Appen A

Table 3.1

Maximization of Existing Flow

	June-13							
					CSO 018			
Day	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)
1	6.20	19.00	0.16	3.28				
2	5.44	11.00		2.08				
3	5.34	16.00		1.99				
4	5.38	15.00		1.89				
5	5.55	16.00	0.07	1.96				
6	5.46	10.00		1.86				
7	7.04	16.00		1.79				
8	5.34	12.00		2.03				
9	5.34	40.00	0.37	1.92	11:30 PM	0.50	12:20 AM	0.1300
10	7.34	12.00		2.00	12:00 AM	1.50	1:50 AM	0.1200
11	5.23	16.00		1.92				
12	5.40	11.00		2.12				
13	5.43	15.00		1.83				
14	5.16	16.00		1.71				
15	5.13	10.00		1.64				
16	7.66	46.00	0.78	1.99	4:30 PM	2.00	6:30 PM	1.1337
17	14.00	47.00	0.63	1.89	4:00 PM	4.00	8:00 PM	0.3703
18	10.13	50.00	0.08	1.99				
19	5.52	16.00		2.45				
20	5.52	16.00		5.98				
21	5.34	11.00		9.24				
22	5.23	16.00		2.01				
23	5.19	13.00		2.01				
24	5.86	18.00	0.26	2.45	11:40 AM	2.50	2:30 PM	1.4256
25	5.53	16.00		2.14				
26	16.00	44.00		2.21	3:00 AM	2.00	5:00 AM	6.8780
27	5.33	43.00		2.10				
28	10.98	21.00	1.11	2.01				
29	7.05	28.00		2.10	7:30 PM	4.00	11:30 PM	2.9862
30	8.27	45.00		2.22				
31								

SOURCE: SMR #8

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Table 3.1

Maximization of Existing Flow

	July-13								August-13							
					CSO 018								CSO 018			
Day	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)
1	7.37	28.00	0.25	2.940	7:50 PM	1.00	8:50 PM	0.2100	5.55	36.50		2.150				
2	9.00	40.00	0.71	3.540	12:55 PM	1.50	2:50 PM	0.6001	5.37	20.00		1.910				
3	7.09	22.00		2.620					5.55	20.00		1.750				
4	10.75	24.00	0.49	3.970	7:30 AM	4.00	11:30 AM	0.3500	5.20	21.00		1.750				
5	8.20	39.00	0.03	2.570					5.20	22.00		1.980				
6	14.13	24.00	0.73	5.270	1:15 PM	5.00	6:15 PM	1.3600	5.30	20.00		1.950				
7	8.08	21.00		2.480					5.31	23.00		1.820				
8	7.08	22.00	0.08	2.220					5.20	21.00		2.000				
9	6.52	22.00		2.080					5.15	20.00	0.02	1.980				
10	8.48	50.00	0.65	3.760	3:00 PM	2.00	5:00 PM	1.2000	5.33	20.00	0.03	1.650				
11	6.57	22.00		2.300					5.11	21.00		1.640				
12	5.96	22.00		2.180					6.64	48.00	0.39	3.080	2:20 PM	1.50	4:10 PM	0.1748
13	5.79	22.00		1.940					6.22	20.00	0.22	2.820	2:15 AM	2.25	4:40 PM	0.1077
14	7.68	44.00	0.71	3.070	7:30 PM	2.00	9:30 PM	2.3000	5.29	20.00		1.820				
15	6.95	22.00		2.630					5.22	20.00		1.890				
16	5.99	21.00		2.070					5.08	20.00	0.02	2.030				
17	5.86	21.00		2.030					4.87	20.00		1.540				
18	6.25	38.00	0.22	2.270					4.78	20.00		1.750				
19	5.70	20.00		1.880					8.50	20.00		1.750				
20	4.92	21.00		1.830					6.01	20.00	0.25	2.280	7:00 PM	1.25	8:25 PM	0.0864
21	5.46	22.00	0.23	1.980					5.22	20.00		2.210				
22	13.32	50.00	1.4	7.860	7:30 AM	6.00	1:30 PM	2.6000	5.01	22.00		1.890				
23	7.16	21.00		2.730					4.95	21.00		2.000				
24	5.99	20.50		2.440					4.63	21.00		1.480				
25	5.70	20.00		2.380					4.62	19.00		1.470				
26	5.63	42.00		2.350					5.52	21.00		2.390				
27	5.70	20.50	0.06	2.350					4.99	21.00		1.520				
28	5.22	23.00		1.980					4.72	21.00		1.590				
29	5.35	20.00		2.070					4.99	21.00		9.260				
30	5.67	21.00	0.11	2.160					4.82	19.00		1.470				
31	15	25		2.180					7.22	40.00	1.17	3.242				

