LAWRENCE J. PAGGI, P.E.,P.C.
FISHKILL, NEW YORK
OCTOBER 21, 2010

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA B1	
BASIN DISCHARGES INTO		INFILTRATION BASIN	
BASIN AREA	=	5.42	ACRES
BASIN CURVE NUMBER	=	79.58	
24-HOUR PRECIPITATION	=	5.00	INCHES
24-HOUR RUNOFF	=	2.85	INCHES
AVERAGE BASIN SLOPE	=	6.20	%
HYDRAULIC LENGTH	=	886.00	FEET
BASIN LAG ,(Tc)	=	0.12	HOURS , 0.20 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
7.33	0.0	7.42	0.0	7.50	0.0	7.58	0.0
7.67	0.0	7.75	0.0	7.83	0.0	7.92	0.0
8.00	0.0	8.08	0.0	8.17	0.0	8.25	0.0
8.33	0.1	8.42	0.1	8.50	0.1	8.58	0.1
8.67	0.1	8.75	0.1	8.83	0.1	8.92	0.1
9.00	0.1	9.08	0.1	9.17	0.2	9.25	0.2
9.33	0.2	9.42	0.2	9.50	0.2	9.58	0.2
9.67	0.2	9.75	0.3	9.83	0.3	9.92	0.3
10.00	0.3	10.08	0.3	10.17	0.3	10.25	0.4
10.33	0.4	10.42	0.4	10.50	0.5	10.58	0.5
10.67	0.5	10.75	0.6	10.83	0.6	10.92	0.7
11.00	0.7	11.08	0.8	11.17	0.8	11.25	0.9
11.33	1.0	11.42	1.1	11.50	1.3	11.58	1.4
11.67	1.6	11.75	2.0	11.83	3.0	11.92	5.1
12.00	8.0	12.08	11.9	12.17	14.3	12.25	13.5
12.33	10.8	12.42	7.8	12.50	5.1	12.58	3.7
12.67	3.0	12.75	2.6	12.83	2.3	12.92	2.1
13.00	2.0	13.08	1.8	13.17	1.7	13.25	1.7
13.33	1.6	13.42	1.5	13.50	1.5	13.58	1.4
13.67	1.3	13.75	1.3	13.83	1.2	13.92	1.2
14.00	1.1	14.08	1.1	14.17	1.1	14.25	1.1
14.33	1.0	14.42	1.0	14.50	1.0	14.58	1.0
14.67	1.0	14.75	0.9	14.83	0.9	14.92	0.9
15.00	0.9	15.08	0.9	15.17	0.8	15.25	0.8
15.33	0.8	15.42	0.8	15.50	0.8	15.58	0.8

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HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
15.67	0.8	15.75	0.7	15.83	0.7	15.92	0.7
16.00	0.7	16.08	0.7	16.17	0.7	16.25	0.6
16.33	0.6	16.42	0.6	16.50	0.6	16.58	0.6
16.67	0.6	16.75	0.6	16.83	0.6	16.92	0.6
17.00	0.6	17.08	0.6	17.17	0.5	17.25	0.4
17.33	0.4	17.42	0.4	17.50	0.4	17.58	0.4
17.67	0.4	17.75	0.4	17.83	0.4	17.92	0.4
18.00	0.4	18.08	0.4	18.17	0.4	18.25	0.4
18.33	0.4	18.42	0.4	18.50	0.4	18.58	0.4
18.67	0.4	18.75	0.4	18.83	0.4	18.92	0.4
19.00	0.4	19.08	0.3	19.17	0.3	19.25	0.3
19.33	0.3	19.42	0.3	19.50	0.3	19.58	0.3
19.67	0.3	19.75	0.3	19.83	0.3	19.92	0.3
.00	0.3	20.08	0.3	20.17	0.3	20.25	0.3
0.33	0.3	20.42	0.3	20.50	0.3	20.58	0.3
20.67	0.3	20.75	0.3	20.83	0.3	20.92	0.3
21.00	0.3	21.08	0.3	21.17	0.3	21.25	0.3
21.33	0.2	21.42	0.2	21.50	0.2	21.58	0.2
21.67	0.2	21.75	0.2	21.83	0.2	21.92	0.2
22.00	0.2	22.08	0.2	22.17	0.2	22.25	0.2
22.33	0.2	22.42	0.2	22.50	0.2	22.58	0.2
22.67	0.2	22.75	0.2	22.83	0.2	22.92	0.2
23.00	0.2	23.08	0.2	23.17	0.2	23.25	0.2
23.33	0.2	23.42	0.2	23.50	0.2	23.58	0.2
23.67	0.2	23.75	0.2	23.83	0.2	23.92	0.2
24.00	0.2	24.08	0.2	24.17	0.1	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 14.32 C.F.S.

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER INFILTRATION BASIN

1 =
2 = 12 INCH CIRCULAR ORIFICE - INVERT 233.6
3 = 12 INCH CIRCULAR ORIFICE - INVERT 234

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)	PERCOLATION (CFS)
230.00	0.0	0.000	0.0	0.00000
232.00	6766.0	0.740	45.8	0.74000
233.00	11524.5	0.910	77.7	0.91000
233.60	14860.5	1.020	100.1	1.02000
234.00	17295.3	1.849	117.2	1.09000
235.00	24152.8	7.552	168.6	1.29000
235.50	28001.3	9.646	196.3	1.39000
236.00	32140.3	11.334	225.6	1.49000
236.50	36576.8	12.797	256.6	1.59000

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HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
8.33	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.001	0.000	230.00
8.42	0.1	0.1	0.1	0.0	0.2	0.0	0.2	0.003	0.000	230.01
8.50	0.1	0.1	0.2	0.0	0.3	0.0	0.3	0.005	0.000	230.01
8.58	0.1	0.1	0.3	0.0	0.4	0.0	0.4	0.007	0.000	230.02
8.67	0.1	0.1	0.4	0.0	0.6	0.0	0.6	0.009	0.000	230.02
8.75	0.1	0.1	0.6	0.0	0.7	0.0	0.7	0.012	0.000	230.03
8.83	0.1	0.1	0.7	0.0	0.9	0.0	0.9	0.015	0.000	230.04
8.92	0.1	0.1	0.9	0.0	1.2	0.0	1.1	0.019	0.000	230.05
9.00	0.1	0.1	1.1	0.0	1.4	0.0	1.4	0.022	0.000	230.06
9.08	0.1	0.1	1.4	0.0	1.6	0.0	1.6	0.026	0.000	230.07
	0.1	0.2	1.6	0.0	1.9	0.0	1.8	0.030	0.000	230.08
9.25	0.2	0.2	1.8	0.0	2.1	0.0	2.1	0.035	0.000	230.09
9.33	0.2	0.2	2.1	0.0	2.4	0.0	2.4	0.039	0.000	230.11
9.42	0.2	0.2	2.4	0.0	2.7	0.0	2.7	0.044	0.000	230.12
9.50	0.2	0.2	2.7	0.0	3.0	0.0	2.9	0.048	0.000	230.13
9.58	0.2	0.2	2.9	0.0	3.3	0.1	3.2	0.053	0.000	230.14
9.67	0.2	0.2	3.2	0.1	3.6	0.1	3.6	0.059	0.000	230.16
9.75	0.2	0.3	3.6	0.1	4.0	0.1	3.9	0.065	0.000	230.17
9.83	0.3	0.3	3.9	0.1	4.4	0.1	4.3	0.071	0.000	230.19
9.92	0.3	0.3	4.3	0.1	4.8	0.1	4.7	0.078	0.000	230.21
10.00	0.3	0.3	4.7	0.1	5.2	0.1	5.2	0.085	0.000	230.23
10.08	0.3	0.3	5.2	0.1	5.7	0.1	5.6	0.092	0.000	230.25
10.17	0.3	0.3	5.6	0.1	6.2	0.1	6.1	0.099	0.000	230.27
10.25	0.3	0.4	6.1	0.1	6.7	0.1	6.6	0.108	0.000	230.29
10.33	0.4	0.4	6.6	0.1	7.2	0.1	7.1	0.117	0.000	230.32
10.42	0.4	0.4	7.1	0.1	7.9	0.1	7.7	0.127	0.000	230.34
10.50	0.4	0.5	7.7	0.1	8.5	0.1	8.4	0.137	0.000	230.37
10.58	0.5	0.5	8.4	0.1	9.2	0.1	9.0	0.148	0.000	230.40
10.67	0.5	0.5	9.0	0.1	9.9	0.2	9.7	0.160	0.000	230.43
10.75	0.5	0.6	9.7	0.2	10.7	0.2	10.5	0.172	0.000	230.46
10.83	0.6	0.6	10.5	0.2	11.5	0.2	11.3	0.185	0.000	230.50
10.92	0.6	0.7	11.3	0.2	12.4	0.2	12.2	0.200	0.000	230.54
11.00	0.7	0.7	12.2	0.2	13.3	0.2	13.1	0.215	0.000	230.58
11.08	0.7	0.8	13.1	0.2	14.4	0.2	14.2	0.233	0.000	230.63
11.17	0.8	0.8	14.2	0.2	15.6	0.3	15.3	0.252	0.000	230.68
	0.8	0.9	15.3	0.3	16.8	0.3	16.5	0.271	0.000	230.73
	0.9	1.0	16.5	0.3	18.2	0.3	17.9	0.293	0.000	230.79

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
11.42	1.0	1.1	17.9	0.3	19.7	0.3	19.4	0.318	0.000	230.86
11.50	1.1	1.3	19.4	0.3	21.5	0.3	21.1	0.347	0.000	230.94
11.58	1.3	1.4	21.1	0.3	23.5	0.4	23.1	0.379	0.000	231.02
11.67	1.4	1.6	23.1	0.4	25.7	0.4	25.3	0.415	0.000	231.12
11.75	1.6	2.0	25.3	0.4	28.5	0.5	28.0	0.460	0.000	231.24
11.83	2.0	3.0	28.0	0.5	32.6	0.5	32.1	0.526	0.000	231.42
11.92	3.0	5.1	32.1	0.5	39.7	0.6	39.0	0.640	0.000	231.73
12.00	5.1	8.0	39.0	0.6	51.5	0.8	50.7	0.770	0.000	232.18
12.08	8.0	11.9	50.7	0.8	69.8	0.9	69.0	0.868	0.000	232.75
12.17	11.9	14.3	69.0	0.9	94.3	1.0	93.3	0.992	0.000	233.44
12.25	14.3	13.5	93.3	1.0	120.1	2.2	117.9	1.102	1.077	234.06
[illegible]	13.5	10.8	117.9	2.2	140.1	4.4	135.7	1.179	3.210	234.45
12.42	10.8	7.8	135.7	4.4	149.9	5.5	144.4	1.217	4.260	234.64
12.50	7.8	5.1	144.4	5.5	151.8	5.7	146.1	1.225	4.470	234.67
12.58	5.1	3.7	146.1	5.7	149.2	5.4	143.8	1.215	4.189	234.62
12.67	3.7	3.0	143.8	5.4	145.0	4.9	140.1	1.198	3.742	234.54
12.75	3.0	2.6	140.1	4.9	140.8	4.5	136.3	1.182	3.285	234.46
12.83	2.6	2.3	136.3	4.5	136.8	4.0	132.8	1.166	2.861	234.38
12.92	2.3	2.1	132.8	4.0	133.2	3.6	129.5	1.152	2.474	234.31
13.00	2.1	2.0	129.5	3.6	130.0	3.3	126.7	1.140	2.135	234.25
13.08	2.0	1.8	126.7	3.3	127.3	3.0	124.3	1.129	1.843	234.20
13.17	1.8	1.7	124.3	3.0	124.9	2.7	122.2	1.120	1.585	234.15
13.25	1.7	1.7	122.2	2.7	122.8	2.5	120.4	1.112	1.367	234.11
13.33	1.7	1.6	120.4	2.5	121.1	2.3	118.9	1.106	1.187	234.08
13.42	1.6	1.5	118.9	2.3	119.6	2.1	117.5	1.100	1.026	234.05
13.50	1.5	1.5	117.5	2.1	118.4	2.0	116.4	1.095	0.890	234.02
13.58	1.5	1.4	116.4	2.0	117.3	1.9	115.4	1.091	0.773	234.00
13.67	1.4	1.3	115.4	1.9	116.2	1.8	114.4	1.086	0.717	233.98
13.75	1.3	1.3	114.4	1.8	115.1	1.8	113.4	1.082	0.669	233.95
13.83	1.3	1.2	113.4	1.8	114.1	1.7	112.4	1.078	0.624	233.93
13.92	1.2	1.2	112.4	1.7	113.1	1.7	111.5	1.073	0.579	233.91
14.00	1.2	1.1	111.5	1.7	112.1	1.6	110.5	1.069	0.535	233.88
14.08	1.1	1.1	110.5	1.6	111.2	1.6	109.6	1.065	0.493	233.86
14.17	1.1	1.1	109.6	1.6	110.3	1.5	108.7	1.062	0.452	233.84
14.25	1.1	1.1	108.7	1.5	109.4	1.5	107.9	1.058	0.413	233.82
14.33	1.1	1.0	107.9	1.5	108.5	1.4	107.1	1.055	0.375	233.80
[illegible]	1.0	1.0	107.1	1.4	107.7	1.4	106.4	1.051	0.341	233.78

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
14.50	1.0	1.0	106.4	1.4	107.0	1.4	105.7	1.049	0.309	233.76
14.58	1.0	1.0	105.7	1.4	106.4	1.3	105.1	1.046	0.281	233.75
14.67	1.0	1.0	105.1	1.3	105.7	1.3	104.4	1.043	0.251	233.73
14.75	1.0	0.9	104.4	1.3	105.0	1.3	103.7	1.040	0.218	233.71
14.83	0.9	0.9	103.7	1.3	104.2	1.2	103.0	1.037	0.184	233.70
14.92	0.9	0.9	103.0	1.2	103.5	1.2	102.3	1.034	0.153	233.68
15.00	0.9	0.9	102.3	1.2	102.9	1.2	101.7	1.032	0.125	233.67
15.08	0.9	0.9	101.7	1.2	102.3	1.1	101.2	1.029	0.099	233.65
15.17	0.9	0.8	101.2	1.1	101.7	1.1	100.6	1.027	0.073	233.64
15.25	0.8	0.8	100.6	1.1	101.1	1.1	100.1	1.024	0.047	233.62
15.33	0.8	0.8	100.1	1.1	100.6	1.0	99.5	1.022	0.022	233.61
[illegible]	0.8	0.8	99.5	1.0	100.1	1.0	99.0	1.020	0.000	233.60
15.50	0.8	0.8	99.0	1.0	99.6	1.0	98.6	1.017	0.000	233.59
15.58	0.8	0.8	98.6	1.0	99.1	1.0	98.1	1.015	0.000	233.57
15.67	0.8	0.8	98.1	1.0	98.6	1.0	97.6	1.013	0.000	233.56
15.75	0.8	0.7	97.6	1.0	98.1	1.0	97.1	1.010	0.000	233.55
15.83	0.7	0.7	97.1	1.0	97.5	1.0	96.5	1.007	0.000	233.53
15.92	0.7	0.7	96.5	1.0	97.0	1.0	96.0	1.005	0.000	233.52
16.00	0.7	0.7	96.0	1.0	96.5	1.0	95.5	1.002	0.000	233.50
16.08	0.7	0.7	95.5	1.0	95.9	1.0	94.9	0.999	0.000	233.49
16.17	0.7	0.7	94.9	1.0	95.3	1.0	94.3	0.996	0.000	233.47
16.25	0.7	0.6	94.3	1.0	94.6	1.0	93.6	0.993	0.000	233.45
16.33	0.6	0.6	93.6	1.0	93.8	1.0	92.8	0.989	0.000	233.43
16.42	0.6	0.6	92.8	1.0	93.0	1.0	92.0	0.985	0.000	233.41
16.50	0.6	0.6	92.0	1.0	92.2	1.0	91.2	0.981	0.000	233.39
16.58	0.6	0.6	91.2	1.0	91.3	1.0	90.4	0.977	0.000	233.37
16.67	0.6	0.6	90.4	1.0	90.5	1.0	89.6	0.973	0.000	233.34
16.75	0.6	0.6	89.6	1.0	89.8	1.0	88.8	0.969	0.000	233.32
16.83	0.6	0.6	88.8	1.0	89.0	1.0	88.0	0.965	0.000	233.30
16.92	0.6	0.6	88.0	1.0	88.2	1.0	87.2	0.962	0.000	233.28
17.00	0.6	0.6	87.2	1.0	87.4	1.0	86.5	0.958	0.000	233.26
17.08	0.6	0.6	86.5	1.0	86.7	1.0	85.7	0.954	0.000	233.24
17.17	0.6	0.5	85.7	1.0	85.8	0.9	84.9	0.950	0.000	233.22
17.25	0.5	0.4	84.9	0.9	84.9	0.9	83.9	0.945	0.000	233.19
17.33	0.4	0.4	83.9	0.9	83.9	0.9	82.9	0.940	0.000	233.16
17.42	0.4	0.4	82.9	0.9	82.8	0.9	81.9	0.935	0.000	233.14
17	0.4	0.4	81.9	0.9	81.8	0.9	80.9	0.930	0.000	233.11

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
17.58	0.4	0.4	80.9	0.9	80.8	0.9	79.9	0.925	0.000	233.08
17.67	0.4	0.4	79.9	0.9	79.8	0.9	78.8	0.920	0.000	233.05
17.75	0.4	0.4	78.8	0.9	78.8	0.9	77.8	0.915	0.000	233.03
17.83	0.4	0.4	77.8	0.9	77.8	0.9	76.9	0.910	0.000	233.00
17.92	0.4	0.4	76.9	0.9	76.8	0.9	75.9	0.905	0.000	232.97
18.00	0.4	0.4	75.9	0.9	75.8	0.9	74.9	0.900	0.000	232.94
18.08	0.4	0.4	74.9	0.9	74.9	0.9	74.0	0.895	0.000	232.91
18.17	0.4	0.4	74.0	0.9	73.9	0.9	73.0	0.889	0.000	232.88
18.25	0.4	0.4	73.0	0.9	72.8	0.9	71.9	0.884	0.000	232.85
18.33	0.4	0.4	71.9	0.9	71.8	0.9	70.9	0.878	0.000	232.81
18.42	0.4	0.4	70.9	0.9	70.7	0.9	69.9	0.873	0.000	232.78
[illegible]	0.4	0.4	69.9	0.9	69.7	0.9	68.8	0.867	0.000	232.75
18.58	0.4	0.4	68.8	0.9	68.7	0.9	67.8	0.862	0.000	232.72
18.67	0.4	0.4	67.8	0.9	67.6	0.9	66.8	0.856	0.000	232.68
18.75	0.4	0.4	66.8	0.9	66.6	0.9	65.8	0.851	0.000	232.65
18.83	0.4	0.4	65.8	0.9	65.6	0.8	64.8	0.845	0.000	232.62
18.92	0.4	0.4	64.8	0.8	64.6	0.8	63.8	0.840	0.000	232.59
19.00	0.4	0.4	63.8	0.8	63.7	0.8	62.8	0.835	0.000	232.56
19.08	0.4	0.3	62.8	0.8	62.7	0.8	61.9	0.830	0.000	232.53
19.17	0.3	0.3	61.9	0.8	61.7	0.8	60.9	0.824	0.000	232.50
19.25	0.3	0.3	60.9	0.8	60.7	0.8	59.9	0.819	0.000	232.47
19.33	0.3	0.3	59.9	0.8	59.7	0.8	58.9	0.814	0.000	232.43
19.42	0.3	0.3	58.9	0.8	58.7	0.8	57.8	0.808	0.000	232.40
19.50	0.3	0.3	57.8	0.8	57.6	0.8	56.8	0.803	0.000	232.37
19.58	0.3	0.3	56.8	0.8	56.7	0.8	55.9	0.798	0.000	232.34
19.67	0.3	0.3	55.9	0.8	55.7	0.8	54.9	0.792	0.000	232.31
19.75	0.3	0.3	54.9	0.8	54.7	0.8	53.9	0.787	0.000	232.28
19.83	0.3	0.3	53.9	0.8	53.7	0.8	52.9	0.782	0.000	232.25
19.92	0.3	0.3	52.9	0.8	52.8	0.8	52.0	0.777	0.000	232.22
20.00	0.3	0.3	52.0	0.8	51.8	0.8	51.1	0.772	0.000	232.19
20.08	0.3	0.3	51.1	0.8	50.9	0.8	50.1	0.767	0.000	232.16
20.17	0.3	0.3	50.1	0.8	50.0	0.8	49.2	0.762	0.000	232.13
20.25	0.3	0.3	49.2	0.8	49.0	0.8	48.3	0.757	0.000	232.10
20.33	0.3	0.3	48.3	0.8	48.1	0.8	47.3	0.752	0.000	232.07
20.42	0.3	0.3	47.3	0.8	47.1	0.7	46.4	0.747	0.000	232.04
20.50	0.3	0.3	46.4	0.7	46.2	0.7	45.5	0.742	0.000	232.01
[illegible]	0.3	0.3	45.5	0.7	45.3	0.7	44.6	0.731	0.000	231.98

