Appendi.

Table 3.1

Maximization of Existing Flow

	December-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	4.91	20.53						
2	4.94	20.74						
3	4.89	20.82						
4	4.91	50.58						
5	9.01	46.75	0.63		5:15 AM	4.00	9:15 AM	0.2450
6	9.62	22.00	0.09		2:30 AM	4.50	3:00 AM	0.0150
7	8.15	22.07						
8	7.10	21.45						
9	7.18	21.03	0.01					
10	6.49	21.94						
11	6.14	21.73	0.18					
12	5.92	20.81						
13	5.65	20.30	0.05					
14	1.60	25.54	0.54					
15	8.44	21.05						
16	7.02	21.37						
17	6.48	20.61						
18	6.14	20.72						
19	5.87	21.33						
20	6.15	20.81	0.06					
21	19.64	50.00	2.64		2:15 AM	16.75	67:00 PM	4.2985
22	20.89	50.00	0.32		12:00 AM	15.00	3:00 PM	1.6975
23	9.70	22.71						
24	7.81	21.60						
25	6.68	20.35						
26	6.73	20.61						
27	6.46	20.98						
28	6.21	21.85	0.01					
29	10.09	21.20	0.47		2:30 AM	10.50	1:00 PM	0.4560
30	7.02	20.81	0.12					
31	6.57	20.89						

SOURCE:
SAA #9

Appendix

Table 3.1

Maximization of Existing Flow

Day	January-14								February-14							
	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	CSO 018				Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	CSO 018			
					Start Time	Duration (Hours)	Stop Time	Volume (MG)					Start Time	Duration (Hours)	Stop Time	Volume (MG)
1	6.08	21.00							5.67	22.50						
2	6.08	21.00	0.19						9.31	22.50	0.39		2:00 AM	5.25	7:15 AM	0.1065
3									8.15	22.79	0.19					
4	5.95	35.00							10.94	50.00	1.19		6:30 PM	6.50	1:00 AM	2.0053
5	8.84	21.00	0.47		2:50 PM	3.00	5:50 PM	0.1236	17.14	27.00	0.08					
6	8.20	23.00							3.76	21.83						
7	7.10	20.00							8.71	21.78						
8	6.52	21.00							7.64	21.58	0.01					
9	6.23	34.00							7.67	21.61						
10	5.95	50.00	0.01						7.31	22.26						
11	14.15	25.00	0.83		12:05 AM	5.50	5:35 AM	1.3582	7.41	21.91						
12	8.39	23.00							6.88	21.50						
13	8.86	22.00	0.22						6.87	21.88	0.02					
14	8.06	21.00	0.04						7.33	21.85	0.16					
15	7.22	21.00							7.64	21.73						
16	6.62	21.00							7.09	22.13	0.09					
17	6.36	20.00							10.95	50.00	0.52		3:25 PM	3.00	6:25 PM	5.1150
18	6.12	21.00							9.80	24.86						
19	6.05	21.00							8.31	20.82						
20	6.17	20.00							8.26	22.90	0.21					
21	6.15	21.00							8.51	22.91	0.02					
22	5.98	20.00							6.76	21.72						
23	6.50	22.00							6.64	21.96	0.01					
24	6.31	21.00							6.50	22.64						
25	6.48	21.00	0.01						6.35	22.00						
26	6.45	22.00							6.37	21.62						
27	6.73	21.00							6.29	21.60						
28	6.56	21.00							6.11	21.16						
29	6.41	22.00														
30	6.16	21.00														
31	5.71	22.00														

Appendix

Table 3.1

Maximization of Existing Flow

	March-14								April-14							
					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	5.65	20.00							5.780	21.000	0.04					
2	7.72	24.00	0.31		9:40 AM	3.00		0.2450	5.940	21.000	0.01					
3	6.89	21.00							17.590	50.000	1.64		5:00 AM	7.00	12:00 PM	5.1054
4	7.04	21.00	0.10		3:00 AM	6.00		0.0750	24.460	50.000	1.57		12:00 AM	14.00	2:00 PM	12.2703
5	6.76	21.00	0.08						10.400	23.000						
6	6.81	21.00	0.02						8.340	34.000						
7	6.30	22.00							15.990	50.000	1.21					
8	6.30	31.00							11.010	25.000	0.04					
9	6.27	21.00							8.450	21.000						
10	6.14	21.00							7.270	21.000						
11	5.95	20.00							6.890	23.000						
12	1.00	22.00	0.11		7:00 AM	1.0		0.1002	6.620	19.000						
13	6.44	21.00							6.520	22.000						
14	5.93	21.00							10.110	35.000	0.69					
15	5.75	20.00							11.270	23.000	0.26					
16	6.26	21.00							7.730	21.000						
17	6.16	22.00	0.02						6.910	21.000						
18	5.96	20.00							6.560	21.000						
19	5.95	21.00	0.05						6.100	20.000						
20	5.75	20.00							5.920	20.000						
21	5.47	20.00							6.030	20.000						
22	5.38	20.00							5.810	20.000						
23	5.29	20.00							5.780	20.000						
24	5.42	21.00							5.580	20.000						
25	5.51	20.00							5.900	20.000	0.10					
26	5.28	20.00							5.330	21.000						
27	5.21	20.00							5.940	23.000	0.13					
28	6.72	19.00	0.29		2:15 AM	8.00		0.5412	17.830	50.000	1.86		3:45 AM	6.00	9:45 AM	1.4386
29	11.23	48.00	0.71		12:00 AM	10.00		1.2000	10.190	25.000	0.13					
30	6.83	21.00							7.900	20.000						
31	6.03	21.00														

Appendi.

Table 3.1

Maximization of Existing Flow

	May-14							
					CSO 018			
Day	Influent (gallons)	Peak Flow (gallons)	Rainfall (inches)	TSPS Peak Flow Rate, MGD	Start Time	Duration (Hours)	Stop Time	Volume (MG)
1	7.90	21.00						
2	6.70	21.00						
3	6.22	21.50						
4	5.84	19.00						
5	5.86	21.00						
6	5.58	20.00						
7	5.49	20.00						
8	5.34	21.00						
9	6.49	50.00	0.29					
10	15.69	50.00	1.61					
11	8.97	22.00						
12	6.93	21.00						
13	5.77	20.00						
14	11.42	49.00	1.09		7:00 AM	12.00	7:00 PM	2.432
15	11.73	23.00						
16	8.85	21.00						
17	6.96	21.00						
18	6.53	21.00						
19	6.27	21.00						
20	5.64	20.00						
21	6.59	50.00	0.39		10:40 AM	14.00	12:40 AM	2.375
22	14.38	21.00	0.40					
23	7.58	22.00						
24	6.40	19.00						
25	6.03	20.00						
26	5.83	20.00						
27	5.38	20.00						
28	6.70	45.00	0.35		10:30 PM	2.00	12:30 AM	3.547
29	6.19	20.00						
30	5.67	21.00						
31	5.65	21.00						