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Table 3.1

Maximization of Existing Flow

Day	September-13								October-13							
					CSO 018								CSO 018			
	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)
1	8.13	21.00	0.23	3.280					4.73	21.00		2.172				
2	5.50	22.00	0.09	2.080					4.80	21.00		2.202				
3	5.02	21.00		1.990					4.93	21.00		2.464				
4	4.89	21.00		1.890					4.72	20.00		2.104				
5	5.04	21.00		1.960					12.92	50.00	3.15	6.640	12:15 PM	7.00	7:15 PM	4.76
6	4.83	20.00		1.860					25.58	47.00	1.31	12.982	12:30 AM	8.00	8:30 AM	2.54
7	4.71	21.00		1.790					8.46	22.00		9.871				
8	5.24	21.00		2.030					6.27	21.00		2.508				
9	5.09	20.00		1.920					5.68	21.00		2.288				
10	5.12	21.00		2.000					5.41	19.00		2.491				
11	5.16	20.00		1.920					5.08	21.00		2.092				
12	5.48	22.00		2.120					5.11	20.00		2.063				
13	4.82	21.00		1.830					4.94	21.00		2.019				
14	4.45	20.00		1.710					4.98	20.00		1.944				
15	4.55	20.00		1.640					5.18	20.00		1.970				
16	4.61	20.00		1.990					4.96	21.00		2.188				
17	4.58	21.00		1.890					4.82	20.00		1.890				
18	4.68	21.00		1.990					4.76	21.00		1.990				
19	5.39	32.00	0.14	2.450	11:45 AM	0.50	12:35 PM	0.165	4.81	20.00		2.046				
20	8.76	45.00	1.07	5.980	4:20 PM	4.00	8:20 PM	1.486	4.94	20.00		2.150				
21	11.35	21.00	0.39	9.240	12:00 AM	4.50	4:45 AM	1.002	4.77	21.00	0.03	2.162				
22	5.17	21.00		2.010					4.81	20.00		2.070				
23	4.96	20.00		2.010					4.94	21.00		2.073				
24	5.01	19.00		2.450					4.94	21.00		2.011				
25	4.97	21.00		2.140					4.68	21.00		2.052				
26	4.71	21.00		2.210					4.44	20.00		1.824				
27	4.54	21.00		2.100					4.44	21.00		1.792				
28	4.56	20.00		2.013					4.46	21.00		1.987				
29	4.90	20.00	0.07	2.100					4.49	21.00		2.073				
30	4.71	21.00		2.210					4.77	50.00	1.01	6.251	1:15 AM	6.75	8:00 AM	0.565
31				4.335					11.63	24.00	0.73	4.335	8:00 PM	3.00	11:00 PM	0.62

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Table 3.1

Maximization of Existing Flow

	November-13							
					CSO 018			
Day	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)
1	8.34	21.00		3.148				
2	5.81	21.00		2.296				
3	5.25	20.00		1.922				
4	5.16	21.00		2.069				
5	5.11	20.50		1.927				
6	5.78	23.00	0.18	2.747				
7	6.17	22.00		2.452				
8	4.97	21.00		1.820				
9	4.99	21.00		1.935				
10	4.99	20.00		1.882				
11	4.99	14.00		1.904				
12	4.04	21.00	0.06	1.964				
13	4.80	21.00		1.799				
14	4.87	21.00		1.957				
15	4.95	20.00	0.09	2.147				
16	4.89	50.00		2.081				
17	23.65	50.00	2.75	10.269	4:05 AM	6.50	10:55 AM	8.5993
18	10.81	24.00		3.748				
19	7.19	22.00		2.783				
20	6.44	20.00		2.666				
21	6.11	25.00	0.07	2.690				
22	6.07	21.00		2.424				
23	5.65	21.00		1.902				
24	5.32	21.00		1.840				
25	5.41	21.00		2.109				
26	5.38	21.00		2.048				
27	4.80	21.00		1.820				
28	4.98	20.00		2.061				
29	4.72	21.00		1.791				
30	4.83	20.00		1.763				
31								