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
20.67	0.3	0.3	44.6	0.7	44.4	0.7	43.7	0.716	0.000	231.94
20.75	0.3	0.3	43.7	0.7	43.5	0.7	42.8	0.702	0.000	231.90
20.83	0.3	0.3	42.8	0.7	42.7	0.7	42.0	0.689	0.000	231.86
20.92	0.3	0.3	42.0	0.7	41.9	0.7	41.2	0.676	0.000	231.83
21.00	0.3	0.3	41.2	0.7	41.1	0.7	40.4	0.663	0.000	231.79
21.08	0.3	0.3	40.4	0.7	40.3	0.7	39.7	0.651	0.000	231.76
21.17	0.3	0.3	39.7	0.7	39.6	0.6	38.9	0.638	0.000	231.73
21.25	0.3	0.3	38.9	0.6	38.8	0.6	38.2	0.626	0.000	231.69
21.33	0.3	0.2	38.2	0.6	38.0	0.6	37.4	0.614	0.000	231.66
21.42	0.2	0.2	37.4	0.6	37.3	0.6	36.7	0.602	0.000	231.63
21.50	0.2	0.2	36.7	0.6	36.6	0.6	36.0	0.590	0.000	231.60
[illegible]	0.2	0.2	36.0	0.6	35.9	0.6	35.3	0.579	0.000	231.57
21.67	0.2	0.2	35.3	0.6	35.2	0.6	34.6	0.568	0.000	231.54
21.75	0.2	0.2	34.6	0.6	34.6	0.6	34.0	0.558	0.000	231.51
21.83	0.2	0.2	34.0	0.6	33.9	0.5	33.4	0.548	0.000	231.48
21.92	0.2	0.2	33.4	0.5	33.3	0.5	32.8	0.538	0.000	231.45
22.00	0.2	0.2	32.8	0.5	32.7	0.5	32.2	0.528	0.000	231.43
22.08	0.2	0.2	32.2	0.5	32.2	0.5	31.7	0.519	0.000	231.40
22.17	0.2	0.2	31.7	0.5	31.6	0.5	31.1	0.510	0.000	231.38
22.25	0.2	0.2	31.1	0.5	31.1	0.5	30.6	0.502	0.000	231.36
22.33	0.2	0.2	30.6	0.5	30.6	0.5	30.1	0.493	0.000	231.33
22.42	0.2	0.2	30.1	0.5	30.1	0.5	29.6	0.485	0.000	231.31
22.50	0.2	0.2	29.6	0.5	29.6	0.5	29.1	0.478	0.000	231.29
22.58	0.2	0.2	29.1	0.5	29.1	0.5	28.7	0.470	0.000	231.27
22.67	0.2	0.2	28.7	0.5	28.7	0.5	28.2	0.463	0.000	231.25
22.75	0.2	0.2	28.2	0.5	28.2	0.5	27.8	0.456	0.000	231.23
22.83	0.2	0.2	27.8	0.5	27.8	0.4	27.4	0.449	0.000	231.21
22.92	0.2	0.2	27.4	0.4	27.4	0.4	27.0	0.442	0.000	231.20
23.00	0.2	0.2	27.0	0.4	27.0	0.4	26.6	0.436	0.000	231.18
23.08	0.2	0.2	26.6	0.4	26.6	0.4	26.2	0.430	0.000	231.16
23.17	0.2	0.2	26.2	0.4	26.3	0.4	25.8	0.424	0.000	231.15
23.25	0.2	0.2	25.8	0.4	25.9	0.4	25.5	0.418	0.000	231.13
23.33	0.2	0.2	25.5	0.4	25.6	0.4	25.1	0.412	0.000	231.11
23.42	0.2	0.2	25.1	0.4	25.2	0.4	24.8	0.407	0.000	231.10
23.50	0.2	0.2	24.8	0.4	24.9	0.4	24.5	0.402	0.000	231.09
23.58	0.2	0.2	24.5	0.4	24.6	0.4	24.2	0.397	0.000	231.07
[illegible]	0.2	0.2	24.2	0.4	24.3	0.4	23.9	0.392	0.000	231.06

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
23.75	0.2	0.2	23.9	0.4	24.0	0.4	23.6	0.387	0.000	231.05
23.83	0.2	0.2	23.6	0.4	23.7	0.4	23.3	0.382	0.000	231.03
23.92	0.2	0.2	23.3	0.4	23.4	0.4	23.0	0.378	0.000	231.02
24.00	0.2	0.2	23.0	0.4	23.2	0.4	22.8	0.374	0.000	231.01
24.08	0.2	0.2	22.8	0.4	22.9	0.4	22.5	0.369	0.000	231.00
24.17	0.2	0.1	22.5	0.4	22.5	0.4	22.1	0.363	0.000	230.98
24.25	0.1	0.0	22.1	0.4	21.9	0.4	21.6	0.354	0.000	230.96
24.33	0.0	0.0	21.6	0.4	21.3	0.3	20.9	0.343	0.000	230.93
24.42	0.0	0.0	20.9	0.3	20.6	0.3	20.3	0.333	0.000	230.90
24.50	0.0	0.0	20.3	0.3	19.9	0.3	19.6	0.322	0.000	230.87
24.58	0.0	0.0	19.6	0.3	19.3	0.3	19.0	0.312	0.000	230.84
[illegible]	0.0	0.0	19.0	0.3	18.7	0.3	18.4	0.302	0.000	230.81
24.75	0.0	0.0	18.4	0.3	18.1	0.3	17.8	0.292	0.000	230.79
24.83	0.0	0.0	17.8	0.3	17.5	0.3	17.2	0.282	0.000	230.76
24.92	0.0	0.0	17.2	0.3	16.9	0.3	16.7	0.273	0.000	230.74
25.00	0.0	0.0	16.7	0.3	16.4	0.3	16.1	0.264	0.000	230.71
25.08	0.0	0.0	16.1	0.3	15.9	0.3	15.6	0.256	0.000	230.69
25.17	0.0	0.0	15.6	0.3	15.3	0.2	15.1	0.248	0.000	230.67
25.25	0.0	0.0	15.1	0.2	14.8	0.2	14.6	0.240	0.000	230.65
25.33	0.0	0.0	14.6	0.2	14.4	0.2	14.1	0.232	0.000	230.63
25.42	0.0	0.0	14.1	0.2	13.9	0.2	13.7	0.224	0.000	230.61
25.50	0.0	0.0	13.7	0.2	13.5	0.2	13.2	0.217	0.000	230.59
25.58	0.0	0.0	13.2	0.2	13.0	0.2	12.8	0.210	0.000	230.57
25.67	0.0	0.0	12.8	0.2	12.6	0.2	12.4	0.203	0.000	230.55
25.75	0.0	0.0	12.4	0.2	12.2	0.2	12.0	0.197	0.000	230.53
25.83	0.0	0.0	12.0	0.2	11.8	0.2	11.6	0.190	0.000	230.51
25.92	0.0	0.0	11.6	0.2	11.4	0.2	11.2	0.184	0.000	230.50
26.00	0.0	0.0	11.2	0.2	11.1	0.2	10.9	0.178	0.000	230.48
26.08	0.0	0.0	10.9	0.2	10.7	0.2	10.5	0.173	0.000	230.47
26.17	0.0	0.0	10.5	0.2	10.3	0.2	10.2	0.167	0.000	230.45
26.25	0.0	0.0	10.2	0.2	10.0	0.2	9.9	0.162	0.000	230.44
26.33	0.0	0.0	9.9	0.2	9.7	0.2	9.5	0.156	0.000	230.42
26.42	0.0	0.0	9.5	0.2	9.4	0.2	9.2	0.151	0.000	230.41
26.50	0.0	0.0	9.2	0.2	9.1	0.1	8.9	0.146	0.000	230.40
26.58	0.0	0.0	8.9	0.1	8.8	0.1	8.6	0.142	0.000	230.38
26.67	0.0	0.0	8.6	0.1	8.5	0.1	8.4	0.137	0.000	230.37
26.[illegible]	0.0	0.0	8.4	0.1	8.2	0.1	8.1	0.133	0.000	230.36

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POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
26.83	0.0	0.0	8.1	0.1	8.0	0.1	7.8	0.128	0.000	230.35
26.92	0.0	0.0	7.8	0.1	7.7	0.1	7.6	0.124	0.000	230.34
27.00	0.0	0.0	7.6	0.1	7.5	0.1	7.3	0.120	0.000	230.33
27.08	0.0	0.0	7.3	0.1	7.2	0.1	7.1	0.116	0.000	230.31
27.17	0.0	0.0	7.1	0.1	7.0	0.1	6.9	0.113	0.000	230.30
27.25	0.0	0.0	6.9	0.1	6.8	0.1	6.6	0.109	0.000	230.29
27.33	0.0	0.0	6.6	0.1	6.5	0.1	6.4	0.106	0.000	230.29
27.42	0.0	0.0	6.4	0.1	6.3	0.1	6.2	0.102	0.000	230.28
27.50	0.0	0.0	6.2	0.1	6.1	0.1	6.0	0.099	0.000	230.27
27.58	0.0	0.0	6.0	0.1	5.9	0.1	5.8	0.096	0.000	230.26
27.67	0.0	0.0	5.8	0.1	5.7	0.1	5.6	0.093	0.000	230.25
[illegible]	0.0	0.0	5.6	0.1	5.5	0.1	5.5	0.090	0.000	230.24
27.83	0.0	0.0	5.5	0.1	5.4	0.1	5.3	0.087	0.000	230.23
27.92	0.0	0.0	5.3	0.1	5.2	0.1	5.1	0.084	0.000	230.23
28.00	0.0	0.0	5.1	0.1	5.0	0.1	4.9	0.081	0.000	230.22
28.08	0.0	0.0	4.9	0.1	4.9	0.1	4.8	0.079	0.000	230.21
28.17	0.0	0.0	4.8	0.1	4.7	0.1	4.6	0.076	0.000	230.21
28.25	0.0	0.0	4.6	0.1	4.6	0.1	4.5	0.074	0.000	230.20
28.33	0.0	0.0	4.5	0.1	4.4	0.1	4.3	0.071	0.000	230.19
28.42	0.0	0.0	4.3	0.1	4.3	0.1	4.2	0.069	0.000	230.19
28.50	0.0	0.0	4.2	0.1	4.1	0.1	4.1	0.067	0.000	230.18
28.58	0.0	0.0	4.1	0.1	4.0	0.1	3.9	0.064	0.000	230.17
28.67	0.0	0.0	3.9	0.1	3.9	0.1	3.8	0.062	0.000	230.17
28.75	0.0	0.0	3.8	0.1	3.7	0.1	3.7	0.060	0.000	230.16
28.83	0.0	0.0	3.7	0.1	3.6	0.1	3.6	0.058	0.000	230.16
28.92	0.0	0.0	3.6	0.1	3.5	0.1	3.4	0.057	0.000	230.15
29.00	0.0	0.0	3.4	0.1	3.4	0.1	3.3	0.055	0.000	230.15
29.08	0.0	0.0	3.3	0.1	3.3	0.1	3.2	0.053	0.000	230.14
29.17	0.0	0.0	3.2	0.1	3.2	0.1	3.1	0.051	0.000	230.14
29.25	0.0	0.0	3.1	0.1	3.1	0.0	3.0	0.050	0.000	230.13

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
10 YEAR STORM FREQUENCY (CONT'D)

TIME TO PEAK	=	12.50	HOURS
MAXIMUM DISCHARGE	=	5.694	C.F.S.
MAXIMUM STORAGE	=	21,919.6	CU.FT.
MAXIMUM ELEVATION	=	234.67	FEET
INFLOW VOLUME	=	56,130.6	CU.FT.
DISCHARGE VOLUME	=	14,199.8	CU.FT.
MAXIMUM PERC.	=	1.225	C.F.S.
PERC. VOLUME	=	41,930.8	CU.FT.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA B1	
BASIN DISCHARGES INTO		INFILTRATION BASIN	
BASIN AREA	=	5.42	ACRES
BASIN CURVE NUMBER	=	79.58	
24-HOUR PRECIPITATION	=	6.00	INCHES
24-HOUR RUNOFF	=	3.74	INCHES
AVERAGE BASIN SLOPE	=	6.20	%
HYDRAULIC LENGTH	=	886.00	FEET
BASIN LAG ,(Tc)	=	0.12	HOURS , 0.20 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	6.42	0.0	6.50	0.0	6.58	0.0
6.67	0.0	6.75	0.0	6.83	0.0	6.92	0.0
7.00	0.0	7.08	0.0	7.17	0.0	7.25	0.0
7.33	0.0	7.42	0.0	7.50	0.0	7.58	0.0
7.67	0.1	7.75	0.1	7.83	0.1	7.92	0.1
8.00	0.1	8.08	0.1	8.17	0.1	8.25	0.1
8.33	0.1	8.42	0.1	8.50	0.2	8.58	0.2
8.67	0.2	8.75	0.2	8.83	0.2	8.92	0.3
9.00	0.3	9.08	0.3	9.17	0.3	9.25	0.3
9.33	0.3	9.42	0.3	9.50	0.3	9.58	0.4
9.67	0.4	9.75	0.4	9.83	0.4	9.92	0.5
10.00	0.5	10.08	0.5	10.17	0.5	10.25	0.6
10.33	0.6	10.42	0.7	10.50	0.7	10.58	0.7
10.67	0.8	10.75	0.8	10.83	0.9	10.92	1.0
11.00	1.1	11.08	1.2	11.17	1.2	11.25	1.3
11.33	1.4	11.42	1.6	11.50	1.8	11.58	2.0
11.67	2.3	11.75	2.7	11.83	4.2	11.92	6.9
12.00	10.8	12.08	15.7	12.17	18.7	12.25	17.5
12.33	13.9	12.42	10.0	12.50	6.5	12.58	4.6
12.67	3.8	12.75	3.3	12.83	3.0	12.92	2.7
13.00	2.5	13.08	2.3	13.17	2.1	13.25	2.1
13.33	2.0	13.42	1.9	13.50	1.9	13.58	1.8
13.67	1.6	13.75	1.6	13.83	1.6	13.92	1.5
14.00	1.4	14.08	1.4	14.17	1.4	14.25	1.3
14.33	1.3	14.42	1.3	14.50	1.3	14.58	1.3

LAWRENCE J. PAGGI, P.E.,P.C.
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OCTOBER 21, 2010

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
14.67	1.2	14.75	1.1	14.83	1.1	14.92	1.1
15.00	1.1	15.08	1.1	15.17	1.0	15.25	1.0
15.33	1.0	15.42	1.0	15.50	1.0	15.58	1.0
15.67	0.9	15.75	0.9	15.83	0.9	15.92	0.9
16.00	0.9	16.08	0.9	16.17	0.8	16.25	0.8
16.33	0.7	16.42	0.7	16.50	0.7	16.58	0.7
16.67	0.7	16.75	0.7	16.83	0.7	16.92	0.7
17.00	0.7	17.08	0.7	17.17	0.6	17.25	0.6
17.33	0.5	17.42	0.5	17.50	0.5	17.58	0.5
17.67	0.5	17.75	0.5	17.83	0.5	17.92	0.5
18.00	0.5	18.08	0.5	18.17	0.5	18.25	0.5
18.33	0.4	18.42	0.4	18.50	0.4	18.58	0.4
18.67	0.4	18.75	0.4	18.83	0.4	18.92	0.4
.00	0.4	19.08	0.4	19.17	0.4	19.25	0.4
19.33	0.4	19.42	0.4	19.50	0.4	19.58	0.4
19.67	0.4	19.75	0.4	19.83	0.4	19.92	0.4
20.00	0.4	20.08	0.4	20.17	0.4	20.25	0.4
20.33	0.4	20.42	0.4	20.50	0.4	20.58	0.4
20.67	0.4	20.75	0.4	20.83	0.4	20.92	0.4
21.00	0.4	21.08	0.3	21.17	0.3	21.25	0.3
21.33	0.3	21.42	0.3	21.50	0.3	21.58	0.3
21.67	0.3	21.75	0.3	21.83	0.3	21.92	0.3
22.00	0.3	22.08	0.3	22.17	0.3	22.25	0.3
22.33	0.3	22.42	0.3	22.50	0.3	22.58	0.3
22.67	0.3	22.75	0.3	22.83	0.3	22.92	0.3
23.00	0.3	23.08	0.3	23.17	0.3	23.25	0.3
23.33	0.3	23.42	0.3	23.50	0.3	23.58	0.3
23.67	0.3	23.75	0.3	23.83	0.3	23.92	0.3
24.00	0.3	24.08	0.3	24.17	0.2	24.25	0.1
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 18.71 C.F.S.

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HYDROLOGIC REPORT FOR

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER INFILTRATION BASIN

1 =
2 = 12 INCH CIRCULAR ORIFICE - INVERT 233.6
3 = 12 INCH CIRCULAR ORIFICE - INVERT 234

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)	PERCOLATION (CFS)
230.00	0.0	0.000	0.0	0.00000
232.00	6766.0	0.740	45.8	0.74000
233.00	11524.5	0.910	77.7	0.91000
233.60	14860.5	1.020	100.1	1.02000
234.00	17295.3	1.849	117.2	1.09000
235.00	24152.8	7.552	168.6	1.29000
235.50	28001.3	9.646	196.3	1.39000
236.00	32140.3	11.334	225.6	1.49000
236.50	36576.8	12.797	256.6	1.59000

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
7.67	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.001	0.000	230.00
7.75	0.1	0.1	0.1	0.0	0.2	0.0	0.2	0.003	0.000	230.01
7.83	0.1	0.1	0.2	0.0	0.3	0.0	0.3	0.005	0.000	230.01
7.92	0.1	0.1	0.3	0.0	0.5	0.0	0.5	0.008	0.000	230.02
8.00	0.1	0.1	0.5	0.0	0.7	0.0	0.7	0.011	0.000	230.03
8.08	0.1	0.1	0.7	0.0	0.9	0.0	0.8	0.014	0.000	230.04
8.17	0.1	0.1	0.8	0.0	1.1	0.0	1.0	0.017	0.000	230.05
8.25	0.1	0.1	1.0	0.0	1.3	0.0	1.3	0.021	0.000	230.06
8.33	0.1	0.1	1.3	0.0	1.5	0.0	1.5	0.024	0.000	230.07
8.42	0.1	0.1	1.5	0.0	1.7	0.0	1.7	0.028	0.000	230.08
[illegible]	0.1	0.2	1.7	0.0	2.0	0.0	2.0	0.032	0.000	230.09
8.58	0.2	0.2	2.0	0.0	2.3	0.0	2.2	0.036	0.000	230.10
8.67	0.2	0.2	2.2	0.0	2.6	0.0	2.5	0.041	0.000	230.11
8.75	0.2	0.2	2.5	0.0	2.9	0.0	2.8	0.047	0.000	230.13
8.83	0.2	0.2	2.8	0.0	3.3	0.1	3.2	0.053	0.000	230.14
8.92	0.2	0.3	3.2	0.1	3.6	0.1	3.6	0.059	0.000	230.16
9.00	0.3	0.3	3.6	0.1	4.0	0.1	4.0	0.065	0.000	230.18
9.08	0.3	0.3	4.0	0.1	4.5	0.1	4.4	0.072	0.000	230.19
9.17	0.3	0.3	4.4	0.1	4.9	0.1	4.8	0.079	0.000	230.21
9.25	0.3	0.3	4.8	0.1	5.3	0.1	5.2	0.086	0.000	230.23
9.33	0.3	0.3	5.2	0.1	5.8	0.1	5.7	0.093	0.000	230.25
9.42	0.3	0.3	5.7	0.1	6.2	0.1	6.1	0.100	0.000	230.27
9.50	0.3	0.3	6.1	0.1	6.7	0.1	6.6	0.108	0.000	230.29
9.58	0.3	0.4	6.6	0.1	7.1	0.1	7.0	0.115	0.000	230.31
9.67	0.4	0.4	7.0	0.1	7.6	0.1	7.5	0.123	0.000	230.33
9.75	0.4	0.4	7.5	0.1	8.2	0.1	8.1	0.133	0.000	230.36
9.83	0.4	0.4	8.1	0.1	8.8	0.1	8.7	0.142	0.000	230.38
9.92	0.4	0.5	8.7	0.1	9.4	0.2	9.3	0.152	0.000	230.41
10.00	0.5	0.5	9.3	0.2	10.1	0.2	9.9	0.163	0.000	230.44
10.08	0.5	0.5	9.9	0.2	10.7	0.2	10.6	0.173	0.000	230.47
10.17	0.5	0.5	10.6	0.2	11.4	0.2	11.2	0.184	0.000	230.50
10.25	0.5	0.6	11.2	0.2	12.2	0.2	12.0	0.197	0.000	230.53
10.33	0.6	0.6	12.0	0.2	13.0	0.2	12.8	0.210	0.000	230.57
10.42	0.6	0.7	12.8	0.2	13.9	0.2	13.7	0.225	0.000	230.61
10.50	0.7	0.7	13.7	0.2	14.8	0.2	14.6	0.240	0.000	230.65
[illegible]	0.7	0.7	14.6	0.2	15.8	0.3	15.5	0.255	0.000	230.69
[illegible]	0.7	0.8	15.5	0.3	16.8	0.3	16.6	0.272	0.000	230.73

