Village of Sauget Waste Treatment Plant

Operations Report - Month of July 1974 Page 1 of 3

Date	Day of Week	Weather			Flow - MGD			River Level (ft.)	Temp.°C		pH		Total Acidity (mg/l)
		Rainfall	Wind	Temp.	Treated	By-Passed	Total		Influent	Effluent	Influent	Effluent	Effluent
1	M	0	S	90	12.8		12.8	25.8	28	29	1.7	1.7	612
2	T	0	S	94	14.5		14.5	25.1	30	28	1.6	1.6	712
3	W	0	S	88	19.0		19.0	25.2	30	33	1.8	1.6	616
4	T	0	S	90	12.3		12.3	24.9	25	25	2.3	2.7	172
5	F	0	S	92	19.2		19.2	24.5	25	25	2.0	2.0	156
6	S	0	S	94	17.6		17.6	23.9	28	28	1.8	1.8	220
7	S	0	S	98	12.7		12.7	22.5	30	30	1.8	1.8	272
8	M	0	S	95	15.7		15.7	22.0	30	30	1.7	1.7	344
9	T	0	S	96	16.8		16.8	21.7	28	28	1.8	1.8	144
10	W	0	S	95	16.6		16.6	20.0	31	30	2.3	2.3	164
11	T	0	S	97	17.4		17.4	18.0	29	28	2.0	2.0	304
12	F	0	S	95	14.9		14.9	16.0	30	29	1.8	1.9	196
13	S	0	S	106	17.3		17.3	15.1	30	28	1.8	1.8	196
14	S	0	S	96	12.9		12.9	14.2	26	29	1.8	1.8	216
15	M	0	S	88	15.8		15.8	13.2	26	29	1.8	1.8	456
16	T	1	S	94	15.2		15.2	13.0	29	27	1.8	1.8	784
17	W	0	S	97	19.2		19.2	13.6	29	28	1.9	1.9	520
18	T	0	S	98	20.6		20.6	12.9	29	27	1.7	1.7	412
19	F	.25	S	92	17.9		17.9	11.7	30	29	1.7	1.7	416
20	S	0	S	98	15.9		15.9	11.0	31	30	1.8	1.8	332
21	S	0	S	92	10.2		10.2	10.6	31	30	2.0	1.8	252
22	M	0	S	85	11.8		11.8	9.7	32	31	2.0	1.9	376
23	T	0	S	83	15.2		15.2	9.3	30	29	1.8	1.8	332
24	W	0	S	87	15.7		15.7	9.1	30	28	1.6	1.6	504
25	T	0	SW	93	13.9		13.9	8.9	32	31	1.8	1.8	460
26	F	0	W	94	16.5		16.5	7.9	31	30	1.9	1.9	156
27	S	0	S	92	14.2		14.2	7.8	30	29	1.8	1.8	220
28	S	.50	S	93	15.4		15.4	7.6	32	31	1.8	1.8	600
29	M	0	S	82	14.4		14.4	7.6	30	29	1.7	1.7	400
30	T	0	S	95	14.3		14.3	7.5	31	30	1.5	1.6	760
31	W	0	S	94	13.5		13.5	7.4	31	30	1.5	1.6	760

Flow TOTAL 3100.0
AVE. 15.4

DSW 310716

STLCOPCB4070702

Village of Sauget Waste Treatment Plant

Operations Report - Month of July 1974 page 2 of 3

Date	Suspended Solids Mg/l			Settle Solids Ml/l			COD Mg/l			Phenol Mg/l		TDS Mg/l	
	Influent	Effluent	% Removal	Influent	Effluent	% Removal	Influent	Effluent	% Removal	Influent	Effluent	Effluent	
1	110	106	14.3	0.0	0.0		912	280	29.3	8.0	6.8	3082	
2	82	64	22.0	0.0	0.0		874	378	56.8	6.2	5.2	3691	
3	62	28	54.9	0.0	0.0		568	416	26.8	8.0	6.9	3157	
4	90	16	83.0	0.0	0.0		1012	405	59.6	8.2	6.8	3126	
5	90	16	83.0	0.0	0.0		1012	405	59.6	8.2	6.8	3233	
6	98	28	71.5	0.0	0.0		629	464	26.3	7.4	6.0	3233	
7	96	36	62.5	0.0	0.0		522	373	28.6	8.2	6.8	3341	
8	96	36	62.5	0.0	0.0		552	420	24.0	8.2	6.8	3262	
9	86	64	25.6	0.0	0.0		485	392	17.1	5.8	4.0	3464	
10	34	8	66.6	0.0	0.0		800	592	26.0	7.0	5.4	2945	
11	100	50	81.5	0.0	0.0		420	324	22.9	4.0	3.6	3170	
12	52	22	57.7	0.0	0.0		458	302	29.5	5.6	4.4	3543	
13	68	28	58.7	0.0	0.0		522	373	28.6	7.6	6.0	3806	
14	32	12	62.5	0.0	0.0		394	368	7.6	5.4	4.6	3736	
15	32	12	62.5	0.0	0.0		394	368	7.6	5.4	4.6	2916	
16	72	28	61.2	0.0	0.0		416	280	32.7	4.8	4.4	2916	
17	78	22	71.8	0.0	0.0		440	368	16.4	5.6	4.8	3714	
18	72	12	83.4	0.0	0.0		428	289	32.5	6.8	5.6	3549	
19	356	84	76.5	0.0	0.0		1160	416	64.2	11.6	8.2	3600	
20	98	32	67.4	0.0	0.0		632	384	80.0	8.2	6.4	3657	
21	64	48	25.0	0.0	0.0		506	448	11.5	7.4	7.4	3598	
22	134	72	41.8	0.0	0.0		448	388	15.4	10.4	9.6	2950	
23	28	16	42.9	0.0	0.0		552	480	13.1	6.4	6.0	2717	
24	72	40	44.5	0.0	0.0		552	448	13.1	8.6	9.6	3096	
25	56	34	32.0	0.0	0.0		608	448	26.4	6.2	6.8	3273	
26	68	26	61.8	0.0	0.0		552	433	21.6	6.4	5.6	3503	
27	84	44	47.7	0.0	0.0		544	522	4.1	6.8	6.0	3088	
28	82	50	39.1	0.0	0.0		821	693	15.6	8.6	7.6	3741	
29	90	54	40.0	0.0	0.0		544	432	16.0	5.0	5.6	2982	
30	82	42	48.8	0.0	0.0		760	637	16.2	5.6	7.2	3486	
31	82	42	48.8	0.0	0.0		560	469	16.3	5.4	7.2	3486	

SS Total 1711.7 Average 55.2

COD Total 8160 Average 263

DSW 310717

STLCOPCB4070703