0.61						
19		0.34		0.03		0.24						
20		1.26			0.01	0.50						
21	0.01	0.02			0.95	1.22						
22	0.68				0.03	1.53						
23	0.04	0.06										
24	0.01	0.06										
25					0.24							
26			0.18			0.62						
27			0.35	0.01								
28		0.05	0.02									
29			0.06									
30					1.00							
31			0.05									

MAX	0.68	1.26	0.45	0.62	1.00	1.53	0.17	0.00	0.00	0.00	0.00	0.00
TOT	0.93	2.38	1.45	1.59	4.19	7.10	0.49	0.00	0.00	0.00	0.00	0.00

1.53
18.13

TOTAL: 18.13

NOTE: BOLD FIGURES DESIGNATE SNOW.

ITALIC FIGURES DESIGNATE RAIN AND SNOW MIX.

2018 PLANT EFFLUENT FLOW AND PRECIPITATION

	JAN.		FEB.		MAR.		APR.		MAY.		JUN.		JUL.		AUG.		SEP.		OCT.		NOV.		DEC.			
	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation	Flow	Precipitation		
1	17.487		18.471		28.429	0.45	19.573		18.047		18.152		19.505	0.17												
2	17.573		18.567		27.028		19.526		17.864	0.17	17.197	0.02	19.370													
3	17.698		18.557	0.01	24.599		20.068	0.09	22.716	0.39	17.020		18.657													
4	17.534		18.326	0.02	23.675		19.971		20.313		16.915		18.362	0.17												
5	17.472		18.370	0.01	23.338	0.09	19.634	0.06	19.504		17.251		18.349	0.15												
6	17.140		17.246	0.01	23.900	0.05	19.255		19.057		17.339	0.09	18.000													
7	17.679	0.01	17.746	0.03	22.918		19.192		19.061		16.663		16.537													
8	17.359		17.074	0.07	22.647		18.942	0.02	18.947		17.007	0.29	16.490													
9	17.329		17.159	0.28	21.484		19.976	0.06	19.064	0.08	21.177	1.09														
10	17.995		17.430	0.03	21.084		18.556		17.989		26.038	0.65														
11	20.667	0.17	17.559	0.11	19.949		18.193	0.01	17.891	0.13	24.900	0.22														
12	20.288		16.947	0.00	20.729		18.498	0.02	18.139	0.28	22.476															
13	18.904		17.371		20.173	0.02	17.009	0.04	20.464	0.15	19.764															
14	18.478		17.633		20.034		21.966	0.62	21.332	0.64	19.289															
15	18.446	0.01	20.531		19.547		34.841	0.54	22.536		18.455															
16	18.165		21.373		18.990		31.471		20.180		18.959	0.02														
17	18.058		20.948	0.02	20.013	0.18	25.629		19.385		18.399															
18	17.948		19.989		19.729		24.572	0.09	17.604	0.12	18.808	0.61														
19	17.139		25.408	0.34	19.640		22.976	0.03	17.971		24.053	0.24														
20	17.208		55.746	1.26	19.314		20.936		18.156	0.01	20.759	0.50														
21	17.686	0.01	51.247	0.02	18.850		21.162		29.731	0.95	30.590	1.22														
22	28.266	0.68	42.042		18.712		20.788		30.834	0.03	44.693	1.53														
23	26.213	0.04	33.721	0.06	17.698		21.207		24.739		35.288															
24	23.163	0.01	28.515	0.06	17.921		19.796		21.836		26.116															
25	21.235		28.329		17.307		19.872		20.351	0.24	23.347															
26	19.471		25.913		17.340	0.18	18.845		19.438		23.576	0.62														
27	19.233		24.090		22.032	0.35	17.990	0.01	18.131		25.106															
28	19.373		22.999	0.05	20.053	0.02	19.074		18.687		22.263															
29	18.714				20.036	0.06	19.038		18.383		21.172															
30	19.165				19.109		19.576		19.204	1.00	19.680															
31	18.832				19.503	0.05			19.718																	
Yearly Totals																										
TOT	591.918	0.93	669.307	2.38	645.781	1.45	628.132	1.59	627.272	4.19	662.452	7.10	145.270	0.49	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	3970.132	18.13
AVG	19.094	0.13	23.904	0.14	20.832	0.15	20.938	0.13	20.235	0.32	22.082	0.55	18.159	0.16	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	21.006	0.05
MIN	17.139	0.01	16.947	0.00	17.307	0.02	17.009	0.01	17.604	0.01	16.663	0.02	16.490	0.15	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	16.490	0.00
MAX	28.266	0.68	55.746	1.26	28.429	0.45	34.841	0.62	30.834	1.00	44.693	1.53	19.505	0.17	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	55.746	1.53

YEAR TOTAL PRECIPITATION 18.13 IN.
NOTE: BOLD FIGURES DESIGNATE SNOW.
ITALIC FIGURES DESIGNATE RAIN AND SNOW MIX.