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
10.75	0.8	0.8	16.6	0.3	17.9	0.3	17.6	0.289	0.000	230.78
10.83	0.8	0.9	17.6	0.3	19.1	0.3	18.7	0.308	0.000	230.83
10.92	0.9	1.0	18.7	0.3	20.3	0.3	20.0	0.328	0.000	230.89
11.00	1.0	1.1	20.0	0.3	21.7	0.3	21.3	0.350	0.000	230.95
11.08	1.1	1.2	21.3	0.3	23.2	0.4	22.8	0.374	0.000	231.01
11.17	1.2	1.2	22.8	0.4	24.8	0.4	24.4	0.401	0.000	231.08
11.25	1.2	1.3	24.4	0.4	26.5	0.4	26.1	0.428	0.000	231.16
11.33	1.3	1.4	26.1	0.4	28.4	0.5	27.9	0.458	0.000	231.24
11.42	1.4	1.6	27.9	0.5	30.5	0.5	30.0	0.492	0.000	231.33
11.50	1.6	1.8	30.0	0.5	32.9	0.5	32.4	0.532	0.000	231.44
11.58	1.8	2.0	32.4	0.5	35.6	0.6	35.1	0.575	0.000	231.56
[illegible]	2.0	2.3	35.1	0.6	38.7	0.6	38.1	0.625	0.000	231.69
11.75	2.3	2.7	38.1	0.6	42.5	0.7	41.8	0.686	0.000	231.85
11.83	2.7	4.2	41.8	0.7	48.1	0.8	47.3	0.752	0.000	232.07
11.92	4.2	6.9	47.3	0.8	57.6	0.8	56.8	0.803	0.000	232.37
12.00	6.9	10.8	56.8	0.8	73.7	0.9	72.8	0.888	0.000	232.87
12.08	10.8	15.7	72.8	0.9	98.4	1.0	97.4	1.012	0.000	233.55
12.17	15.7	18.7	97.4	1.0	130.8	3.4	127.4	1.143	2.217	234.26
12.25	18.7	17.5	127.4	3.4	160.2	6.6	153.6	1.258	5.368	234.84
12.33	17.5	13.9	153.6	6.6	178.3	8.3	170.0	1.325	6.962	235.18
12.42	13.9	10.0	170.0	8.3	185.6	8.8	176.8	1.351	7.486	235.31
12.50	10.0	6.5	176.8	8.8	184.4	8.7	175.7	1.347	7.402	235.29
12.58	6.5	4.6	175.7	8.7	178.1	8.3	169.8	1.324	6.947	235.17
12.67	4.6	3.8	169.8	8.3	170.0	7.7	162.3	1.295	6.364	235.03
12.75	3.8	3.3	162.3	7.7	161.8	6.8	155.0	1.264	5.537	234.87
12.83	3.3	3.0	155.0	6.8	154.5	6.0	148.5	1.235	4.755	234.73
12.92	3.0	2.7	148.5	6.0	148.1	5.3	142.8	1.211	4.075	234.60
13.00	2.7	2.5	142.8	5.3	142.7	4.7	138.0	1.190	3.497	234.50
13.08	2.5	2.3	138.0	4.7	138.2	4.2	134.0	1.172	3.011	234.41
13.17	2.3	2.1	134.0	4.2	134.3	3.8	130.5	1.157	2.594	234.33
13.25	2.1	2.1	130.5	3.8	131.0	3.4	127.7	1.144	2.246	234.27
13.33	2.1	2.0	127.7	3.4	128.4	3.1	125.3	1.134	1.963	234.22
13.42	2.0	1.9	125.3	3.1	126.1	2.8	123.3	1.125	1.717	234.17
13.50	1.9	1.9	123.3	2.8	124.2	2.6	121.5	1.117	1.510	234.14
13.58	1.9	1.8	121.5	2.6	122.5	2.4	120.1	1.111	1.336	234.10
13.67	1.8	1.6	120.1	2.4	121.0	2.3	118.7	1.105	1.170	234.07
[illegible]	1.6	1.6	118.7	2.3	119.6	2.1	117.5	1.100	1.022	234.05

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
13.83	1.6	1.6	117.5	2.1	118.5	2.0	116.5	1.095	0.904	234.03
13.92	1.6	1.5	116.5	2.0	117.5	1.9	115.6	1.091	0.800	234.01
14.00	1.5	1.4	115.6	1.9	116.7	1.8	114.8	1.088	0.737	233.99
14.08	1.4	1.4	114.8	1.8	115.8	1.8	114.1	1.085	0.701	233.97
14.17	1.4	1.4	114.1	1.8	115.0	1.7	113.3	1.081	0.665	233.95
14.25	1.4	1.3	113.3	1.7	114.2	1.7	112.5	1.078	0.629	233.93
14.33	1.3	1.3	112.5	1.7	113.5	1.7	111.8	1.075	0.595	233.91
14.42	1.3	1.3	111.8	1.7	112.7	1.6	111.1	1.072	0.563	233.90
14.50	1.3	1.3	111.1	1.6	112.1	1.6	110.5	1.069	0.533	233.88
14.58	1.3	1.3	110.5	1.6	111.5	1.6	109.9	1.067	0.506	233.87
[illegible]	1.3	1.2	109.9	1.6	110.8	1.5	109.3	1.064	0.477	233.85
[illegible]	1.2	1.1	109.3	1.5	110.0	1.5	108.5	1.061	0.443	233.83
14.83	1.1	1.1	108.5	1.5	109.3	1.5	107.8	1.058	0.408	233.81
14.92	1.1	1.1	107.8	1.5	108.5	1.4	107.1	1.055	0.375	233.80
15.00	1.1	1.1	107.1	1.4	107.8	1.4	106.4	1.052	0.344	233.78
15.08	1.1	1.1	106.4	1.4	107.2	1.4	105.8	1.049	0.316	233.77
15.17	1.1	1.0	105.8	1.4	106.6	1.3	105.2	1.047	0.288	233.75
15.25	1.0	1.0	105.2	1.3	105.9	1.3	104.6	1.044	0.260	233.74
15.33	1.0	1.0	104.6	1.3	105.3	1.3	104.0	1.041	0.231	233.72
15.42	1.0	1.0	104.0	1.3	104.7	1.2	103.5	1.039	0.205	233.71
15.50	1.0	1.0	103.5	1.2	104.2	1.2	103.0	1.037	0.181	233.70
15.58	1.0	1.0	103.0	1.2	103.7	1.2	102.5	1.035	0.160	233.68
15.67	1.0	0.9	102.5	1.2	103.2	1.2	102.0	1.033	0.139	233.67
15.75	0.9	0.9	102.0	1.2	102.7	1.1	101.6	1.031	0.118	233.66
15.83	0.9	0.9	101.6	1.1	102.3	1.1	101.2	1.029	0.098	233.65
15.92	0.9	0.9	101.2	1.1	101.9	1.1	100.8	1.027	0.080	233.64
16.00	0.9	0.9	100.8	1.1	101.5	1.1	100.4	1.026	0.064	233.63
16.08	0.9	0.9	100.4	1.1	101.2	1.1	100.1	1.024	0.048	233.63
16.17	0.9	0.8	100.1	1.1	100.7	1.1	99.7	1.023	0.029	233.62
16.25	0.8	0.8	99.7	1.1	100.2	1.0	99.2	1.021	0.006	233.60
16.33	0.8	0.7	99.2	1.0	99.7	1.0	98.6	1.018	0.000	233.59
16.42	0.7	0.7	98.6	1.0	99.1	1.0	98.1	1.015	0.000	233.57
16.50	0.7	0.7	98.1	1.0	98.5	1.0	97.5	1.012	0.000	233.56
16.58	0.7	0.7	97.5	1.0	97.9	1.0	96.9	1.009	0.000	233.54
16.67	0.7	0.7	96.9	1.0	97.3	1.0	96.3	1.007	0.000	233.53
16.75	0.7	0.7	96.3	1.0	96.8	1.0	95.8	1.004	0.000	233.51
[illegible]	0.7	0.7	95.8	1.0	96.2	1.0	95.2	1.001	0.000	233.50

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
16.92	0.7	0.7	95.2	1.0	95.7	1.0	94.7	0.998	0.000	233.48
17.00	0.7	0.7	94.7	1.0	95.1	1.0	94.1	0.996	0.000	233.47
17.08	0.7	0.7	94.1	1.0	94.6	1.0	93.6	0.993	0.000	233.45
17.17	0.7	0.6	93.6	1.0	93.9	1.0	92.9	0.990	0.000	233.43
17.25	0.6	0.6	92.9	1.0	93.1	1.0	92.1	0.986	0.000	233.41
17.33	0.6	0.5	92.1	1.0	92.2	1.0	91.2	0.981	0.000	233.39
17.42	0.5	0.5	91.2	1.0	91.3	1.0	90.3	0.977	0.000	233.36
17.50	0.5	0.5	90.3	1.0	90.4	1.0	89.4	0.972	0.000	233.34
17.58	0.5	0.5	89.4	1.0	89.5	1.0	88.5	0.968	0.000	233.32
17.67	0.5	0.5	88.5	1.0	88.6	1.0	87.7	0.964	0.000	233.29
[illegible]	0.5	0.5	87.7	1.0	87.7	1.0	86.8	0.959	0.000	233.27
[illegible]	0.5	0.5	86.8	1.0	86.9	1.0	85.9	0.955	0.000	233.25
17.92	0.5	0.5	85.9	1.0	86.0	1.0	85.1	0.951	0.000	233.22
18.00	0.5	0.5	85.1	1.0	85.2	0.9	84.2	0.946	0.000	233.20
18.08	0.5	0.5	84.2	0.9	84.3	0.9	83.4	0.942	0.000	233.18
18.17	0.5	0.5	83.4	0.9	83.4	0.9	82.5	0.938	0.000	233.15
18.25	0.5	0.5	82.5	0.9	82.5	0.9	81.5	0.933	0.000	233.13
18.33	0.5	0.4	81.5	0.9	81.5	0.9	80.6	0.928	0.000	233.10
18.42	0.4	0.4	80.6	0.9	80.5	0.9	79.6	0.924	0.000	233.07
18.50	0.4	0.4	79.6	0.9	79.5	0.9	78.6	0.919	0.000	233.05
18.58	0.4	0.4	78.6	0.9	78.6	0.9	77.7	0.914	0.000	233.02
18.67	0.4	0.4	77.7	0.9	77.6	0.9	76.7	0.909	0.000	233.00
18.75	0.4	0.4	76.7	0.9	76.7	0.9	75.8	0.904	0.000	232.97
18.83	0.4	0.4	75.8	0.9	75.8	0.9	74.9	0.899	0.000	232.94
18.92	0.4	0.4	74.9	0.9	74.8	0.9	73.9	0.894	0.000	232.91
19.00	0.4	0.4	73.9	0.9	73.9	0.9	73.0	0.890	0.000	232.88
19.08	0.4	0.4	73.0	0.9	73.0	0.9	72.1	0.885	0.000	232.85
19.17	0.4	0.4	72.1	0.9	72.1	0.9	71.2	0.880	0.000	232.82
19.25	0.4	0.4	71.2	0.9	71.1	0.9	70.2	0.875	0.000	232.79
19.33	0.4	0.4	70.2	0.9	70.1	0.9	69.3	0.869	0.000	232.76
19.42	0.4	0.4	69.3	0.9	69.2	0.9	68.3	0.864	0.000	232.73
19.50	0.4	0.4	68.3	0.9	68.2	0.9	67.3	0.859	0.000	232.70
19.58	0.4	0.4	67.3	0.9	67.2	0.9	66.4	0.854	0.000	232.67
19.67	0.4	0.4	66.4	0.9	66.3	0.8	65.4	0.849	0.000	232.64
19.75	0.4	0.4	65.4	0.8	65.3	0.8	64.5	0.844	0.000	232.61
19.83	0.4	0.4	64.5	0.8	64.4	0.8	63.6	0.839	0.000	232.58
[illegible]	0.4	0.4	63.6	0.8	63.5	0.8	62.7	0.834	0.000	232.55

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HYDROLOGIC REPORT FOR

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
20.00	0.4	0.4	62.7	0.8	62.6	0.8	61.8	0.829	0.000	232.53
20.08	0.4	0.4	61.8	0.8	61.7	0.8	60.9	0.824	0.000	232.50
20.17	0.4	0.4	60.9	0.8	60.8	0.8	60.0	0.820	0.000	232.47
20.25	0.4	0.4	60.0	0.8	59.9	0.8	59.1	0.815	0.000	232.44
20.33	0.4	0.4	59.1	0.8	58.9	0.8	58.1	0.810	0.000	232.41
20.42	0.4	0.4	58.1	0.8	58.0	0.8	57.2	0.805	0.000	232.38
20.50	0.4	0.4	57.2	0.8	57.1	0.8	56.3	0.800	0.000	232.35
20.58	0.4	0.4	56.3	0.8	56.2	0.8	55.4	0.795	0.000	232.33
20.67	0.4	0.4	55.4	0.8	55.3	0.8	54.6	0.791	0.000	232.30
20.75	0.4	0.4	54.6	0.8	54.5	0.8	53.7	0.786	0.000	232.27
2[illegible]	0.4	0.4	53.7	0.8	53.6	0.8	52.8	0.781	0.000	232.24
2[illegible]	0.4	0.4	52.8	0.8	52.7	0.8	52.0	0.777	0.000	232.22
21.00	0.4	0.4	52.0	0.8	51.9	0.8	51.1	0.772	0.000	232.19
21.08	0.4	0.3	51.1	0.8	51.0	0.8	50.3	0.768	0.000	232.16
21.17	0.3	0.3	50.3	0.8	50.2	0.8	49.4	0.763	0.000	232.14
21.25	0.3	0.3	49.4	0.8	49.3	0.8	48.5	0.758	0.000	232.11
21.33	0.3	0.3	48.5	0.8	48.4	0.8	47.6	0.754	0.000	232.08
21.42	0.3	0.3	47.6	0.8	47.5	0.7	46.7	0.749	0.000	232.05
21.50	0.3	0.3	46.7	0.7	46.6	0.7	45.9	0.744	0.000	232.02
21.58	0.3	0.3	45.9	0.7	45.7	0.7	45.0	0.738	0.000	231.99
21.67	0.3	0.3	45.0	0.7	44.9	0.7	44.1	0.724	0.000	231.96
21.75	0.3	0.3	44.1	0.7	44.0	0.7	43.3	0.710	0.000	231.92
21.83	0.3	0.3	43.3	0.7	43.2	0.7	42.5	0.697	0.000	231.88
21.92	0.3	0.3	42.5	0.7	42.4	0.7	41.7	0.685	0.000	231.85
22.00	0.3	0.3	41.7	0.7	41.6	0.7	41.0	0.672	0.000	231.82
22.08	0.3	0.3	41.0	0.7	40.9	0.7	40.2	0.660	0.000	231.78
22.17	0.3	0.3	40.2	0.7	40.2	0.6	39.5	0.649	0.000	231.75
22.25	0.3	0.3	39.5	0.6	39.5	0.6	38.9	0.638	0.000	231.72
22.33	0.3	0.3	38.9	0.6	38.8	0.6	38.2	0.627	0.000	231.69
22.42	0.3	0.3	38.2	0.6	38.2	0.6	37.6	0.616	0.000	231.67
2.50	0.3	0.3	37.6	0.6	37.6	0.6	37.0	0.606	0.000	231.64
2.58	0.3	0.3	37.0	0.6	37.0	0.6	36.4	0.597	0.000	231.61
2.67	0.3	0.3	36.4	0.6	36.4	0.6	35.8	0.587	0.000	231.59
2.75	0.3	0.3	35.8	0.6	35.8	0.6	35.2	0.578	0.000	231.56
2.83	0.3	0.3	35.2	0.6	35.3	0.6	34.7	0.569	0.000	231.54
2.92	0.3	0.3	34.7	0.6	34.7	0.6	34.2	0.561	0.000	231.51
[illegible]	0.3	0.3	34.2	0.6	34.2	0.6	33.7	0.552	0.000	231.49

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25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
23.08	0.3	0.3	33.7	0.6	33.7	0.5	33.2	0.544	0.000	231.47
23.17	0.3	0.3	33.2	0.5	33.2	0.5	32.7	0.536	0.000	231.45
23.25	0.3	0.3	32.7	0.5	32.8	0.5	32.2	0.529	0.000	231.43
23.33	0.3	0.3	32.2	0.5	32.3	0.5	31.8	0.522	0.000	231.41
23.42	0.3	0.3	31.8	0.5	31.9	0.5	31.4	0.515	0.000	231.39
23.50	0.3	0.3	31.4	0.5	31.5	0.5	31.0	0.508	0.000	231.37
23.58	0.3	0.3	31.0	0.5	31.1	0.5	30.6	0.501	0.000	231.35
23.67	0.3	0.3	30.6	0.5	30.7	0.5	30.2	0.495	0.000	231.34
23.75	0.3	0.3	30.2	0.5	30.3	0.5	29.8	0.489	0.000	231.32
23.83	0.3	0.3	29.8	0.5	29.9	0.5	29.4	0.483	0.000	231.31
[illegible]	0.3	0.3	29.4	0.5	29.6	0.5	29.1	0.477	0.000	231.29
[illegible]	0.3	0.3	29.1	0.5	29.2	0.5	28.7	0.472	0.000	231.27
24.08	0.3	0.3	28.7	0.5	28.9	0.5	28.4	0.466	0.000	231.26
24.17	0.3	0.2	28.4	0.5	28.3	0.5	27.9	0.458	0.000	231.24
24.25	0.2	0.1	27.9	0.5	27.6	0.4	27.2	0.446	0.000	231.21
24.33	0.1	0.0	27.2	0.4	26.8	0.4	26.4	0.433	0.000	231.17
24.42	0.0	0.0	26.4	0.4	26.0	0.4	25.6	0.419	0.000	231.13
24.50	0.0	0.0	25.6	0.4	25.1	0.4	24.7	0.406	0.000	231.10
24.58	0.0	0.0	24.7	0.4	24.3	0.4	23.9	0.393	0.000	231.06
24.67	0.0	0.0	23.9	0.4	23.6	0.4	23.2	0.380	0.000	231.03
24.75	0.0	0.0	23.2	0.4	22.8	0.4	22.4	0.368	0.000	230.99
24.83	0.0	0.0	22.4	0.4	22.1	0.4	21.7	0.356	0.000	230.96
24.92	0.0	0.0	21.7	0.4	21.3	0.3	21.0	0.345	0.000	230.93
25.00	0.0	0.0	21.0	0.3	20.7	0.3	20.3	0.333	0.000	230.90
25.08	0.0	0.0	20.3	0.3	20.0	0.3	19.7	0.323	0.000	230.87
25.17	0.0	0.0	19.7	0.3	19.3	0.3	19.0	0.312	0.000	230.84
25.25	0.0	0.0	19.0	0.3	18.7	0.3	18.4	0.302	0.000	230.82
25.33	0.0	0.0	18.4	0.3	18.1	0.3	17.8	0.292	0.000	230.79
25.42	0.0	0.0	17.8	0.3	17.5	0.3	17.2	0.283	0.000	230.76
25.50	0.0	0.0	17.2	0.3	17.0	0.3	16.7	0.274	0.000	230.74
25.58	0.0	0.0	16.7	0.3	16.4	0.3	16.2	0.265	0.000	230.72
25.67	0.0	0.0	16.2	0.3	15.9	0.3	15.6	0.256	0.000	230.69
25.75	0.0	0.0	15.6	0.3	15.4	0.2	15.1	0.248	0.000	230.67
25.83	0.0	0.0	15.1	0.2	14.9	0.2	14.6	0.240	0.000	230.65
25.92	0.0	0.0	14.6	0.2	14.4	0.2	14.2	0.232	0.000	230.63
26.00	0.0	0.0	14.2	0.2	13.9	0.2	13.7	0.225	0.000	230.61
[illegible]	0.0	0.0	13.7	0.2	13.5	0.2	13.3	0.218	0.000	230.59

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
26.17	0.0	0.0	13.3	0.2	13.0	0.2	12.8	0.211	0.000	230.57
26.25	0.0	0.0	12.8	0.2	12.6	0.2	12.4	0.204	0.000	230.55
26.33	0.0	0.0	12.4	0.2	12.2	0.2	12.0	0.197	0.000	230.53
26.42	0.0	0.0	12.0	0.2	11.8	0.2	11.6	0.191	0.000	230.52
26.50	0.0	0.0	11.6	0.2	11.4	0.2	11.3	0.185	0.000	230.50
26.58	0.0	0.0	11.3	0.2	11.1	0.2	10.9	0.179	0.000	230.48
26.67	0.0	0.0	10.9	0.2	10.7	0.2	10.5	0.173	0.000	230.47
26.75	0.0	0.0	10.5	0.2	10.4	0.2	10.2	0.167	0.000	230.45
26.83	0.0	0.0	10.2	0.2	10.0	0.2	9.9	0.162	0.000	230.44
26.92	0.0	0.0	9.9	0.2	9.7	0.2	9.6	0.157	0.000	230.42
2[illegible]	0.0	0.0	9.6	0.2	9.4	0.2	9.2	0.152	0.000	230.41
2[illegible]	0.0	0.0	9.2	0.2	9.1	0.1	8.9	0.147	0.000	230.40
27.17	0.0	0.0	8.9	0.1	8.8	0.1	8.7	0.142	0.000	230.38
27.25	0.0	0.0	8.7	0.1	8.5	0.1	8.4	0.137	0.000	230.37
27.33	0.0	0.0	8.4	0.1	8.2	0.1	8.1	0.133	0.000	230.36
27.42	0.0	0.0	8.1	0.1	8.0	0.1	7.8	0.129	0.000	230.35
27.50	0.0	0.0	7.8	0.1	7.7	0.1	7.6	0.125	0.000	230.34
27.58	0.0	0.0	7.6	0.1	7.5	0.1	7.3	0.121	0.000	230.33
27.67	0.0	0.0	7.3	0.1	7.2	0.1	7.1	0.117	0.000	230.32
27.75	0.0	0.0	7.1	0.1	7.0	0.1	6.9	0.113	0.000	230.31
27.83	0.0	0.0	6.9	0.1	6.8	0.1	6.7	0.109	0.000	230.30
27.92	0.0	0.0	6.7	0.1	6.6	0.1	6.4	0.106	0.000	230.29
28.00	0.0	0.0	6.4	0.1	6.3	0.1	6.2	0.102	0.000	230.28
28.08	0.0	0.0	6.2	0.1	6.1	0.1	6.0	0.099	0.000	230.27
28.17	0.0	0.0	6.0	0.1	5.9	0.1	5.8	0.096	0.000	230.26
28.25	0.0	0.0	5.8	0.1	5.7	0.1	5.7	0.093	0.000	230.25
28.33	0.0	0.0	5.7	0.1	5.6	0.1	5.5	0.090	0.000	230.24
28.42	0.0	0.0	5.5	0.1	5.4	0.1	5.3	0.087	0.000	230.23
28.50	0.0	0.0	5.3	0.1	5.2	0.1	5.1	0.084	0.000	230.23
28.58	0.0	0.0	5.1	0.1	5.0	0.1	5.0	0.081	0.000	230.22
28.67	0.0	0.0	5.0	0.1	4.9	0.1	4.8	0.079	0.000	230.21
28.75	0.0	0.0	4.8	0.1	4.7	0.1	4.6	0.076	0.000	230.21
28.83	0.0	0.0	4.6	0.1	4.6	0.1	4.5	0.074	0.000	230.20
28.92	0.0	0.0	4.5	0.1	4.4	0.1	4.3	0.071	0.000	230.19
29.00	0.0	0.0	4.3	0.1	4.3	0.1	4.2	0.069	0.000	230.19
29.08	0.0	0.0	4.2	0.1	4.1	0.1	4.1	0.067	0.000	230.18
[illegible]	0.0	0.0	4.1	0.1	4.0	0.1	3.9	0.065	0.000	230.17

