

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								
2	17.573	18.567	27.028	19.526								
3	17.698	18.557	24.599	20.068								
4	17.534	18.326	23.675	19.971								
5	17.472	18.370	23.338	19.634								
6	17.140	17.246	23.900	19.255								
7	17.679	17.746	22.918	19.192								
8	17.359	17.074	22.647	18.942								
9	17.329	17.159	21.484	19.976								
10	17.995	17.430	21.084	18.556								
11	20.667	17.559	19.949	18.193								
12	20.288	16.947	20.729	18.498								
13	18.904	17.371	20.173	17.009								
14	18.478	17.633	20.034	21.966								
15	18.446	20.531	19.547	34.841								
16	18.165	21.373	18.990	31.471								
17	18.058	20.948	20.013	25.629								
18	17.948	19.989	19.729									
19	17.139	25.408	19.640									
20	17.208	55.746	19.314									
21	17.686	51.247	18.850									
22	28.266	42.042	18.712									
23	26.213	33.721	17.698									
24	23.163	28.515	17.921									
25	21.235	28.329	17.307									
26	19.471	25.913	17.340									
27	19.233	24.090	22.032									
28	19.373	22.999	20.053									
29	18.714		20.036									
30	19.165		19.109									
31	18.832		19.503									

TOT	591.918	669.307	645.781	362.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AVG	19.094	23.904	20.832	21.312	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
MIN	17.139	16.947	17.307	17.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MAX	28.266	55.746	28.429	34.841	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

TOTAL 2,269

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									
2												
3		0.01		0.09								
4		0.02										
5		0.01	0.09	0.06								
6		0.01	0.05									
7	0.01	0.03										
8		0.07		0.02								
9		0.28		0.06								
10		0.03										
11	0.17	0.11		0.01								
12				0.02								
13			0.02	0.04								
14				0.62								
15	0.01			0.54								
16												
17		0.02	0.18									
18												
19		0.34										
20		1.26										
21	0.01	0.02										
22	0.68											
23	0.04	0.06										
24	0.01	0.06										
25												
26			0.18									
27			0.35									
28		0.05	0.02									
29			0.06									
30												
31			0.05									

MAX	0.68	1.26	0.45	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOT	0.93	2.38	1.45	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

1.26

6.22

TOTAL: 6.22

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		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
2	17.573		18.567		27.028		19.526		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
3	17.698		18.557	0.01	24.599		20.068	0.09	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
4	17.534		18.326	0.02	23.675		19.971		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
5	17.472		18.370	0.01	23.338	0.09	19.634	0.06	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
6	17.140		17.246	0.01	23.900	0.05	19.255		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
7	17.679	0.01	17.746	0.03	22.918		19.192		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
8	17.359		17.074	0.07	22.647		18.942	0.02	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
9	17.329		17.159	0.28	21.484		19.976	0.06	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
10	17.995		17.430	0.03	21.084		18.556		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
11	20.667	0.17	17.559	0.11	19.949		18.193	0.01	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
12	20.288		16.947	0.00	20.729		18.498	0.02	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
13	18.904		17.371		20.173	0.02	17.009	0.04	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
14	18.478		17.633		20.034		21.966	0.62	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
15	18.446	0.01	20.531		19.547		34.841	0.54	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
16	18.165		21.373		18.990		31.471		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
17	18.058		20.948	0.02	20.013	0.18	25.629		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
18	17.948		19.989		19.729		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
19	17.139		25.408	0.34	19.640		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
20	17.208		55.746	1.26	19.314		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
21	17.686	0.01	51.247	0.02	18.850		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
22	28.266	0.68	42.042		18.712		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
23	26.213	0.04	33.721	0.06	17.698		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
24	23.163	0.01	28.515	0.06	17.921		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
25	21.235		28.329		17.307		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
26	19.471		25.913		17.340	0.18	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
27	19.233		24.090		22.032	0.35	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
28	19.373		22.999	0.05	20.053	0.02	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
29	18.714				20.036	0.06	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
30	19.165				19.109		0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00		
31	18.832				19.503	0.05			0.000	0.00			0.000	0.00	0.000	0.00	0.000	0.00			0.000	0.00		0.000	0.00	
TOT	591.918	0.93	669.307	2.38	645.781	1.45	362.300	1.46	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	2269.306	6.22
AVG	19.094	0.13	23.904	0.14	20.832	0.15	12.077	0.07	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	6.217	0.02
MIN	17.139	0.01	16.947	0.00	17.307	0.02	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00
MAX	28.266	0.68	55.746	1.26	28.429	0.45	34.841	0.62	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	55.746	1.26

YEAR TOTAL PRECIPITATION 6.22 IN.
NOTE: BOLD FIGURES DESIGNATE SNOW.
ITALIC FIGURES DESIGNATE RAIN AND SNOW MIX.