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POND IDENTIFIER INFILTRATION BASIN
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
29.25	0.0	0.0	3.9	0.1	3.9	0.1	3.8	0.063	0.000	230.17
29.33	0.0	0.0	3.8	0.1	3.7	0.1	3.7	0.061	0.000	230.16
29.42	0.0	0.0	3.7	0.1	3.6	0.1	3.6	0.059	0.000	230.16
29.50	0.0	0.0	3.6	0.1	3.5	0.1	3.5	0.057	0.000	230.15
29.58	0.0	0.0	3.5	0.1	3.4	0.1	3.3	0.055	0.000	230.15
29.67	0.0	0.0	3.3	0.1	3.3	0.1	3.2	0.053	0.000	230.14
29.75	0.0	0.0	3.2	0.1	3.2	0.1	3.1	0.051	0.000	230.14
29.83	0.0	0.0	3.1	0.1	3.1	0.0	3.0	0.050	0.000	230.13

TIME TO PEAK	=	12.42	HOURS
MAXIMUM DISCHARGE	=	8.837	C.F.S.
MAXIMUM STORAGE	=	26,515.1	CU.FT.
MAXIMUM ELEVATION	=	235.31	FEET
INFLOW VOLUME	=	73,528.3	CU.FT.
DISCHARGE VOLUME	=	26,424.7	CU.FT.
MAXIMUM PERC.	=	1.351	C.F.S.
PERC. VOLUME	=	47,103.5	CU.FT.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA B1	
BASIN DISCHARGES INTO		INFILTRATION BASIN	
BASIN AREA	=	5.42	ACRES
BASIN CURVE NUMBER	=	79.58	
24-HOUR PRECIPITATION	=	7.50	INCHES
24-HOUR RUNOFF	=	5.11	INCHES
AVERAGE BASIN SLOPE	=	6.20	%
HYDRAULIC LENGTH	=	886.00	FEET
BASIN LAG ,(Tc)	=	0.12	HOURS , 0.20 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	5.42	0.0	5.50	0.0	5.58	0.0
5.67	0.0	5.75	0.0	5.83	0.0	5.92	0.0
6.00	0.0	6.08	0.0	6.17	0.0	6.25	0.0
6.33	0.0	6.42	0.0	6.50	0.0	6.58	0.0
6.67	0.0	6.75	0.1	6.83	0.1	6.92	0.1
7.00	0.1	7.08	0.1	7.17	0.1	7.25	0.1
7.33	0.1	7.42	0.1	7.50	0.1	7.58	0.1
7.67	0.2	7.75	0.2	7.83	0.2	7.92	0.2
8.00	0.2	8.08	0.3	8.17	0.3	8.25	0.3
8.33	0.3	8.42	0.3	8.50	0.3	8.58	0.3
8.67	0.4	8.75	0.4	8.83	0.5	8.92	0.5
9.00	0.5	9.08	0.5	9.17	0.5	9.25	0.5
9.33	0.5	9.42	0.6	9.50	0.6	9.58	0.6
9.67	0.7	9.75	0.7	9.83	0.7	9.92	0.8
10.00	0.8	10.08	0.8	10.17	0.9	10.25	0.9
10.33	1.0	10.42	1.1	10.50	1.1	10.58	1.2
10.67	1.2	10.75	1.3	10.83	1.4	10.92	1.5
11.00	1.6	11.08	1.7	11.17	1.8	11.25	1.9
11.33	2.1	11.42	2.4	11.50	2.7	11.58	2.9
11.67	3.3	11.75	3.9	11.83	6.0	11.92	9.7
12.00	15.0	12.08	21.6	12.17	25.4	12.25	23.5
12.33	18.5	12.42	13.3	12.50	8.6	12.58	6.1
12.67	5.0	12.75	4.4	12.83	3.9	12.92	3.5
13.00	3.3	13.08	3.1	13.17	2.8	13.25	2.8
13.33	2.6	13.42	2.5	13.50	2.5	13.58	2.3

LAWRENCE J. PAGGI, P.E.,P.C.
FISHKILL, NEW YORK
OCTOBER 21, 2010

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
13.67	2.1	13.75	2.1	13.83	2.0	13.92	1.9
14.00	1.9	14.08	1.8	14.17	1.8	14.25	1.7
14.33	1.7	14.42	1.7	14.50	1.7	14.58	1.7
14.67	1.6	14.75	1.5	14.83	1.4	14.92	1.4
15.00	1.4	15.08	1.4	15.17	1.3	15.25	1.3
15.33	1.3	15.42	1.3	15.50	1.3	15.58	1.3
15.67	1.2	15.75	1.2	15.83	1.2	15.92	1.2
16.00	1.2	16.08	1.2	16.17	1.1	16.25	1.0
16.33	1.0	16.42	0.9	16.50	0.9	16.58	0.9
16.67	0.9	16.75	0.9	16.83	0.9	16.92	0.9
17.00	0.9	17.08	0.9	17.17	0.8	17.25	0.7
17.33	0.7	17.42	0.7	17.50	0.7	17.58	0.7
17.67	0.7	17.75	0.7	17.83	0.7	17.92	0.7
.00	0.7	18.08	0.7	18.17	0.6	18.25	0.6
18.33	0.6	18.42	0.6	18.50	0.6	18.58	0.6
18.67	0.6	18.75	0.6	18.83	0.6	18.92	0.6
19.00	0.6	19.08	0.6	19.17	0.5	19.25	0.5
19.33	0.5	19.42	0.5	19.50	0.5	19.58	0.5
19.67	0.5	19.75	0.5	19.83	0.5	19.92	0.5
20.00	0.5	20.08	0.5	20.17	0.5	20.25	0.5
20.33	0.5	20.42	0.5	20.50	0.5	20.58	0.5
20.67	0.5	20.75	0.5	20.83	0.5	20.92	0.5
21.00	0.5	21.08	0.4	21.17	0.4	21.25	0.4
21.33	0.4	21.42	0.4	21.50	0.4	21.58	0.4
21.67	0.4	21.75	0.4	21.83	0.4	21.92	0.4
22.00	0.4	22.08	0.4	22.17	0.4	22.25	0.4
22.33	0.4	22.42	0.4	22.50	0.4	22.58	0.4
22.67	0.4	22.75	0.4	22.83	0.4	22.92	0.4
23.00	0.4	23.08	0.4	23.17	0.4	23.25	0.4
23.33	0.4	23.42	0.4	23.50	0.4	23.58	0.4
23.67	0.4	23.75	0.4	23.83	0.4	23.92	0.4
24.00	0.4	24.08	0.4	24.17	0.2	24.25	0.1
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 25.38 C.F.S.

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

STAGE, STORAGE + DISCHARGE

POND IDENTIFIER INFILTRATION BASIN

1 =
2 = 12 INCH CIRCULAR ORIFICE - INVERT 233.6
3 = 12 INCH CIRCULAR ORIFICE - INVERT 234

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)	PERCOLATION (CFS)
230.00	0.0	0.000	0.0	0.00000
232.00	6766.0	0.740	45.8	0.74000
233.00	11524.5	0.910	77.7	0.91000
233.60	14860.5	1.020	100.1	1.02000
234.00	17295.3	1.849	117.2	1.09000
235.00	24152.8	7.552	168.6	1.29000
235.50	28001.3	9.646	196.3	1.39000
236.00	32140.3	11.334	225.6	1.49000
236.50	36576.8	12.797	256.6	1.59000

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
6.75	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.001	0.000	230.00
6.83	0.1	0.1	0.1	0.0	0.2	0.0	0.2	0.003	0.000	230.01
6.92	0.1	0.1	0.2	0.0	0.3	0.0	0.3	0.004	0.000	230.01
7.00	0.1	0.1	0.3	0.0	0.4	0.0	0.4	0.006	0.000	230.02
7.08	0.1	0.1	0.4	0.0	0.5	0.0	0.5	0.008	0.000	230.02
7.17	0.1	0.1	0.5	0.0	0.7	0.0	0.6	0.011	0.000	230.03
7.25	0.1	0.1	0.6	0.0	0.8	0.0	0.8	0.013	0.000	230.04
7.33	0.1	0.1	0.8	0.0	1.0	0.0	1.0	0.016	0.000	230.04
7.42	0.1	0.1	1.0	0.0	1.2	0.0	1.2	0.020	0.000	230.05
7.50	0.1	0.1	1.2	0.0	1.4	0.0	1.4	0.023	0.000	230.06
[illegible]	0.1	0.1	1.4	0.0	1.7	0.0	1.6	0.027	0.000	230.07
7.67	0.1	0.2	1.6	0.0	1.9	0.0	1.9	0.031	0.000	230.08
7.75	0.2	0.2	1.9	0.0	2.2	0.0	2.2	0.036	0.000	230.10
7.83	0.2	0.2	2.2	0.0	2.6	0.0	2.5	0.042	0.000	230.11
7.92	0.2	0.2	2.5	0.0	3.0	0.0	2.9	0.048	0.000	230.13
8.00	0.2	0.2	2.9	0.0	3.3	0.1	3.3	0.054	0.000	230.15
8.08	0.2	0.3	3.3	0.1	3.7	0.1	3.7	0.060	0.000	230.16
8.17	0.3	0.3	3.7	0.1	4.2	0.1	4.1	0.067	0.000	230.18
8.25	0.3	0.3	4.1	0.1	4.6	0.1	4.5	0.074	0.000	230.20
8.33	0.3	0.3	4.5	0.1	5.0	0.1	4.9	0.081	0.000	230.22
8.42	0.3	0.3	4.9	0.1	5.5	0.1	5.4	0.088	0.000	230.24
8.50	0.3	0.3	5.4	0.1	5.9	0.1	5.8	0.096	0.000	230.26
8.58	0.3	0.3	5.8	0.1	6.4	0.1	6.3	0.103	0.000	230.28
8.67	0.3	0.4	6.3	0.1	6.9	0.1	6.8	0.112	0.000	230.30
8.75	0.4	0.4	6.8	0.1	7.5	0.1	7.4	0.121	0.000	230.33
8.83	0.4	0.5	7.4	0.1	8.2	0.1	8.0	0.132	0.000	230.36
8.92	0.5	0.5	8.0	0.1	8.8	0.1	8.7	0.142	0.000	230.38
9.00	0.5	0.5	8.7	0.1	9.5	0.2	9.3	0.153	0.000	230.41
9.08	0.5	0.5	9.3	0.2	10.2	0.2	10.0	0.164	0.000	230.44
9.17	0.5	0.5	10.0	0.2	10.9	0.2	10.7	0.175	0.000	230.47
9.25	0.5	0.5	10.7	0.2	11.6	0.2	11.4	0.187	0.000	230.50
9.33	0.5	0.5	11.4	0.2	12.3	0.2	12.1	0.198	0.000	230.54
9.42	0.5	0.6	12.1	0.2	13.0	0.2	12.8	0.210	0.000	230.57
9.50	0.6	0.6	12.8	0.2	13.7	0.2	13.5	0.221	0.000	230.60
9.58	0.6	0.6	13.5	0.2	14.4	0.2	14.2	0.233	0.000	230.63
[illegible]	0.6	0.7	14.2	0.2	15.2	0.2	15.0	0.246	0.000	230.66
[illegible]	0.7	0.7	15.0	0.2	16.1	0.3	15.8	0.260	0.000	230.70

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
9.83	0.7	0.7	15.8	0.3	17.0	0.3	16.8	0.275	0.000	230.74
9.92	0.7	0.8	16.8	0.3	18.0	0.3	17.7	0.290	0.000	230.78
10.00	0.8	0.8	17.7	0.3	19.0	0.3	18.7	0.306	0.000	230.83
10.08	0.8	0.8	18.7	0.3	19.9	0.3	19.6	0.322	0.000	230.87
10.17	0.8	0.9	19.6	0.3	21.0	0.3	20.6	0.339	0.000	230.91
10.25	0.9	0.9	20.6	0.3	22.1	0.4	21.7	0.357	0.000	230.96
10.33	0.9	1.0	21.7	0.4	23.3	0.4	23.0	0.377	0.000	231.02
10.42	1.0	1.1	23.0	0.4	24.7	0.4	24.3	0.398	0.000	231.08
10.50	1.1	1.1	24.3	0.4	26.1	0.4	25.6	0.421	0.000	231.14
10.58	1.1	1.2	25.6	0.4	27.5	0.4	27.0	0.443	0.000	231.20
10.67	1.2	1.2	27.0	0.4	29.0	0.5	28.5	0.468	0.000	231.26
[illegible]	1.2	1.3	28.5	0.5	30.5	0.5	30.1	0.493	0.000	231.33
10.83	1.3	1.4	30.1	0.5	32.2	0.5	31.7	0.520	0.000	231.40
10.92	1.4	1.5	31.7	0.5	34.0	0.5	33.5	0.549	0.000	231.48
11.00	1.5	1.6	33.5	0.5	36.0	0.6	35.4	0.581	0.000	231.57
11.08	1.6	1.7	35.4	0.6	38.2	0.6	37.6	0.616	0.000	231.67
11.17	1.7	1.8	37.6	0.6	40.5	0.7	39.9	0.654	0.000	231.77
11.25	1.8	1.9	39.9	0.7	43.0	0.7	42.3	0.694	0.000	231.87
11.33	1.9	2.1	42.3	0.7	45.6	0.7	44.8	0.736	0.000	231.99
11.42	2.1	2.4	44.8	0.7	48.6	0.8	47.9	0.755	0.000	232.09
11.50	2.4	2.7	47.9	0.8	52.2	0.8	51.4	0.774	0.000	232.20
11.58	2.7	2.9	51.4	0.8	56.1	0.8	55.3	0.795	0.000	232.32
11.67	2.9	3.3	55.3	0.8	60.7	0.8	59.9	0.819	0.000	232.46
11.75	3.3	3.9	59.9	0.8	66.3	0.8	65.4	0.849	0.000	232.64
11.83	3.9	6.0	65.4	0.8	74.5	0.9	73.6	0.893	0.000	232.90
11.92	6.0	9.7	73.6	0.9	88.4	1.0	87.5	0.963	0.000	233.29
12.00	9.7	15.0	87.5	1.0	111.2	1.6	109.6	1.066	0.494	233.86
12.08	15.0	21.6	109.6	1.6	144.6	4.9	139.7	1.197	3.701	234.53
12.17	21.6	25.4	139.7	4.9	181.8	8.6	173.3	1.338	7.214	235.24
12.25	25.4	23.5	173.3	8.6	213.6	10.6	202.9	1.449	9.191	235.79
12.33	23.5	18.5	202.9	10.6	234.3	11.7	222.6	1.518	10.226	236.14
12.42	18.5	13.3	222.6	11.7	242.6	12.1	230.5	1.545	10.591	236.27
12.50	13.3	8.6	230.5	12.1	240.2	12.0	228.2	1.537	10.487	236.24
12.58	8.6	6.1	228.2	12.0	231.0	11.6	219.4	1.507	10.081	236.09
12.67	6.1	5.0	219.4	11.6	218.9	11.0	208.0	1.467	9.483	235.89
12.75	5.0	4.4	208.0	11.0	206.4	10.2	196.2	1.425	8.804	235.67
[illegible]	4.4	3.9	196.2	10.2	194.3	9.5	184.8	1.383	8.107	235.46

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
12.92	3.9	3.5	184.8	9.5	182.7	8.6	174.0	1.341	7.274	235.25
13.00	3.5	3.3	174.0	8.6	172.2	7.8	164.4	1.303	6.524	235.07
13.08	3.3	3.1	164.4	7.8	162.9	6.9	156.0	1.268	5.656	234.89
13.17	3.1	2.8	156.0	6.9	154.9	6.0	148.9	1.237	4.801	234.73
13.25	2.8	2.8	148.9	6.0	148.4	5.3	143.1	1.212	4.106	234.61
13.33	2.8	2.6	143.1	5.3	143.2	4.7	138.5	1.191	3.547	234.51
13.42	2.6	2.5	138.5	4.7	138.8	4.3	134.6	1.174	3.079	234.42
13.50	2.5	2.5	134.6	4.3	135.2	3.9	131.4	1.160	2.694	234.35
13.58	2.5	2.3	131.4	3.9	132.3	3.5	128.7	1.149	2.377	234.29
13.67	2.3	2.1	128.7	3.5	129.6	3.2	126.4	1.138	2.091	234.24
13.75	2.1	2.1	126.4	3.2	127.3	3.0	124.3	1.129	1.843	234.20
[illegible]	2.1	2.0	124.3	3.0	125.4	2.8	122.7	1.122	1.645	234.16
13.92	2.0	1.9	122.7	2.8	123.9	2.6	121.3	1.116	1.477	234.13
14.00	1.9	1.9	121.3	2.6	122.5	2.4	120.0	1.111	1.328	234.10
14.08	1.9	1.8	120.0	2.4	121.3	2.3	119.0	1.106	1.203	234.08
14.17	1.8	1.8	119.0	2.3	120.3	2.2	118.1	1.102	1.096	234.06
14.25	1.8	1.7	118.1	2.2	119.4	2.1	117.3	1.099	1.000	234.04
14.33	1.7	1.7	117.3	2.1	118.6	2.0	116.6	1.096	0.919	234.03
14.42	1.7	1.7	116.6	2.0	118.0	1.9	116.1	1.093	0.853	234.02
14.50	1.7	1.7	116.1	1.9	117.5	1.9	115.7	1.092	0.801	234.01
14.58	1.7	1.7	115.7	1.9	117.1	1.8	115.3	1.090	0.759	234.00
14.67	1.7	1.6	115.3	1.8	116.7	1.8	114.9	1.088	0.738	233.99
14.75	1.6	1.5	114.9	1.8	116.0	1.8	114.3	1.085	0.710	233.97
14.83	1.5	1.4	114.3	1.8	115.4	1.8	113.6	1.083	0.679	233.96
14.92	1.4	1.4	113.6	1.8	114.7	1.7	112.9	1.080	0.649	233.94
15.00	1.4	1.4	112.9	1.7	114.1	1.7	112.4	1.077	0.621	233.93
15.08	1.4	1.4	112.4	1.7	113.5	1.7	111.8	1.075	0.595	233.91
15.17	1.4	1.3	111.8	1.7	112.9	1.6	111.2	1.072	0.568	233.90
15.25	1.3	1.3	111.2	1.6	112.2	1.6	110.6	1.070	0.540	233.88
15.33	1.3	1.3	110.6	1.6	111.6	1.6	110.0	1.067	0.511	233.87
15.42	1.3	1.3	110.0	1.6	111.0	1.5	109.4	1.065	0.484	233.85
15.50	1.3	1.3	109.4	1.5	110.4	1.5	108.9	1.062	0.459	233.84
15.58	1.3	1.3	108.9	1.5	109.9	1.5	108.4	1.060	0.436	233.83
15.67	1.3	1.2	108.4	1.5	109.4	1.5	107.9	1.058	0.414	233.82
15.75	1.2	1.2	107.9	1.5	108.9	1.4	107.4	1.056	0.392	233.81
15.83	1.2	1.2	107.4	1.4	108.4	1.4	107.0	1.054	0.370	233.79
[illegible]	1.2	1.2	107.0	1.4	108.0	1.4	106.6	1.052	0.350	233.78

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BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
16.00	1.2	1.2	106.6	1.4	107.5	1.4	106.2	1.051	0.332	233.77
16.08	1.2	1.2	106.2	1.4	107.2	1.4	105.8	1.049	0.314	233.77
16.17	1.2	1.1	105.8	1.4	106.7	1.3	105.3	1.047	0.293	233.75
16.25	1.1	1.0	105.3	1.3	106.0	1.3	104.7	1.044	0.265	233.74
16.33	1.0	1.0	104.7	1.3	105.4	1.3	104.1	1.042	0.234	233.72
16.42	1.0	0.9	104.1	1.3	104.7	1.2	103.5	1.039	0.205	233.71
16.50	0.9	0.9	103.5	1.2	104.1	1.2	102.9	1.036	0.178	233.69
16.58	0.9	0.9	102.9	1.2	103.5	1.2	102.4	1.034	0.153	233.68
16.67	0.9	0.9	102.4	1.2	103.0	1.2	101.9	1.032	0.131	233.67
16.75	0.9	0.9	101.9	1.2	102.6	1.1	101.4	1.030	0.111	233.66
16.83	0.9	0.9	101.4	1.1	102.2	1.1	101.1	1.029	0.093	233.65
[illegible]	0.9	0.9	101.1	1.1	101.8	1.1	100.7	1.027	0.077	233.64
17.00	0.9	0.9	100.7	1.1	101.5	1.1	100.4	1.026	0.062	233.63
17.08	0.9	0.9	100.4	1.1	101.2	1.1	100.1	1.024	0.048	233.63
17.17	0.9	0.8	100.1	1.1	100.7	1.1	99.7	1.023	0.029	233.62
17.25	0.8	0.7	99.7	1.1	100.2	1.0	99.1	1.020	0.004	233.60
17.33	0.7	0.7	99.1	1.0	99.5	1.0	98.5	1.017	0.000	233.59
17.42	0.7	0.7	98.5	1.0	98.9	1.0	97.9	1.014	0.000	233.57
17.50	0.7	0.7	97.9	1.0	98.2	1.0	97.2	1.011	0.000	233.55
17.58	0.7	0.7	97.2	1.0	97.5	1.0	96.5	1.007	0.000	233.53
17.67	0.7	0.7	96.5	1.0	96.9	1.0	95.9	1.004	0.000	233.51
17.75	0.7	0.7	95.9	1.0	96.2	1.0	95.2	1.001	0.000	233.50
17.83	0.7	0.7	95.2	1.0	95.6	1.0	94.6	0.998	0.000	233.48
17.92	0.7	0.7	94.6	1.0	94.9	1.0	94.0	0.995	0.000	233.46
18.00	0.7	0.7	94.0	1.0	94.3	1.0	93.3	0.992	0.000	233.44
18.08	0.7	0.7	93.3	1.0	93.7	1.0	92.7	0.988	0.000	233.43
18.17	0.7	0.6	92.7	1.0	93.0	1.0	92.0	0.985	0.000	233.41
18.25	0.6	0.6	92.0	1.0	92.2	1.0	91.2	0.981	0.000	233.39
18.33	0.6	0.6	91.2	1.0	91.4	1.0	90.4	0.977	0.000	233.37
18.42	0.6	0.6	90.4	1.0	90.6	1.0	89.6	0.973	0.000	233.35
18.50	0.6	0.6	89.6	1.0	89.8	1.0	88.8	0.969	0.000	233.32
18.58	0.6	0.6	88.8	1.0	89.0	1.0	88.0	0.965	0.000	233.30
18.67	0.6	0.6	88.0	1.0	88.2	1.0	87.2	0.961	0.000	233.28
18.75	0.6	0.6	87.2	1.0	87.4	1.0	86.4	0.958	0.000	233.26
18.83	0.6	0.6	86.4	1.0	86.6	1.0	85.7	0.954	0.000	233.24
18.92	0.6	0.6	85.7	1.0	85.8	0.9	84.9	0.950	0.000	233.22
19	0.6	0.6	84.9	0.9	85.1	0.9	84.1	0.946	0.000	233.20

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
19.08	0.6	0.6	84.1	0.9	84.3	0.9	83.4	0.942	0.000	233.18
19.17	0.6	0.5	83.4	0.9	83.5	0.9	82.6	0.938	0.000	233.15
19.25	0.5	0.5	82.6	0.9	82.7	0.9	81.7	0.934	0.000	233.13
19.33	0.5	0.5	81.7	0.9	81.8	0.9	80.9	0.930	0.000	233.11
19.42	0.5	0.5	80.9	0.9	80.9	0.9	80.0	0.926	0.000	233.09
19.50	0.5	0.5	80.0	0.9	80.1	0.9	79.1	0.921	0.000	233.06
19.58	0.5	0.5	79.1	0.9	79.2	0.9	78.3	0.917	0.000	233.04
19.67	0.5	0.5	78.3	0.9	78.4	0.9	77.4	0.913	0.000	233.02
19.75	0.5	0.5	77.4	0.9	77.5	0.9	76.6	0.909	0.000	232.99
19.83	0.5	0.5	76.6	0.9	76.7	0.9	75.8	0.904	0.000	232.97
19.92	0.5	0.5	75.8	0.9	75.8	0.9	74.9	0.900	0.000	232.94
[illegible]	0.5	0.5	74.9	0.9	75.0	0.9	74.1	0.896	0.000	232.92
20.08	0.5	0.5	74.1	0.9	74.2	0.9	73.3	0.891	0.000	232.89
20.17	0.5	0.5	73.3	0.9	73.4	0.9	72.5	0.887	0.000	232.86
20.25	0.5	0.5	72.5	0.9	72.6	0.9	71.7	0.882	0.000	232.84
20.33	0.5	0.5	71.7	0.9	71.7	0.9	70.8	0.878	0.000	232.81
20.42	0.5	0.5	70.8	0.9	70.9	0.9	70.0	0.873	0.000	232.78
20.50	0.5	0.5	70.0	0.9	70.0	0.9	69.2	0.869	0.000	232.76
20.58	0.5	0.5	69.2	0.9	69.2	0.9	68.3	0.864	0.000	232.73
20.67	0.5	0.5	68.3	0.9	68.4	0.9	67.5	0.860	0.000	232.71
20.75	0.5	0.5	67.5	0.9	67.6	0.9	66.7	0.856	0.000	232.68
20.83	0.5	0.5	66.7	0.9	66.8	0.9	65.9	0.852	0.000	232.66
20.92	0.5	0.5	65.9	0.9	66.0	0.8	65.1	0.847	0.000	232.63
21.00	0.5	0.5	65.1	0.8	65.2	0.8	64.3	0.843	0.000	232.61
21.08	0.5	0.4	64.3	0.8	64.4	0.8	63.6	0.839	0.000	232.58
21.17	0.4	0.4	63.6	0.8	63.6	0.8	62.8	0.835	0.000	232.56
21.25	0.4	0.4	62.8	0.8	62.8	0.8	61.9	0.830	0.000	232.53
21.33	0.4	0.4	61.9	0.8	61.9	0.8	61.1	0.826	0.000	232.50
21.42	0.4	0.4	61.1	0.8	61.0	0.8	60.2	0.821	0.000	232.48
21.50	0.4	0.4	60.2	0.8	60.2	0.8	59.4	0.816	0.000	232.45
21.58	0.4	0.4	59.4	0.8	59.3	0.8	58.5	0.812	0.000	232.42
21.67	0.4	0.4	58.5	0.8	58.5	0.8	57.7	0.807	0.000	232.40
21.75	0.4	0.4	57.7	0.8	57.7	0.8	56.9	0.803	0.000	232.37
21.83	0.4	0.4	56.9	0.8	56.8	0.8	56.0	0.799	0.000	232.34
21.92	0.4	0.4	56.0	0.8	56.0	0.8	55.2	0.794	0.000	232.32
22.00	0.4	0.4	55.2	0.8	55.2	0.8	54.4	0.790	0.000	232.29
[illegible]	0.4	0.4	54.4	0.8	54.4	0.8	53.6	0.786	0.000	232.27

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POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
22.17	0.4	0.4	53.6	0.8	53.6	0.8	52.9	0.782	0.000	232.24
22.25	0.4	0.4	52.9	0.8	52.9	0.8	52.1	0.777	0.000	232.22
22.33	0.4	0.4	52.1	0.8	52.1	0.8	51.3	0.773	0.000	232.20
22.42	0.4	0.4	51.3	0.8	51.3	0.8	50.6	0.769	0.000	232.17
22.50	0.4	0.4	50.6	0.8	50.6	0.8	49.8	0.765	0.000	232.15
22.58	0.4	0.4	49.8	0.8	49.8	0.8	49.1	0.761	0.000	232.12
22.67	0.4	0.4	49.1	0.8	49.1	0.8	48.3	0.757	0.000	232.10
22.75	0.4	0.4	48.3	0.8	48.4	0.8	47.6	0.753	0.000	232.08
22.83	0.4	0.4	47.6	0.8	47.6	0.7	46.9	0.750	0.000	232.06
22.92	0.4	0.4	46.9	0.7	46.9	0.7	46.2	0.746	0.000	232.03
2[illegible]	0.4	0.4	46.2	0.7	46.2	0.7	45.5	0.742	0.000	232.01
2[illegible]	0.4	0.4	45.5	0.7	45.5	0.7	44.8	0.735	0.000	231.99
23.17	0.4	0.4	44.8	0.7	44.8	0.7	44.1	0.724	0.000	231.96
23.25	0.4	0.4	44.1	0.7	44.2	0.7	43.5	0.713	0.000	231.93
23.33	0.4	0.4	43.5	0.7	43.5	0.7	42.8	0.703	0.000	231.90
23.42	0.4	0.4	42.8	0.7	42.9	0.7	42.2	0.693	0.000	231.87
23.50	0.4	0.4	42.2	0.7	42.3	0.7	41.6	0.683	0.000	231.85
23.58	0.4	0.4	41.6	0.7	41.7	0.7	41.1	0.674	0.000	231.82
23.67	0.4	0.4	41.1	0.7	41.2	0.7	40.5	0.664	0.000	231.80
23.75	0.4	0.4	40.5	0.7	40.6	0.7	40.0	0.656	0.000	231.77
23.83	0.4	0.4	40.0	0.7	40.1	0.6	39.5	0.647	0.000	231.75
23.92	0.4	0.4	39.5	0.6	39.6	0.6	39.0	0.639	0.000	231.73
24.00	0.4	0.4	39.0	0.6	39.1	0.6	38.5	0.631	0.000	231.71
24.08	0.4	0.4	38.5	0.6	38.6	0.6	38.0	0.623	0.000	231.68
24.17	0.4	0.2	38.0	0.6	37.9	0.6	37.3	0.612	0.000	231.65
24.25	0.2	0.1	37.3	0.6	36.9	0.6	36.3	0.596	0.000	231.61
24.33	0.1	0.0	36.3	0.6	35.8	0.6	35.3	0.578	0.000	231.56
24.42	0.0	0.0	35.3	0.6	34.7	0.6	34.2	0.560	0.000	231.51
24.50	0.0	0.0	34.2	0.6	33.6	0.5	33.1	0.542	0.000	231.47
24.58	0.0	0.0	33.1	0.5	32.5	0.5	32.0	0.525	0.000	231.42
24.67	0.0	0.0	32.0	0.5	31.5	0.5	31.0	0.508	0.000	231.37
24.75	0.0	0.0	31.0	0.5	30.5	0.5	30.0	0.492	0.000	231.33
24.83	0.0	0.0	30.0	0.5	29.5	0.5	29.0	0.476	0.000	231.29
24.92	0.0	0.0	29.0	0.5	28.5	0.5	28.1	0.460	0.000	231.24
25.00	0.0	0.0	28.1	0.5	27.6	0.4	27.2	0.446	0.000	231.20
25.08	0.0	0.0	27.2	0.4	26.7	0.4	26.3	0.431	0.000	231.17
[illegible]	0.0	0.0	26.3	0.4	25.8	0.4	25.4	0.417	0.000	231.13

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA B1
POND IDENTIFIER INFILTRATION BASIN
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
25.25	0.0	0.0	25.4	0.4	25.0	0.4	24.6	0.404	0.000	231.09
25.33	0.0	0.0	24.6	0.4	24.2	0.4	23.8	0.391	0.000	231.06
25.42	0.0	0.0	23.8	0.4	23.4	0.4	23.0	0.378	0.000	231.02
25.50	0.0	0.0	23.0	0.4	22.7	0.4	22.3	0.366	0.000	230.99
25.58	0.0	0.0	22.3	0.4	21.9	0.4	21.6	0.354	0.000	230.96
25.67	0.0	0.0	21.6	0.4	21.2	0.3	20.9	0.343	0.000	230.93
25.75	0.0	0.0	20.9	0.3	20.5	0.3	20.2	0.332	0.000	230.90
25.83	0.0	0.0	20.2	0.3	19.9	0.3	19.6	0.321	0.000	230.87
25.92	0.0	0.0	19.6	0.3	19.2	0.3	18.9	0.311	0.000	230.84
26.00	0.0	0.0	18.9	0.3	18.6	0.3	18.3	0.301	0.000	230.81
26.08	0.0	0.0	18.3	0.3	18.0	0.3	17.7	0.291	0.000	230.79
[illegible]	0.0	0.0	17.7	0.3	17.4	0.3	17.2	0.281	0.000	230.76
26.25	0.0	0.0	17.2	0.3	16.9	0.3	16.6	0.272	0.000	230.74
26.33	0.0	0.0	16.6	0.3	16.3	0.3	16.1	0.264	0.000	230.71
26.42	0.0	0.0	16.1	0.3	15.8	0.3	15.5	0.255	0.000	230.69
26.50	0.0	0.0	15.5	0.3	15.3	0.2	15.0	0.247	0.000	230.67
26.58	0.0	0.0	15.0	0.2	14.8	0.2	14.6	0.239	0.000	230.65
26.67	0.0	0.0	14.6	0.2	14.3	0.2	14.1	0.231	0.000	230.62
26.75	0.0	0.0	14.1	0.2	13.9	0.2	13.6	0.224	0.000	230.60
26.83	0.0	0.0	13.6	0.2	13.4	0.2	13.2	0.216	0.000	230.58
26.92	0.0	0.0	13.2	0.2	13.0	0.2	12.8	0.209	0.000	230.57
27.00	0.0	0.0	12.8	0.2	12.6	0.2	12.4	0.203	0.000	230.55
27.08	0.0	0.0	12.4	0.2	12.2	0.2	12.0	0.196	0.000	230.53
27.17	0.0	0.0	12.0	0.2	11.8	0.2	11.6	0.190	0.000	230.51
27.25	0.0	0.0	11.6	0.2	11.4	0.2	11.2	0.184	0.000	230.50
27.33	0.0	0.0	11.2	0.2	11.0	0.2	10.8	0.178	0.000	230.48
27.42	0.0	0.0	10.8	0.2	10.7	0.2	10.5	0.172	0.000	230.46
27.50	0.0	0.0	10.5	0.2	10.3	0.2	10.1	0.166	0.000	230.45
27.58	0.0	0.0	10.1	0.2	10.0	0.2	9.8	0.161	0.000	230.44
27.67	0.0	0.0	9.8	0.2	9.7	0.2	9.5	0.156	0.000	230.42
27.75	0.0	0.0	9.5	0.2	9.3	0.2	9.2	0.151	0.000	230.41
27.83	0.0	0.0	9.2	0.2	9.0	0.1	8.9	0.146	0.000	230.39
27.92	0.0	0.0	8.9	0.1	8.8	0.1	8.6	0.141	0.000	230.38
28.00	0.0	0.0	8.6	0.1	8.5	0.1	8.3	0.137	0.000	230.37
28.08	0.0	0.0	8.3	0.1	8.2	0.1	8.1	0.132	0.000	230.36
28.17	0.0	0.0	8.1	0.1	7.9	0.1	7.8	0.128	0.000	230.35
[illegible]	0.0	0.0	7.8	0.1	7.7	0.1	7.6	0.124	0.000	230.33

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T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	PERC	DISC	ELEV
28.33	0.0	0.0	7.6	0.1	7.4	0.1	7.3	0.120	0.000	230.32
28.42	0.0	0.0	7.3	0.1	7.2	0.1	7.1	0.116	0.000	230.31
28.50	0.0	0.0	7.1	0.1	7.0	0.1	6.8	0.112	0.000	230.30
28.58	0.0	0.0	6.8	0.1	6.7	0.1	6.6	0.109	0.000	230.29
28.67	0.0	0.0	6.6	0.1	6.5	0.1	6.4	0.105	0.000	230.28
28.75	0.0	0.0	6.4	0.1	6.3	0.1	6.2	0.102	0.000	230.28
28.83	0.0	0.0	6.2	0.1	6.1	0.1	6.0	0.098	0.000	230.27
28.92	0.0	0.0	6.0	0.1	5.9	0.1	5.8	0.095	0.000	230.26
29.00	0.0	0.0	5.8	0.1	5.7	0.1	5.6	0.092	0.000	230.25
29.08	0.0	0.0	5.6	0.1	5.5	0.1	5.4	0.089	0.000	230.24
29.17	0.0	0.0	5.4	0.1	5.4	0.1	5.3	0.086	0.000	230.23
29.25	0.0	0.0	5.3	0.1	5.2	0.1	5.1	0.084	0.000	230.23
29.33	0.0	0.0	5.1	0.1	5.0	0.1	4.9	0.081	0.000	230.22
29.42	0.0	0.0	4.9	0.1	4.8	0.1	4.8	0.078	0.000	230.21
29.50	0.0	0.0	4.8	0.1	4.7	0.1	4.6	0.076	0.000	230.20
29.58	0.0	0.0	4.6	0.1	4.5	0.1	4.5	0.073	0.000	230.20
29.67	0.0	0.0	4.5	0.1	4.4	0.1	4.3	0.071	0.000	230.19
29.75	0.0	0.0	4.3	0.1	4.3	0.1	4.2	0.069	0.000	230.19
29.83	0.0	0.0	4.2	0.1	4.1	0.1	4.0	0.066	0.000	230.18
29.92	0.0	0.0	4.0	0.1	4.0	0.1	3.9	0.064	0.000	230.17
30.00	0.0	0.0	3.9	0.1	3.9	0.1	3.8	0.062	0.000	230.17
30.08	0.0	0.0	3.8	0.1	3.7	0.1	3.7	0.060	0.000	230.16
30.17	0.0	0.0	3.7	0.1	3.6	0.1	3.6	0.058	0.000	230.16
30.25	0.0	0.0	3.6	0.1	3.5	0.1	3.4	0.056	0.000	230.15
30.33	0.0	0.0	3.4	0.1	3.4	0.1	3.3	0.055	0.000	230.15
30.42	0.0	0.0	3.3	0.1	3.3	0.1	3.2	0.053	0.000	230.14
30.50	0.0	0.0	3.2	0.1	3.2	0.1	3.1	0.051	0.000	230.14
30.58	0.0	0.0	3.1	0.1	3.1	0.0	3.0	0.049	0.000	230.13

TIME TO PEAK	=	12.42	HOURS
MAXIMUM DISCHARGE	=	12.135	C.F.S.
MAXIMUM STORAGE	=	34,571.1	CU.FT.
MAXIMUM ELEVATION	=	236.27	FEET
INFLOW VOLUME	=	100,504.6	CU.FT.
DISCHARGE VOLUME	=	46,349.0	CU.FT.
MAXIMUM PERC.	=	1.545	C.F.S.
PERC. VOLUME	=	54,155.6	CU.FT.

LAWRENCE J. PAGGI, P.E.,P.C.
FISHKILL, NEW YORK
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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA C	
BASIN DISCHARGES INTO		EXISTING CATCH BASIN	
BASIN AREA	=	4.61	ACRES
BASIN CURVE NUMBER	=	62.18	
24-HOUR PRECIPITATION	=	3.50	INCHES
24-HOUR RUNOFF	=	0.62	INCHES
AVERAGE BASIN SLOPE	=	13.30	%
HYDRAULIC LENGTH	=	480.00	FEET
BASIN LAG ,(Tc)	=	0.08	HOURS , 0.13 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
2 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	11.42	0.0	11.50	0.0	11.58	0.0
11.67	0.0	11.75	0.0	11.83	0.0	11.92	0.2
12.00	0.8	12.08	1.7	12.17	2.4	12.25	2.2
12.33	1.8	12.42	1.2	12.50	0.8	12.58	0.7
12.67	0.6	12.75	0.6	12.83	0.5	12.92	0.5
13.00	0.5	13.08	0.4	13.17	0.4	13.25	0.4
13.33	0.4	13.42	0.4	13.50	0.4	13.58	0.3
13.67	0.3	13.75	0.3	13.83	0.3	13.92	0.3
14.00	0.3	14.08	0.3	14.17	0.3	14.25	0.3
14.33	0.3	14.42	0.3	14.50	0.3	14.58	0.3
14.67	0.3	14.75	0.2	14.83	0.2	14.92	0.2
15.00	0.2	15.08	0.2	15.17	0.2	15.25	0.2
15.33	0.2	15.42	0.2	15.50	0.2	15.58	0.2
15.67	0.2	15.75	0.2	15.83	0.2	15.92	0.2
16.00	0.2	16.08	0.2	16.17	0.2	16.25	0.2
16.33	0.2	16.42	0.2	16.50	0.2	16.58	0.2
16.67	0.2	16.75	0.2	16.83	0.2	16.92	0.2
17.00	0.2	17.08	0.2	17.17	0.1	17.25	0.1
17.33	0.1	17.42	0.1	17.50	0.1	17.58	0.1
17.67	0.1	17.75	0.1	17.83	0.1	17.92	0.1
18.00	0.1	18.08	0.1	18.17	0.1	18.25	0.1
18.33	0.1	18.42	0.1	18.50	0.1	18.58	0.1
18.67	0.1	18.75	0.1	18.83	0.1	18.92	0.1
19.00	0.1	19.08	0.1	19.17	0.1	19.25	0.1
19.33	0.1	19.42	0.1	19.50	0.1	19.58	0.1

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HYDROGRAPH RUNOFF VALUES
2 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
19.67	0.1	19.75	0.1	19.83	0.1	19.92	0.1
20.00	0.1	20.08	0.1	20.17	0.1	20.25	0.1
20.33	0.1	20.42	0.1	20.50	0.1	20.58	0.1
20.67	0.1	20.75	0.1	20.83	0.1	20.92	0.1
21.00	0.1	21.08	0.1	21.17	0.1	21.25	0.1
21.33	0.1	21.42	0.1	21.50	0.1	21.58	0.1
21.67	0.1	21.75	0.1	21.83	0.1	21.92	0.1
22.00	0.1	22.08	0.1	22.17	0.1	22.25	0.1
22.33	0.1	22.42	0.1	22.50	0.1	22.58	0.1
22.67	0.1	22.75	0.1	22.83	0.1	22.92	0.1
23.00	0.1	23.08	0.1	23.17	0.1	23.25	0.1
23.33	0.1	23.42	0.1	23.50	0.1	23.58	0.1
23.67	0.1	23.75	0.1	23.83	0.1	23.92	0.1
.00	0.1	24.08	0.1	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 2.37 C.F.S.

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CROTON OVERLOOK

24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION POSTDEVELOPMENT AREA C
BASIN DISCHARGES INTO EXISTING CATCH BASIN

BASIN AREA	=	4.61	ACRES	
BASIN CURVE NUMBER	=	62.18		
24-HOUR PRECIPITATION	=	5.00	INCHES	
24-HOUR RUNOFF	=	1.45	INCHES	
AVERAGE BASIN SLOPE	=	13.30	%	
HYDRAULIC LENGTH	=	480.00	FEET	
BASIN LAG ,(Tc)	=	0.08	HOURS ,	0.13 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.67	0.0	10.75	0.0	10.83	0.0	10.92	0.0
11.00	0.0	11.08	0.0	11.17	0.0	11.25	0.1
11.33	0.1	11.42	0.1	11.50	0.2	11.58	0.2
11.67	0.3	11.75	0.4	11.83	0.9	11.92	1.8
12.00	3.4	12.08	5.4	12.17	6.4	12.25	5.5
12.33	4.2	12.42	2.7	12.50	1.8	12.58	1.5
12.67	1.3	12.75	1.3	12.83	1.1	12.92	1.0
13.00	1.0	13.08	0.9	13.17	0.9	13.25	0.9
13.33	0.8	13.42	0.8	13.50	0.8	13.58	0.7
13.67	0.6	13.75	0.7	13.83	0.6	13.92	0.6
14.00	0.6	14.08	0.6	14.17	0.6	14.25	0.6
14.33	0.6	14.42	0.6	14.50	0.6	14.58	0.6
14.67	0.5	14.75	0.5	14.83	0.5	14.92	0.5
15.00	0.5	15.08	0.5	15.17	0.4	15.25	0.4
15.33	0.4	15.42	0.4	15.50	0.4	15.58	0.4
15.67	0.4	15.75	0.4	15.83	0.4	15.92	0.4
16.00	0.4	16.08	0.4	16.17	0.3	16.25	0.3
16.33	0.3	16.42	0.3	16.50	0.3	16.58	0.3
16.67	0.3	16.75	0.3	16.83	0.3	16.92	0.3
17.00	0.3	17.08	0.3	17.17	0.3	17.25	0.2
17.33	0.2	17.42	0.2	17.50	0.2	17.58	0.2
17.67	0.2	17.75	0.2	17.83	0.2	17.92	0.2
18.00	0.2	18.08	0.2	18.17	0.2	18.25	0.2
18.33	0.2	18.42	0.2	18.50	0.2	18.58	0.2
18.67	0.2	18.75	0.2	18.83	0.2	18.92	0.2

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HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
19.00	0.2	19.08	0.2	19.17	0.2	19.25	0.2
19.33	0.2	19.42	0.2	19.50	0.2	19.58	0.2
19.67	0.2	19.75	0.2	19.83	0.2	19.92	0.2
20.00	0.2	20.08	0.2	20.17	0.2	20.25	0.2
20.33	0.2	20.42	0.2	20.50	0.2	20.58	0.2
20.67	0.2	20.75	0.2	20.83	0.2	20.92	0.2
21.00	0.2	21.08	0.2	21.17	0.2	21.25	0.1
21.33	0.1	21.42	0.1	21.50	0.1	21.58	0.1
21.67	0.1	21.75	0.1	21.83	0.1	21.92	0.1
22.00	0.1	22.08	0.1	22.17	0.1	22.25	0.1
22.33	0.1	22.42	0.1	22.50	0.1	22.58	0.1
22.67	0.1	22.75	0.1	22.83	0.1	22.92	0.1
23.00	0.1	23.08	0.1	23.17	0.1	23.25	0.1
23.33	0.1	23.42	0.1	23.50	0.1	23.58	0.1
23.67	0.1	23.75	0.1	23.83	0.1	23.92	0.1
24.00	0.1	24.08	0.1	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 6.38 C.F.S.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA C	
BASIN DISCHARGES INTO		EXISTING CATCH BASIN	
BASIN AREA	=	4.61	ACRES
BASIN CURVE NUMBER	=	62.18	
24-HOUR PRECIPITATION	=	6.00	INCHES
24-HOUR RUNOFF	=	2.11	INCHES
AVERAGE BASIN SLOPE	=	13.30	%
HYDRAULIC LENGTH	=	480.00	FEET
BASIN LAG ,(Tc)	=	0.08	HOURS , 0.13 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
[illegible].00	0.0	10.08	0.0	10.17	0.0	10.25	0.0
[illegible]0.33	0.0	10.42	0.0	10.50	0.0	10.58	0.0
10.67	0.1	10.75	0.1	10.83	0.1	10.92	0.1
11.00	0.1	11.08	0.2	11.17	0.2	11.25	0.2
11.33	0.3	11.42	0.4	11.50	0.4	11.58	0.5
11.67	0.7	11.75	0.9	11.83	1.8	11.92	3.2
12.00	5.6	12.08	8.3	12.17	9.5	12.25	7.9
12.33	6.0	12.42	3.9	12.50	2.5	12.58	2.1
12.67	1.9	12.75	1.7	12.83	1.5	12.92	1.5
13.00	1.4	13.08	1.3	13.17	1.2	13.25	1.2
13.33	1.1	13.42	1.1	13.50	1.1	13.58	1.0
13.67	0.9	13.75	1.0	13.83	0.9	13.92	0.9
14.00	0.8	14.08	0.8	14.17	0.8	14.25	0.8
14.33	0.8	14.42	0.8	14.50	0.8	14.58	0.8
14.67	0.7	14.75	0.7	14.83	0.7	14.92	0.7
15.00	0.7	15.08	0.6	15.17	0.6	15.25	0.6
15.33	0.6	15.42	0.6	15.50	0.6	15.58	0.6
15.67	0.6	15.75	0.6	15.83	0.6	15.92	0.6
16.00	0.6	16.08	0.5	16.17	0.5	16.25	0.5
16.33	0.5	16.42	0.5	16.50	0.5	16.58	0.5
16.67	0.5	16.75	0.5	16.83	0.5	16.92	0.5
17.00	0.5	17.08	0.4	17.17	0.4	17.25	0.3
17.33	0.3	17.42	0.3	17.50	0.3	17.58	0.3
17.67	0.3	17.75	0.3	17.83	0.3	17.92	0.3
18.00	0.3	18.08	0.3	18.17	0.3	18.25	0.3

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HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
18.33	0.3	18.42	0.3	18.50	0.3	18.58	0.3
18.67	0.3	18.75	0.3	18.83	0.3	18.92	0.3
19.00	0.3	19.08	0.3	19.17	0.2	19.25	0.2
19.33	0.2	19.42	0.2	19.50	0.2	19.58	0.2
19.67	0.2	19.75	0.2	19.83	0.2	19.92	0.2
20.00	0.2	20.08	0.2	20.17	0.2	20.25	0.2
20.33	0.2	20.42	0.2	20.50	0.2	20.58	0.2
20.67	0.2	20.75	0.2	20.83	0.2	20.92	0.2
21.00	0.2	21.08	0.2	21.17	0.2	21.25	0.2
21.33	0.2	21.42	0.2	21.50	0.2	21.58	0.2
21.67	0.2	21.75	0.2	21.83	0.2	21.92	0.2
22.00	0.2	22.08	0.2	22.17	0.2	22.25	0.2
22.33	0.2	22.42	0.2	22.50	0.2	22.58	0.2
.67	0.2	22.75	0.2	22.83	0.2	22.92	0.2
23.00	0.2	23.08	0.2	23.17	0.2	23.25	0.2
23.33	0.2	23.42	0.2	23.50	0.2	23.58	0.2
23.67	0.2	23.75	0.2	23.83	0.2	23.92	0.2
24.00	0.2	24.08	0.1	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 9.49 C.F.S.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION POSTDEVELOPMENT AREA C
BASIN DISCHARGES INTO EXISTING CATCH BASIN

BASIN AREA	=	4.61	ACRES	
BASIN CURVE NUMBER	=	62.18		
24-HOUR PRECIPITATION	=	7.50	INCHES	
24-HOUR RUNOFF	=	3.19	INCHES	
AVERAGE BASIN SLOPE	=	13.30	%	
HYDRAULIC LENGTH	=	480.00	FEET	
BASIN LAG ,(Tc)	=	0.08	HOURS ,	0.13 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.00	0.0	9.08	0.0	9.17	0.0	9.25	0.0
9.33	0.0	9.42	0.0	9.50	0.0	9.58	0.0
9.67	0.0	9.75	0.0	9.83	0.1	9.92	0.1
10.00	0.1	10.08	0.1	10.17	0.1	10.25	0.1
10.33	0.2	10.42	0.2	10.50	0.2	10.58	0.2
10.67	0.3	10.75	0.3	10.83	0.3	10.92	0.4
11.00	0.4	11.08	0.5	11.17	0.5	11.25	0.6
11.33	0.7	11.42	0.8	11.50	0.9	11.58	1.1
11.67	1.3	11.75	1.7	11.83	3.2	11.92	5.5
12.00	9.3	12.08	13.2	12.17	14.6	12.25	11.9
12.33	8.9	12.42	5.7	12.50	3.7	12.58	3.0
12.67	2.7	12.75	2.5	12.83	2.2	12.92	2.1
13.00	2.0	13.08	1.8	13.17	1.7	13.25	1.8
13.33	1.6	13.42	1.6	13.50	1.5	13.58	1.4
13.67	1.3	13.75	1.4	13.83	1.3	13.92	1.2
14.00	1.2	14.08	1.2	14.17	1.1	14.25	1.1
14.33	1.1	14.42	1.1	14.50	1.1	14.58	1.1
14.67	1.0	14.75	0.9	14.83	0.9	14.92	0.9
15.00	0.9	15.08	0.9	15.17	0.9	15.25	0.8
15.33	0.8	15.42	0.8	15.50	0.8	15.58	0.8
15.67	0.8	15.75	0.8	15.83	0.8	15.92	0.8
16.00	0.8	16.08	0.8	16.17	0.7	16.25	0.6
16.33	0.6	16.42	0.6	16.50	0.6	16.58	0.6
16.67	0.6	16.75	0.6	16.83	0.6	16.92	0.6
17.00	0.6	17.08	0.6	17.17	0.5	17.25	0.5

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HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
17.33	0.5	17.42	0.5	17.50	0.5	17.58	0.5
17.67	0.5	17.75	0.5	17.83	0.5	17.92	0.5
18.00	0.5	18.08	0.4	18.17	0.4	18.25	0.4
18.33	0.4	18.42	0.4	18.50	0.4	18.58	0.4
18.67	0.4	18.75	0.4	18.83	0.4	18.92	0.4
19.00	0.4	19.08	0.4	19.17	0.3	19.25	0.3
19.33	0.3	19.42	0.3	19.50	0.3	19.58	0.3
19.67	0.3	19.75	0.3	19.83	0.3	19.92	0.3
20.00	0.3	20.08	0.3	20.17	0.3	20.25	0.3
20.33	0.3	20.42	0.3	20.50	0.3	20.58	0.3
20.67	0.3	20.75	0.3	20.83	0.3	20.92	0.3
21.00	0.3	21.08	0.3	21.17	0.3	21.25	0.3
21.33	0.3	21.42	0.3	21.50	0.3	21.58	0.3
.67	0.3	21.75	0.3	21.83	0.3	21.92	0.3
22.00	0.3	22.08	0.3	22.17	0.3	22.25	0.3
22.33	0.3	22.42	0.3	22.50	0.3	22.58	0.3
22.67	0.3	22.75	0.3	22.83	0.3	22.92	0.3
23.00	0.3	23.08	0.3	23.17	0.3	23.25	0.3
23.33	0.3	23.42	0.3	23.50	0.3	23.58	0.3
23.67	0.3	23.75	0.3	23.83	0.3	23.92	0.3
24.00	0.3	24.08	0.2	24.17	0.1	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 14.55 C.F.S.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA D	
BASIN DISCHARGES INTO		MICROPOOL POND	
BASIN AREA	=	6.89	ACRES
BASIN CURVE NUMBER	=	79.73	
24-HOUR PRECIPITATION	=	2.80	INCHES
24-HOUR RUNOFF	=	1.09	INCHES
AVERAGE BASIN SLOPE	=	3.00	%
HYDRAULIC LENGTH	=	1,291.00	FEET
BASIN LAG ,(Tc)	=	0.23	HOURS , 0.38 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
1 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	9.42	0.0	9.50	0.0	9.58	0.0
9.67	0.0	9.75	0.0	9.83	0.0	9.92	0.0
10.00	0.0	10.08	0.0	10.17	0.0	10.25	0.0
10.33	0.0	10.42	0.0	10.50	0.0	10.58	0.0
10.67	0.1	10.75	0.1	10.83	0.1	10.92	0.1
11.00	0.1	11.08	0.1	11.17	0.2	11.25	0.2
11.33	0.2	11.42	0.2	11.50	0.3	11.58	0.3
11.67	0.4	11.75	0.5	11.83	0.6	11.92	0.9
12.00	1.5	12.08	2.5	12.17	3.8	12.25	5.0
12.33	5.7	12.42	5.5	12.50	4.7	12.58	3.7
12.67	2.9	12.75	2.3	12.83	1.9	12.92	1.6
13.00	1.4	13.08	1.3	13.17	1.1	13.25	1.1
13.33	1.0	13.42	0.9	13.50	0.9	13.58	0.9
13.67	0.8	13.75	0.8	13.83	0.7	13.92	0.7
14.00	0.7	14.08	0.7	14.17	0.6	14.25	0.6
14.33	0.6	14.42	0.6	14.50	0.6	14.58	0.6
14.67	0.6	14.75	0.6	14.83	0.5	14.92	0.5
15.00	0.5	15.08	0.5	15.17	0.5	15.25	0.5
15.33	0.5	15.42	0.5	15.50	0.5	15.58	0.5
15.67	0.4	15.75	0.4	15.83	0.4	15.92	0.4
16.00	0.4	16.08	0.4	16.17	0.4	16.25	0.4
16.33	0.4	16.42	0.4	16.50	0.3	16.58	0.3
16.67	0.3	16.75	0.3	16.83	0.3	16.92	0.3
17.00	0.3	17.08	0.3	17.17	0.3	17.25	0.3
17.33	0.3	17.42	0.3	17.50	0.3	17.58	0.3

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HYDROGRAPH RUNOFF VALUES
1 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
17.67	0.2	17.75	0.2	17.83	0.2	17.92	0.2
18.00	0.2	18.08	0.2	18.17	0.2	18.25	0.2
18.33	0.2	18.42	0.2	18.50	0.2	18.58	0.2
18.67	0.2	18.75	0.2	18.83	0.2	18.92	0.2
19.00	0.2	19.08	0.2	19.17	0.2	19.25	0.2
19.33	0.2	19.42	0.2	19.50	0.2	19.58	0.2
19.67	0.2	19.75	0.2	19.83	0.2	19.92	0.2
20.00	0.2	20.08	0.2	20.17	0.2	20.25	0.2
20.33	0.2	20.42	0.2	20.50	0.2	20.58	0.2
20.67	0.2	20.75	0.2	20.83	0.2	20.92	0.2
21.00	0.2	21.08	0.2	21.17	0.2	21.25	0.2
21.33	0.2	21.42	0.1	21.50	0.1	21.58	0.1
[illegible].67	0.1	21.75	0.1	21.83	0.1	21.92	0.1
[illegible].00	0.1	22.08	0.1	22.17	0.1	22.25	0.1
22.33	0.1	22.42	0.1	22.50	0.1	22.58	0.1
22.67	0.1	22.75	0.1	22.83	0.1	22.92	0.1
23.00	0.1	23.08	0.1	23.17	0.1	23.25	0.1
23.33	0.1	23.42	0.1	23.50	0.1	23.58	0.1
23.67	0.1	23.75	0.1	23.83	0.1	23.92	0.1
24.00	0.1	24.08	0.1	24.17	0.1	24.25	0.1
24.33	0.1	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0
25.33	0.0	25.42	0.0	25.50	0.0	25.58	0.0
25.67	0.0	25.75	0.0	25.83	0.0	25.92	0.0

TIME TO PEAK = 12.33 HOURS
PEAK RUNOFF = 5.66 C.F.S.

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POND DEPTH VS STORAGE PROVIDED

POND IDENTIFIER MICROPOOL POND

ELEV feet	DEPTH feet	AREA sq.ft.	VOLUME cu.ft.	SUM VOL cu.ft.
280.5		5385.0		0.0
	1.0		7644.0	
281.5		9903.0		7644.0
	0.4		4130.7	
281.9		10751.0		11774.7
	0.1		1085.9	
282.0		10966.0		12860.7
	0.5		5755.5	
282.5		12056.0		18616.2
	0.5		6306.8	
283.0		13171.0		24922.9
	1.0		14396.5	
284.0		15622.0		39319.4
	1.0		16850.5	
285.0		18079.0		56169.9
	0.5		9356.5	
285.5		19347.0		65526.4
	0.5		9996.8	
286.0		20640.0		75523.2

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER MICROPOOL POND

1 = 3 INCH CIRCULAR ORIFICE - INVERT 280.5
2 = 3 INCH CIRCULAR ORIFICE - INVERT 281.9
3 = 7.5 INCH CIRCULAR ORIFICE - INVERT 282.5
4 = 3 INCH CIRCULAR ORIFICE - INVERT 284

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)
280.50	0.0	0.000	0.0
281.50	7644.0	0.221	51.2
281.90	11774.7	0.267	78.8
282.00	12860.7	0.301	86.0
282.50	18616.2	0.487	124.6
283.00	24922.9	1.261	167.4
284.00	39319.4	2.376	264.5
285.00	56169.9	3.308	377.8
285.50	65526.4	3.661	440.5
286.00	75523.2	3.980	507.5

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HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
10.67	0.0	0.1	0.0	0.0	0.1	0.0	0.1	280.50
10.75	0.1	0.1	0.1	0.0	0.2	0.0	0.2	280.50
10.83	0.1	0.1	0.2	0.0	0.3	0.0	0.3	280.51
10.92	0.1	0.1	0.3	0.0	0.5	0.0	0.5	280.51
11.00	0.1	0.1	0.5	0.0	0.7	0.0	0.7	280.51
11.08	0.1	0.1	0.7	0.0	1.0	0.0	0.9	280.52
11.17	0.1	0.2	0.9	0.0	1.2	0.0	1.2	280.52
11.25	0.2	0.2	1.2	0.0	1.6	0.0	1.6	280.53
11.33	0.2	0.2	1.6	0.0	1.9	0.0	1.9	280.54
11.42	0.2	0.2	1.9	0.0	2.4	0.0	2.3	280.55
11.50	0.2	0.3	2.3	0.0	2.9	0.0	2.8	280.56
11.58	0.3	0.3	2.8	0.0	3.4	0.0	3.4	280.57
11.67	0.3	0.4	3.4	0.0	4.1	0.0	4.1	280.58
11.75	0.4	0.5	4.1	0.0	4.9	0.0	4.9	280.60
11.83	0.5	0.6	4.9	0.0	5.9	0.0	5.9	280.62
11.92	0.6	0.9	5.9	0.0	7.4	0.0	7.4	280.64
12.00	0.9	1.5	7.4	0.0	9.7	0.0	9.7	280.69
12.08	1.5	2.5	9.7	0.0	13.7	0.1	13.6	280.77
12.17	2.5	3.8	13.6	0.1	19.9	0.1	19.8	280.89
12.25	3.8	5.0	19.8	0.1	28.6	0.1	28.5	281.06
12.33	5.0	5.7	28.5	0.1	39.0	0.2	38.9	281.26
12.42	5.7	5.5	38.9	0.2	49.8	0.2	49.6	281.47
12.50	5.5	4.7	49.6	0.2	59.5	0.2	59.3	281.62
12.58	4.7	3.7	59.3	0.2	67.5	0.2	67.2	281.74
12.67	3.7	2.9	67.2	0.2	73.6	0.3	73.4	281.83
12.75	2.9	2.3	73.4	0.3	78.3	0.3	78.0	281.89
12.83	2.3	1.9	78.0	0.3	82.0	0.3	81.7	281.94
12.92	1.9	1.6	81.7	0.3	84.9	0.3	84.6	281.98
13.00	1.6	1.4	84.6	0.3	87.3	0.3	87.0	282.02
13.08	1.4	1.3	87.0	0.3	89.4	0.3	89.1	282.04
13.17	1.3	1.1	89.1	0.3	91.2	0.3	90.8	282.07
13.25	1.1	1.1	90.8	0.3	92.7	0.3	92.4	282.09
13.33	1.1	1.0	92.4	0.3	94.1	0.3	93.7	282.10
13.42	1.0	0.9	93.7	0.3	95.3	0.3	95.0	282.12
13.50	0.9	0.9	95.0	0.3	96.5	0.4	96.1	282.14
13.58	0.9	0.9	96.1	0.4	97.5	0.4	97.1	282.15
13.67	0.9	0.8	97.1	0.4	98.4	0.4	98.1	282.16

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
13.75	0.8	0.8	98.1	0.4	99.3	0.4	98.9	282.17
13.83	0.8	0.7	98.9	0.4	100.1	0.4	99.7	282.18
13.92	0.7	0.7	99.7	0.4	100.8	0.4	100.4	282.19
14.00	0.7	0.7	100.4	0.4	101.4	0.4	101.0	282.20
14.08	0.7	0.7	101.0	0.4	102.0	0.4	101.6	282.21
14.17	0.7	0.6	101.6	0.4	102.6	0.4	102.2	282.21
14.25	0.6	0.6	102.2	0.4	103.1	0.4	102.7	282.22
14.33	0.6	0.6	102.7	0.4	103.6	0.4	103.2	282.23
14.42	0.6	0.6	103.2	0.4	104.0	0.4	103.6	282.23
14.50	0.6	0.6	103.6	0.4	104.4	0.4	104.0	282.24
14.58	0.6	0.6	104.0	0.4	104.8	0.4	104.5	282.24
14.67	0.6	0.6	104.5	0.4	105.2	0.4	104.8	282.25
14.75	0.6	0.6	104.8	0.4	105.6	0.4	105.2	282.25
14.83	0.6	0.5	105.2	0.4	105.9	0.4	105.5	282.26
14.92	0.5	0.5	105.5	0.4	106.2	0.4	105.8	282.26
15.00	0.5	0.5	105.8	0.4	106.4	0.4	106.0	282.26
15.08	0.5	0.5	106.0	0.4	106.6	0.4	106.2	282.27
15.17	0.5	0.5	106.2	0.4	106.8	0.4	106.4	282.27
15.25	0.5	0.5	106.4	0.4	107.0	0.4	106.6	282.27
15.33	0.5	0.5	106.6	0.4	107.1	0.4	106.7	282.27
15.42	0.5	0.5	106.7	0.4	107.2	0.4	106.8	282.28
15.50	0.5	0.5	106.8	0.4	107.4	0.4	107.0	282.28
15.58	0.5	0.5	107.0	0.4	107.5	0.4	107.0	282.28
15.67	0.5	0.4	107.0	0.4	107.5	0.4	107.1	282.28
15.75	0.4	0.4	107.1	0.4	107.6	0.4	107.2	282.28
15.83	0.4	0.4	107.2	0.4	107.7	0.4	107.3	282.28
15.92	0.4	0.4	107.3	0.4	107.7	0.4	107.3	282.28
16.00	0.4	0.4	107.3	0.4	107.8	0.4	107.4	282.28
16.08	0.4	0.4	107.4	0.4	107.8	0.4	107.4	282.28
16.17	0.4	0.4	107.4	0.4	107.9	0.4	107.4	282.28
16.25	0.4	0.4	107.4	0.4	107.9	0.4	107.4	282.28
16.33	0.4	0.4	107.4	0.4	107.8	0.4	107.4	282.28
16.42	0.4	0.4	107.4	0.4	107.7	0.4	107.3	282.28
16.50	0.4	0.3	107.3	0.4	107.6	0.4	107.2	282.28
16.58	0.3	0.3	107.2	0.4	107.5	0.4	107.1	282.28
16.67	0.3	0.3	107.1	0.4	107.4	0.4	107.0	282.28
16.75	0.3	0.3	107.0	0.4	107.3	0.4	106.9	282.28

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
16.83	0.3	0.3	106.9	0.4	107.1	0.4	106.7	282.27
16.92	0.3	0.3	106.7	0.4	107.0	0.4	106.6	282.27
17.00	0.3	0.3	106.6	0.4	106.9	0.4	106.5	282.27
17.08	0.3	0.3	106.5	0.4	106.7	0.4	106.3	282.27
17.17	0.3	0.3	106.3	0.4	106.6	0.4	106.2	282.27
17.25	0.3	0.3	106.2	0.4	106.4	0.4	106.0	282.26
17.33	0.3	0.3	106.0	0.4	106.2	0.4	105.8	282.26
17.42	0.3	0.3	105.8	0.4	106.0	0.4	105.6	282.26
17.50	0.3	0.3	105.6	0.4	105.7	0.4	105.3	282.26
17.58	0.3	0.3	105.3	0.4	105.4	0.4	105.0	282.25
17.67	0.3	0.2	105.0	0.4	105.1	0.4	104.8	282.25
17.75	0.2	0.2	104.8	0.4	104.9	0.4	104.5	282.24
17.83	0.2	0.2	104.5	0.4	104.6	0.4	104.2	282.24
17.92	0.2	0.2	104.2	0.4	104.3	0.4	103.9	282.24
18.00	0.2	0.2	103.9	0.4	104.0	0.4	103.6	282.23
18.08	0.2	0.2	103.6	0.4	103.7	0.4	103.3	282.23
18.17	0.2	0.2	103.3	0.4	103.4	0.4	103.0	282.23
18.25	0.2	0.2	103.0	0.4	103.1	0.4	102.7	282.22
18.33	0.2	0.2	102.7	0.4	102.8	0.4	102.4	282.22
18.42	0.2	0.2	102.4	0.4	102.5	0.4	102.1	282.21
18.50	0.2	0.2	102.1	0.4	102.1	0.4	101.8	282.21
18.58	0.2	0.2	101.8	0.4	101.8	0.4	101.4	282.20
18.67	0.2	0.2	101.4	0.4	101.5	0.4	101.1	282.20
18.75	0.2	0.2	101.1	0.4	101.1	0.4	100.8	282.20
18.83	0.2	0.2	100.8	0.4	100.8	0.4	100.4	282.19
18.92	0.2	0.2	100.4	0.4	100.5	0.4	100.1	282.19
19.00	0.2	0.2	100.1	0.4	100.1	0.4	99.8	282.18
19.08	0.2	0.2	99.8	0.4	99.8	0.4	99.4	282.18
19.17	0.2	0.2	99.4	0.4	99.5	0.4	99.1	282.17
19.25	0.2	0.2	99.1	0.4	99.2	0.4	98.8	282.17
19.33	0.2	0.2	98.8	0.4	98.8	0.4	98.4	282.17
19.42	0.2	0.2	98.4	0.4	98.5	0.4	98.1	282.16
19.50	0.2	0.2	98.1	0.4	98.1	0.4	97.8	282.16
19.58	0.2	0.2	97.8	0.4	97.8	0.4	97.4	282.15
19.67	0.2	0.2	97.4	0.4	97.4	0.4	97.0	282.15
19.75	0.2	0.2	97.0	0.4	97.1	0.4	96.7	282.14
19.83	0.2	0.2	96.7	0.4	96.7	0.4	96.3	282.14

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
19.92	0.2	0.2	96.3	0.4	96.4	0.4	96.0	282.13
20.00	0.2	0.2	96.0	0.4	96.0	0.3	95.7	282.13
20.08	0.2	0.2	95.7	0.3	95.7	0.3	95.3	282.12
20.17	0.2	0.2	95.3	0.3	95.3	0.3	95.0	282.12
20.25	0.2	0.2	95.0	0.3	95.0	0.3	94.7	282.12
20.33	0.2	0.2	94.7	0.3	94.7	0.3	94.3	282.11
20.42	0.2	0.2	94.3	0.3	94.3	0.3	94.0	282.11
20.50	0.2	0.2	94.0	0.3	94.0	0.3	93.6	282.10
20.58	0.2	0.2	93.6	0.3	93.6	0.3	93.3	282.10
20.67	0.2	0.2	93.3	0.3	93.3	0.3	93.0	282.09
20.75	0.2	0.2	93.0	0.3	92.9	0.3	92.6	282.09
20.83	0.2	0.2	92.6	0.3	92.6	0.3	92.3	282.09
20.92	0.2	0.2	92.3	0.3	92.3	0.3	91.9	282.08
21.00	0.2	0.2	91.9	0.3	92.0	0.3	91.6	282.08
21.08	0.2	0.2	91.6	0.3	91.6	0.3	91.3	282.07
21.17	0.2	0.2	91.3	0.3	91.3	0.3	91.0	282.07
21.25	0.2	0.2	91.0	0.3	91.0	0.3	90.6	282.06
21.33	0.2	0.2	90.6	0.3	90.6	0.3	90.3	282.06
21.42	0.2	0.1	90.3	0.3	90.3	0.3	90.0	282.06
21.50	0.1	0.1	90.0	0.3	89.9	0.3	89.6	282.05
21.58	0.1	0.1	89.6	0.3	89.6	0.3	89.3	282.05
21.67	0.1	0.1	89.3	0.3	89.3	0.3	88.9	282.04
21.75	0.1	0.1	88.9	0.3	88.9	0.3	88.6	282.04
21.83	0.1	0.1	88.6	0.3	88.6	0.3	88.3	282.03
21.92	0.1	0.1	88.3	0.3	88.2	0.3	87.9	282.03
22.00	0.1	0.1	87.9	0.3	87.9	0.3	87.6	282.02
22.08	0.1	0.1	87.6	0.3	87.6	0.3	87.3	282.02
22.17	0.1	0.1	87.3	0.3	87.2	0.3	86.9	282.02
22.25	0.1	0.1	86.9	0.3	86.9	0.3	86.6	282.01
22.33	0.1	0.1	86.6	0.3	86.6	0.3	86.3	282.01
22.42	0.1	0.1	86.3	0.3	86.3	0.3	86.0	282.00
22.50	0.1	0.1	86.0	0.3	86.0	0.3	85.7	282.00
22.58	0.1	0.1	85.7	0.3	85.6	0.3	85.3	281.99
22.67	0.1	0.1	85.3	0.3	85.3	0.3	85.0	281.99
22.75	0.1	0.1	85.0	0.3	85.0	0.3	84.7	281.99
22.83	0.1	0.1	84.7	0.3	84.7	0.3	84.4	281.98
22.92	0.1	0.1	84.4	0.3	84.4	0.3	84.1	281.98

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
23.00	0.1	0.1	84.1	0.3	84.1	0.3	83.8	281.97
23.08	0.1	0.1	83.8	0.3	83.8	0.3	83.5	281.97
23.17	0.1	0.1	83.5	0.3	83.5	0.3	83.3	281.97
23.25	0.1	0.1	83.3	0.3	83.3	0.3	83.0	281.96
23.33	0.1	0.1	83.0	0.3	83.0	0.3	82.7	281.96
23.42	0.1	0.1	82.7	0.3	82.7	0.3	82.4	281.95
23.50	0.1	0.1	82.4	0.3	82.4	0.3	82.1	281.95
23.58	0.1	0.1	82.1	0.3	82.1	0.3	81.8	281.95
23.67	0.1	0.1	81.8	0.3	81.9	0.3	81.6	281.94
23.75	0.1	0.1	81.6	0.3	81.6	0.3	81.3	281.94
[illegible]83	0.1	0.1	81.3	0.3	81.3	0.3	81.0	281.93
[illegible]92	0.1	0.1	81.0	0.3	81.0	0.3	80.8	281.93
24.00	0.1	0.1	80.8	0.3	80.8	0.3	80.5	281.93
24.08	0.1	0.1	80.5	0.3	80.5	0.3	80.2	281.92
24.17	0.1	0.1	80.2	0.3	80.2	0.3	80.0	281.92
24.25	0.1	0.1	80.0	0.3	79.9	0.3	79.7	281.92
24.33	0.1	0.1	79.7	0.3	79.6	0.3	79.3	281.91
24.42	0.1	0.0	79.3	0.3	79.1	0.3	78.8	281.90
24.50	0.0	0.0	78.8	0.3	78.6	0.3	78.4	281.90
24.58	0.0	0.0	78.4	0.3	78.1	0.3	77.9	281.89
24.67	0.0	0.0	77.9	0.3	77.6	0.3	77.4	281.88
24.75	0.0	0.0	77.4	0.3	77.1	0.3	76.9	281.88
24.83	0.0	0.0	76.9	0.3	76.6	0.3	76.3	281.87
24.92	0.0	0.0	76.3	0.3	76.1	0.3	75.8	281.86
25.00	0.0	0.0	75.8	0.3	75.6	0.3	75.3	281.85
25.08	0.0	0.0	75.3	0.3	75.0	0.3	74.8	281.85
25.17	0.0	0.0	74.8	0.3	74.5	0.3	74.2	281.84
25.25	0.0	0.0	74.2	0.3	74.0	0.3	73.7	281.83
25.33	0.0	0.0	73.7	0.3	73.5	0.3	73.2	281.82
25.42	0.0	0.0	73.2	0.3	73.0	0.3	72.7	281.82
25.50	0.0	0.0	72.7	0.3	72.4	0.3	72.2	281.81
25.58	0.0	0.0	72.2	0.3	71.9	0.3	71.7	281.80
25.67	0.0	0.0	71.7	0.3	71.4	0.3	71.2	281.79
25.75	0.0	0.0	71.2	0.3	70.9	0.3	70.7	281.79
25.83	0.0	0.0	70.7	0.3	70.4	0.3	70.1	281.78
25.92	0.0	0.0	70.1	0.3	69.9	0.3	69.6	281.77
[illegible]00	0.0	0.0	69.6	0.3	69.4	0.3	69.1	281.76

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
26.08	0.0	0.0	69.1	0.3	68.9	0.3	68.6	281.76
26.17	0.0	0.0	68.6	0.3	68.4	0.2	68.1	281.75
26.25	0.0	0.0	68.1	0.2	67.9	0.2	67.6	281.74
26.33	0.0	0.0	67.6	0.2	67.4	0.2	67.1	281.74
26.42	0.0	0.0	67.1	0.2	66.9	0.2	66.6	281.73
26.50	0.0	0.0	66.6	0.2	66.4	0.2	66.2	281.72
26.58	0.0	0.0	66.2	0.2	65.9	0.2	65.7	281.71
26.67	0.0	0.0	65.7	0.2	65.4	0.2	65.2	281.71
26.75	0.0	0.0	65.2	0.2	64.9	0.2	64.7	281.70
26.83	0.0	0.0	64.7	0.2	64.4	0.2	64.2	281.69
26.92	0.0	0.0	64.2	0.2	63.9	0.2	63.7	281.69
27.00	0.0	0.0	63.7	0.2	63.5	0.2	63.2	281.68
27.08	0.0	0.0	63.2	0.2	63.0	0.2	62.7	281.67
27.17	0.0	0.0	62.7	0.2	62.5	0.2	62.3	281.66
27.25	0.0	0.0	62.3	0.2	62.0	0.2	61.8	281.66
27.33	0.0	0.0	61.8	0.2	61.5	0.2	61.3	281.65
27.42	0.0	0.0	61.3	0.2	61.1	0.2	60.8	281.64
27.50	0.0	0.0	60.8	0.2	60.6	0.2	60.4	281.64
27.58	0.0	0.0	60.4	0.2	60.1	0.2	59.9	281.63
27.67	0.0	0.0	59.9	0.2	59.6	0.2	59.4	281.62
27.75	0.0	0.0	59.4	0.2	59.2	0.2	58.9	281.62
27.83	0.0	0.0	58.9	0.2	58.7	0.2	58.5	281.61
27.92	0.0	0.0	58.5	0.2	58.2	0.2	58.0	281.60
28.00	0.0	0.0	58.0	0.2	57.8	0.2	57.5	281.60
28.08	0.0	0.0	57.5	0.2	57.3	0.2	57.1	281.59
28.17	0.0	0.0	57.1	0.2	56.8	0.2	56.6	281.58
28.25	0.0	0.0	56.6	0.2	56.4	0.2	56.2	281.58
28.33	0.0	0.0	56.2	0.2	55.9	0.2	55.7	281.57
28.42	0.0	0.0	55.7	0.2	55.5	0.2	55.2	281.56
28.50	0.0	0.0	55.2	0.2	55.0	0.2	54.8	281.56
28.58	0.0	0.0	54.8	0.2	54.6	0.2	54.3	281.55
28.67	0.0	0.0	54.3	0.2	54.1	0.2	53.9	281.54
28.75	0.0	0.0	53.9	0.2	53.7	0.2	53.4	281.54
28.83	0.0	0.0	53.4	0.2	53.2	0.2	53.0	281.53
28.92	0.0	0.0	53.0	0.2	52.8	0.2	52.5	281.52
29.00	0.0	0.0	52.5	0.2	52.3	0.2	52.1	281.52
29.08	0.0	0.0	52.1	0.2	51.9	0.2	51.6	281.51

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
29.17	0.0	0.0	51.6	0.2	51.4	0.2	51.2	281.50
29.25	0.0	0.0	51.2	0.2	51.0	0.2	50.8	281.50
29.33	0.0	0.0	50.8	0.2	50.5	0.2	50.3	281.49
29.42	0.0	0.0	50.3	0.2	50.1	0.2	49.9	281.48
29.50	0.0	0.0	49.9	0.2	49.7	0.2	49.4	281.47
29.58	0.0	0.0	49.4	0.2	49.2	0.2	49.0	281.46
29.67	0.0	0.0	49.0	0.2	48.8	0.2	48.6	281.45
29.75	0.0	0.0	48.6	0.2	48.4	0.2	48.2	281.45
29.83	0.0	0.0	48.2	0.2	48.0	0.2	47.8	281.44
29.92	0.0	0.0	47.8	0.2	47.6	0.2	47.3	281.43
[illegible]00	0.0	0.0	47.3	0.2	47.1	0.2	46.9	281.42
[illegible]08	0.0	0.0	46.9	0.2	46.7	0.2	46.5	281.41
30.17	0.0	0.0	46.5	0.2	46.3	0.2	46.1	281.41
30.25	0.0	0.0	46.1	0.2	45.9	0.2	45.7	281.40
30.33	0.0	0.0	45.7	0.2	45.5	0.2	45.3	281.39
30.42	0.0	0.0	45.3	0.2	45.1	0.2	44.9	281.38
30.50	0.0	0.0	44.9	0.2	44.8	0.2	44.6	281.37
30.58	0.0	0.0	44.6	0.2	44.4	0.2	44.2	281.37
30.67	0.0	0.0	44.2	0.2	44.0	0.2	43.8	281.36
30.75	0.0	0.0	43.8	0.2	43.6	0.2	43.4	281.35
30.83	0.0	0.0	43.4	0.2	43.2	0.2	43.0	281.34
30.92	0.0	0.0	43.0	0.2	42.9	0.2	42.7	281.34
31.00	0.0	0.0	42.7	0.2	42.5	0.2	42.3	281.33
31.08	0.0	0.0	42.3	0.2	42.1	0.2	41.9	281.32
31.17	0.0	0.0	41.9	0.2	41.8	0.2	41.6	281.32
31.25	0.0	0.0	41.6	0.2	41.4	0.2	41.2	281.31
31.33	0.0	0.0	41.2	0.2	41.0	0.2	40.9	281.30
31.42	0.0	0.0	40.9	0.2	40.7	0.2	40.5	281.29
31.50	0.0	0.0	40.5	0.2	40.3	0.2	40.2	281.29
31.58	0.0	0.0	40.2	0.2	40.0	0.2	39.8	281.28
31.67	0.0	0.0	39.8	0.2	39.6	0.2	39.5	281.27
31.75	0.0	0.0	39.5	0.2	39.3	0.2	39.1	281.27
31.83	0.0	0.0	39.1	0.2	39.0	0.2	38.8	281.26
31.92	0.0	0.0	38.8	0.2	38.6	0.2	38.4	281.25
32.00	0.0	0.0	38.4	0.2	38.3	0.2	38.1	281.25
32.08	0.0	0.0	38.1	0.2	38.0	0.2	37.8	281.24
[illegible]17	0.0	0.0	37.8	0.2	37.6	0.2	37.5	281.24

HYDROLOGIC REPORT FOR

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
32.25	0.0	0.0	37.5	0.2	37.3	0.2	37.1	281.23
32.33	0.0	0.0	37.1	0.2	37.0	0.2	36.8	281.22
32.42	0.0	0.0	36.8	0.2	36.7	0.2	36.5	281.22
32.50	0.0	0.0	36.5	0.2	36.3	0.2	36.2	281.21
32.58	0.0	0.0	36.2	0.2	36.0	0.2	35.9	281.20
32.67	0.0	0.0	35.9	0.2	35.7	0.2	35.6	281.20
32.75	0.0	0.0	35.6	0.2	35.4	0.2	35.3	281.19
32.83	0.0	0.0	35.3	0.2	35.1	0.2	34.9	281.19
32.92	0.0	0.0	34.9	0.2	34.8	0.2	34.6	281.18
33.00	0.0	0.0	34.6	0.2	34.5	0.1	34.3	281.17
33.08	0.0	0.0	34.3	0.1	34.2	0.1	34.0	281.17
33.17	0.0	0.0	34.0	0.1	33.9	0.1	33.8	281.16
33.25	0.0	0.0	33.8	0.1	33.6	0.1	33.5	281.16
33.33	0.0	0.0	33.5	0.1	33.3	0.1	33.2	281.15
33.42	0.0	0.0	33.2	0.1	33.0	0.1	32.9	281.15
33.50	0.0	0.0	32.9	0.1	32.7	0.1	32.6	281.14
33.58	0.0	0.0	32.6	0.1	32.5	0.1	32.3	281.13
33.67	0.0	0.0	32.3	0.1	32.2	0.1	32.0	281.13
33.75	0.0	0.0	32.0	0.1	31.9	0.1	31.8	281.12
33.83	0.0	0.0	31.8	0.1	31.6	0.1	31.5	281.12
33.92	0.0	0.0	31.5	0.1	31.4	0.1	31.2	281.11
34.00	0.0	0.0	31.2	0.1	31.1	0.1	31.0	281.11
34.08	0.0	0.0	31.0	0.1	30.8	0.1	30.7	281.10
34.17	0.0	0.0	30.7	0.1	30.5	0.1	30.4	281.10
34.25	0.0	0.0	30.4	0.1	30.3	0.1	30.2	281.09
34.33	0.0	0.0	30.2	0.1	30.0	0.1	29.9	281.09
34.42	0.0	0.0	29.9	0.1	29.8	0.1	29.6	281.08
34.50	0.0	0.0	29.6	0.1	29.5	0.1	29.4	281.08
34.58	0.0	0.0	29.4	0.1	29.3	0.1	29.1	281.07
34.67	0.0	0.0	29.1	0.1	29.0	0.1	28.9	281.07
34.75	0.0	0.0	28.9	0.1	28.7	0.1	28.6	281.06
34.83	0.0	0.0	28.6	0.1	28.5	0.1	28.4	281.06
34.92	0.0	0.0	28.4	0.1	28.3	0.1	28.1	281.05
35.00	0.0	0.0	28.1	0.1	28.0	0.1	27.9	281.05
35.08	0.0	0.0	27.9	0.1	27.8	0.1	27.6	281.04
35.17	0.0	0.0	27.6	0.1	27.5	0.1	27.4	281.04
35.25	0.0	0.0	27.4	0.1	27.3	0.1	27.2	281.03

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POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
35.33	0.0	0.0	27.2	0.1	27.1	0.1	26.9	281.03
35.42	0.0	0.0	26.9	0.1	26.8	0.1	26.7	281.02
35.50	0.0	0.0	26.7	0.1	26.6	0.1	26.5	281.02
35.58	0.0	0.0	26.5	0.1	26.4	0.1	26.2	281.02
35.67	0.0	0.0	26.2	0.1	26.1	0.1	26.0	281.01
35.75	0.0	0.0	26.0	0.1	25.9	0.1	25.8	281.01
35.83	0.0	0.0	25.8	0.1	25.7	0.1	25.6	281.00
35.92	0.0	0.0	25.6	0.1	25.5	0.1	25.4	281.00
36.00	0.0	0.0	25.4	0.1	25.2	0.1	25.1	280.99
36.08	0.0	0.0	25.1	0.1	25.0	0.1	24.9	280.99
17	0.0	0.0	24.9	0.1	24.8	0.1	24.7	280.98
.25	0.0	0.0	24.7	0.1	24.6	0.1	24.5	280.98
36.33	0.0	0.0	24.5	0.1	24.4	0.1	24.3	280.98
36.42	0.0	0.0	24.3	0.1	24.2	0.1	24.1	280.97
36.50	0.0	0.0	24.1	0.1	24.0	0.1	23.9	280.97
36.58	0.0	0.0	23.9	0.1	23.8	0.1	23.7	280.96
36.67	0.0	0.0	23.7	0.1	23.5	0.1	23.4	280.96
36.75	0.0	0.0	23.4	0.1	23.3	0.1	23.2	280.96
36.83	0.0	0.0	23.2	0.1	23.1	0.1	23.0	280.95
36.92	0.0	0.0	23.0	0.1	22.9	0.1	22.8	280.95
37.00	0.0	0.0	22.8	0.1	22.7	0.1	22.6	280.94
37.08	0.0	0.0	22.6	0.1	22.5	0.1	22.5	280.94
37.17	0.0	0.0	22.5	0.1	22.4	0.1	22.3	280.94
37.25	0.0	0.0	22.3	0.1	22.2	0.1	22.1	280.93
37.33	0.0	0.0	22.1	0.1	22.0	0.1	21.9	280.93
37.42	0.0	0.0	21.9	0.1	21.8	0.1	21.7	280.93
37.50	0.0	0.0	21.7	0.1	21.6	0.1	21.5	280.92
37.58	0.0	0.0	21.5	0.1	21.4	0.1	21.3	280.92
37.67	0.0	0.0	21.3	0.1	21.2	0.1	21.1	280.91
37.75	0.0	0.0	21.1	0.1	21.0	0.1	20.9	280.91
37.83	0.0	0.0	20.9	0.1	20.9	0.1	20.8	280.91
37.92	0.0	0.0	20.8	0.1	20.7	0.1	20.6	280.90
38.00	0.0	0.0	20.6	0.1	20.5	0.1	20.4	280.90
38.08	0.0	0.0	20.4	0.1	20.3	0.1	20.2	280.90
38.17	0.0	0.0	20.2	0.1	20.1	0.1	20.1	280.89
38.25	0.0	0.0	20.1	0.1	20.0	0.1	19.9	280.89
33	0.0	0.0	19.9	0.1	19.8	0.1	19.7	280.89

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
38.42	0.0	0.0	19.7	0.1	19.6	0.1	19.5	280.88
38.50	0.0	0.0	19.5	0.1	19.5	0.1	19.4	280.88
38.58	0.0	0.0	19.4	0.1	19.3	0.1	19.2	280.88
38.67	0.0	0.0	19.2	0.1	19.1	0.1	19.0	280.87
38.75	0.0	0.0	19.0	0.1	19.0	0.1	18.9	280.87
38.83	0.0	0.0	18.9	0.1	18.8	0.1	18.7	280.87
38.92	0.0	0.0	18.7	0.1	18.6	0.1	18.5	280.86
39.00	0.0	0.0	18.5	0.1	18.5	0.1	18.4	280.86
39.08	0.0	0.0	18.4	0.1	18.3	0.1	18.2	280.86
39.17	0.0	0.0	18.2	0.1	18.2	0.1	18.1	280.85
39.25	0.0	0.0	18.1	0.1	18.0	0.1	17.9	280.85
39.33	0.0	0.0	17.9	0.1	17.8	0.1	17.8	280.85
39.42	0.0	0.0	17.8	0.1	17.7	0.1	17.6	280.85
39.50	0.0	0.0	17.6	0.1	17.5	0.1	17.5	280.84
39.58	0.0	0.0	17.5	0.1	17.4	0.1	17.3	280.84
39.67	0.0	0.0	17.3	0.1	17.2	0.1	17.2	280.84
39.75	0.0	0.0	17.2	0.1	17.1	0.1	17.0	280.83
39.83	0.0	0.0	17.0	0.1	16.9	0.1	16.9	280.83
39.92	0.0	0.0	16.9	0.1	16.8	0.1	16.7	280.83
40.00	0.0	0.0	16.7	0.1	16.6	0.1	16.6	280.83
40.08	0.0	0.0	16.6	0.1	16.5	0.1	16.4	280.82
40.17	0.0	0.0	16.4	0.1	16.4	0.1	16.3	280.82
40.25	0.0	0.0	16.3	0.1	16.2	0.1	16.1	280.82
40.33	0.0	0.0	16.1	0.1	16.1	0.1	16.0	280.81
40.42	0.0	0.0	16.0	0.1	15.9	0.1	15.9	280.81
40.50	0.0	0.0	15.9	0.1	15.8	0.1	15.7	280.81
40.58	0.0	0.0	15.7	0.1	15.7	0.1	15.6	280.81
40.67	0.0	0.0	15.6	0.1	15.5	0.1	15.5	280.80
40.75	0.0	0.0	15.5	0.1	15.4	0.1	15.3	280.80
40.83	0.0	0.0	15.3	0.1	15.3	0.1	15.2	280.80
40.92	0.0	0.0	15.2	0.1	15.1	0.1	15.1	280.80
41.00	0.0	0.0	15.1	0.1	15.0	0.1	14.9	280.79
41.08	0.0	0.0	14.9	0.1	14.9	0.1	14.8	280.79
41.17	0.0	0.0	14.8	0.1	14.7	0.1	14.7	280.79
41.25	0.0	0.0	14.7	0.1	14.6	0.1	14.5	280.79
41.33	0.0	0.0	14.5	0.1	14.5	0.1	14.4	280.78
41.42	0.0	0.0	14.4	0.1	14.4	0.1	14.3	280.78

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
1 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
41.50	0.0	0.0	14.3	0.1	14.2	0.1	14.2	280.78
41.58	0.0	0.0	14.2	0.1	14.1	0.1	14.1	280.78
41.67	0.0	0.0	14.1	0.1	14.0	0.1	13.9	280.77
41.75	0.0	0.0	13.9	0.1	13.9	0.1	13.8	280.77
41.83	0.0	0.0	13.8	0.1	13.8	0.1	13.7	280.77
41.92	0.0	0.0	13.7	0.1	13.6	0.1	13.6	280.77
42.00	0.0	0.0	13.6	0.1	13.5	0.1	13.5	280.76
42.08	0.0	0.0	13.5	0.1	13.4	0.1	13.3	280.76
42.17	0.0	0.0	13.3	0.1	13.3	0.1	13.2	280.76
42.25	0.0	0.0	13.2	0.1	13.2	0.1	13.1	280.76
42.33	0.0	0.0	13.1	0.1	13.1	0.1	13.0	280.76
42.42	0.0	0.0	13.0	0.1	12.9	0.1	12.9	280.75
42.50	0.0	0.0	12.9	0.1	12.8	0.1	12.8	280.75
42.58	0.0	0.0	12.8	0.1	12.7	0.1	12.7	280.75
42.67	0.0	0.0	12.7	0.1	12.6	0.1	12.6	280.75
42.75	0.0	0.0	12.6	0.1	12.5	0.1	12.4	280.74
42.83	0.0	0.0	12.4	0.1	12.4	0.1	12.3	280.74
42.92	0.0	0.0	12.3	0.1	12.3	0.1	12.2	280.74
43.00	0.0	0.0	12.2	0.1	12.2	0.1	12.1	280.74
43.08	0.0	0.0	12.1	0.1	12.1	0.1	12.0	280.74
43.17	0.0	0.0	12.0	0.1	12.0	0.1	11.9	280.73
43.25	0.0	0.0	11.9	0.1	11.9	0.1	11.8	280.73
43.33	0.0	0.0	11.8	0.1	11.8	0.1	11.7	280.73
43.42	0.0	0.0	11.7	0.1	11.7	0.1	11.6	280.73
43.50	0.0	0.0	11.6	0.1	11.6	0.0	11.5	280.73

TIME TO PEAK = 16.25 HOURS
MAXIMUM DISCHARGE = 0.406 C.F.S.
MAXIMUM STORAGE = 16,117.4 CU.FT.
MAXIMUM ELEVATION = 282.28 FEET
INFLOW VOLUME = 27,149.3 CU.FT.
DISCHARGE VOLUME = 25,422.8 CU.FT.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA D	
BASIN DISCHARGES INTO		MICROPOOL POND	
BASIN AREA	=	6.89	ACRES
BASIN CURVE NUMBER	=	79.73	
24-HOUR PRECIPITATION	=	3.50	INCHES
24-HOUR RUNOFF	=	1.62	INCHES
AVERAGE BASIN SLOPE	=	3.00	%
HYDRAULIC LENGTH	=	1,291.00	FEET
BASIN LAG ,(Tc)	=	0.23	HOURS , 0.38 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
2 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.67	0.0	8.75	0.0	8.83	0.0	8.92	0.0
9.00	0.0	9.08	0.0	9.17	0.0	9.25	0.0
9.33	0.0	9.42	0.0	9.50	0.0	9.58	0.0
9.67	0.0	9.75	0.0	9.83	0.1	9.92	0.1
10.00	0.1	10.08	0.1	10.17	0.1	10.25	0.1
10.33	0.1	10.42	0.1	10.50	0.2	10.58	0.2
10.67	0.2	10.75	0.2	10.83	0.2	10.92	0.3
11.00	0.3	11.08	0.3	11.17	0.4	11.25	0.4
11.33	0.4	11.42	0.5	11.50	0.6	11.58	0.6
11.67	0.7	11.75	0.9	11.83	1.1	11.92	1.6
12.00	2.6	12.08	4.1	12.17	6.1	12.25	7.8
12.33	8.6	12.42	8.2	12.50	6.9	12.58	5.5
12.67	4.2	12.75	3.3	12.83	2.7	12.92	2.3
13.00	2.0	13.08	1.8	13.17	1.6	13.25	1.5
13.33	1.4	13.42	1.3	13.50	1.3	13.58	1.2
13.67	1.1	13.75	1.1	13.83	1.0	13.92	1.0
14.00	1.0	14.08	0.9	14.17	0.9	14.25	0.9
14.33	0.9	14.42	0.8	14.50	0.8	14.58	0.8
14.67	0.8	14.75	0.8	14.83	0.7	14.92	0.7
15.00	0.7	15.08	0.7	15.17	0.7	15.25	0.7
15.33	0.7	15.42	0.6	15.50	0.6	15.58	0.6
15.67	0.6	15.75	0.6	15.83	0.6	15.92	0.6
16.00	0.6	16.08	0.6	16.17	0.6	16.25	0.6
16.33	0.5	16.42	0.5	16.50	0.5	16.58	0.5
16.67	0.5	16.75	0.5	16.83	0.5	16.92	0.5

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HYDROGRAPH RUNOFF VALUES
2 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
17.00	0.5	17.08	0.5	17.17	0.5	17.25	0.4
17.33	0.4	17.42	0.4	17.50	0.4	17.58	0.3
17.67	0.3	17.75	0.3	17.83	0.3	17.92	0.3
18.00	0.3	18.08	0.3	18.17	0.3	18.25	0.3
18.33	0.3	18.42	0.3	18.50	0.3	18.58	0.3
18.67	0.3	18.75	0.3	18.83	0.3	18.92	0.3
19.00	0.3	19.08	0.3	19.17	0.3	19.25	0.3
19.33	0.3	19.42	0.3	19.50	0.3	19.58	0.2
19.67	0.2	19.75	0.2	19.83	0.2	19.92	0.2
20.00	0.2	20.08	0.2	20.17	0.2	20.25	0.2
20.33	0.2	20.42	0.2	20.50	0.2	20.58	0.2
20.67	0.2	20.75	0.2	20.83	0.2	20.92	0.2
[illegible].00	0.2	21.08	0.2	21.17	0.2	21.25	0.2
[illegible].33	0.2	21.42	0.2	21.50	0.2	21.58	0.2
21.67	0.2	21.75	0.2	21.83	0.2	21.92	0.2
22.00	0.2	22.08	0.2	22.17	0.2	22.25	0.2
22.33	0.2	22.42	0.2	22.50	0.2	22.58	0.2
22.67	0.2	22.75	0.2	22.83	0.2	22.92	0.2
23.00	0.2	23.08	0.2	23.17	0.2	23.25	0.2
23.33	0.2	23.42	0.2	23.50	0.2	23.58	0.2
23.67	0.2	23.75	0.2	23.83	0.2	23.92	0.2
24.00	0.2	24.08	0.2	24.17	0.2	24.25	0.1
24.33	0.1	24.42	0.1	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0
25.33	0.0	25.42	0.0	25.50	0.0	25.58	0.0
25.67	0.0	25.75	0.0	25.83	0.0	25.92	0.0

TIME TO PEAK = 12.33 HOURS
PEAK RUNOFF = 8.57 C.F.S.

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER MICROPOOL POND

1 = 3 INCH CIRCULAR ORIFICE - INVERT 280.5
2 = 3 INCH CIRCULAR ORIFICE - INVERT 281.9
3 = 7.5 INCH CIRCULAR ORIFICE - INVERT 282.5
4 = 3 INCH CIRCULAR ORIFICE - INVERT 284

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)
280.50	0.0	0.000	0.0
281.50	7644.0	0.221	51.2
281.90	11774.7	0.267	78.8
282.00	12860.7	0.301	86.0
282.50	18616.2	0.487	124.6
283.00	24922.9	1.261	167.4
284.00	39319.4	2.376	264.5
285.00	56169.9	3.308	377.8
285.50	65526.4	3.661	440.5
286.00	75523.2	3.980	507.5

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
9.83	0.0	0.1	0.0	0.0	0.1	0.0	0.1	280.50
9.92	0.1	0.1	0.1	0.0	0.2	0.0	0.2	280.50
10.00	0.1	0.1	0.2	0.0	0.3	0.0	0.3	280.51
10.08	0.1	0.1	0.3	0.0	0.5	0.0	0.5	280.51
10.17	0.1	0.1	0.5	0.0	0.7	0.0	0.7	280.51
10.25	0.1	0.1	0.7	0.0	0.9	0.0	0.9	280.52
10.33	0.1	0.1	0.9	0.0	1.1	0.0	1.1	280.52
10.42	0.1	0.1	1.1	0.0	1.4	0.0	1.4	280.53
10.50	0.1	0.2	1.4	0.0	1.7	0.0	1.7	280.53
10.58	0.2	0.2	1.7	0.0	2.0	0.0	2.0	280.54
10.67	0.2	0.2	2.0	0.0	2.4	0.0	2.4	280.55
10.75	0.2	0.2	2.4	0.0	2.8	0.0	2.8	280.55
10.83	0.2	0.2	2.8	0.0	3.2	0.0	3.2	280.56
10.92	0.2	0.3	3.2	0.0	3.7	0.0	3.7	280.57
11.00	0.3	0.3	3.7	0.0	4.2	0.0	4.2	280.58
11.08	0.3	0.3	4.2	0.0	4.8	0.0	4.8	280.59
11.17	0.3	0.4	4.8	0.0	5.5	0.0	5.4	280.61
11.25	0.4	0.4	5.4	0.0	6.2	0.0	6.2	280.62
11.33	0.4	0.4	6.2	0.0	7.0	0.0	7.0	280.64
11.42	0.4	0.5	7.0	0.0	7.9	0.0	7.8	280.65
11.50	0.5	0.6	7.8	0.0	8.9	0.0	8.8	280.67
11.58	0.6	0.6	8.8	0.0	10.0	0.0	10.0	280.70
11.67	0.6	0.7	10.0	0.0	11.3	0.0	11.3	280.72
11.75	0.7	0.9	11.3	0.0	12.8	0.1	12.8	280.75
11.83	0.9	1.1	12.8	0.1	14.7	0.1	14.6	280.79
11.92	1.1	1.6	14.6	0.1	17.3	0.1	17.2	280.84
12.00	1.6	2.6	17.2	0.1	21.3	0.1	21.2	280.92
12.08	2.6	4.1	21.2	0.1	27.7	0.1	27.6	281.04
12.17	4.1	6.1	27.6	0.1	37.6	0.2	37.4	281.23
12.25	6.1	7.8	37.4	0.2	51.1	0.2	50.9	281.50
12.33	7.8	8.6	50.9	0.2	67.0	0.2	66.8	281.73
12.42	8.6	8.2	66.8	0.2	83.3	0.3	83.0	281.96
12.50	8.2	6.9	83.0	0.3	97.8	0.4	97.4	282.15
12.58	6.9	5.5	97.4	0.4	109.5	0.4	109.1	282.30
12.67	5.5	4.2	109.1	0.4	118.4	0.5	117.9	282.42
12.75	4.2	3.3	117.9	0.5	125.0	0.5	124.5	282.50
12.83	3.3	2.7	124.5	0.5	130.1	0.6	129.5	282.56

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POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
12.92	2.7	2.3	129.5	0.6	133.9	0.7	133.3	282.61
13.00	2.3	2.0	133.3	0.7	137.0	0.7	136.3	282.64
13.08	2.0	1.8	136.3	0.7	139.4	0.8	138.6	282.67
13.17	1.8	1.6	138.6	0.8	141.3	0.8	140.5	282.69
13.25	1.6	1.5	140.5	0.8	142.8	0.8	142.0	282.71
13.33	1.5	1.4	142.0	0.8	144.0	0.8	143.2	282.73
13.42	1.4	1.3	143.2	0.8	145.1	0.9	144.2	282.74
13.50	1.3	1.3	144.2	0.9	145.9	0.9	145.1	282.75
13.58	1.3	1.2	145.1	0.9	146.6	0.9	145.7	282.76
13.67	1.2	1.1	145.7	0.9	147.2	0.9	146.3	282.76
13.75	1.1	1.1	146.3	0.9	147.6	0.9	146.7	282.77
13.83	1.1	1.0	146.7	0.9	147.9	0.9	147.0	282.77
13.92	1.0	1.0	147.0	0.9	148.1	0.9	147.2	282.77
14.00	1.0	1.0	147.2	0.9	148.3	0.9	147.4	282.78
14.08	1.0	0.9	147.4	0.9	148.3	0.9	147.4	282.78
14.17	0.9	0.9	147.4	0.9	148.3	0.9	147.4	282.78
14.25	0.9	0.9	147.4	0.9	148.3	0.9	147.4	282.78
14.33	0.9	0.9	147.4	0.9	148.2	0.9	147.3	282.78
14.42	0.9	0.8	147.3	0.9	148.1	0.9	147.2	282.77
14.50	0.8	0.8	147.2	0.9	147.9	0.9	147.0	282.77
14.58	0.8	0.8	147.0	0.9	147.8	0.9	146.9	282.77
14.67	0.8	0.8	146.9	0.9	147.6	0.9	146.7	282.77
14.75	0.8	0.8	146.7	0.9	147.4	0.9	146.5	282.77
14.83	0.8	0.7	146.5	0.9	147.1	0.9	146.2	282.76
14.92	0.7	0.7	146.2	0.9	146.8	0.9	145.9	282.76
15.00	0.7	0.7	145.9	0.9	146.4	0.9	145.6	282.76
15.08	0.7	0.7	145.6	0.9	146.1	0.9	145.2	282.75
15.17	0.7	0.7	145.2	0.9	145.7	0.9	144.8	282.75
15.25	0.7	0.7	144.8	0.9	145.3	0.9	144.5	282.74
15.33	0.7	0.7	144.5	0.9	144.9	0.9	144.1	282.74
15.42	0.7	0.6	144.1	0.9	144.5	0.8	143.7	282.73
15.50	0.6	0.6	143.7	0.8	144.1	0.8	143.2	282.73
15.58	0.6	0.6	143.2	0.8	143.7	0.8	142.8	282.72
15.67	0.6	0.6	142.8	0.8	143.2	0.8	142.4	282.72
15.75	0.6	0.6	142.4	0.8	142.8	0.8	142.0	282.71
15.83	0.6	0.6	142.0	0.8	142.4	0.8	141.6	282.71
15.92	0.6	0.6	141.6	0.8	142.0	0.8	141.2	282.70

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
16.00	0.6	0.6	141.2	0.8	141.6	0.8	140.8	282.70
16.08	0.6	0.6	140.8	0.8	141.2	0.8	140.4	282.69
16.17	0.6	0.6	140.4	0.8	140.7	0.8	140.0	282.69
16.25	0.6	0.6	140.0	0.8	140.3	0.8	139.5	282.68
16.33	0.6	0.5	139.5	0.8	139.8	0.8	139.1	282.68
16.42	0.5	0.5	139.1	0.8	139.3	0.8	138.6	282.67
16.50	0.5	0.5	138.6	0.8	138.8	0.7	138.1	282.67
16.58	0.5	0.5	138.1	0.7	138.3	0.7	137.5	282.66
16.67	0.5	0.5	137.5	0.7	137.7	0.7	137.0	282.65
16.75	0.5	0.5	137.0	0.7	137.2	0.7	136.5	282.65
83	0.5	0.5	136.5	0.7	136.7	0.7	136.0	282.64
.92	0.5	0.5	136.0	0.7	136.2	0.7	135.5	282.64
17.00	0.5	0.5	135.5	0.7	135.8	0.7	135.1	282.63
17.08	0.5	0.5	135.1	0.7	135.3	0.7	134.6	282.63
17.17	0.5	0.5	134.6	0.7	134.9	0.7	134.2	282.62
17.25	0.5	0.4	134.2	0.7	134.4	0.7	133.7	282.61
17.33	0.4	0.4	133.7	0.7	133.9	0.7	133.2	282.61
17.42	0.4	0.4	133.2	0.7	133.4	0.6	132.7	282.60
17.50	0.4	0.4	132.7	0.6	132.8	0.6	132.2	282.60
17.58	0.4	0.3	132.2	0.6	132.2	0.6	131.6	282.59
17.67	0.3	0.3	131.6	0.6	131.7	0.6	131.0	282.58
17.75	0.3	0.3	131.0	0.6	131.1	0.6	130.5	282.58
17.83	0.3	0.3	130.5	0.6	130.6	0.6	130.0	282.57
17.92	0.3	0.3	130.0	0.6	130.1	0.6	129.5	282.56
18.00	0.3	0.3	129.5	0.6	129.6	0.6	129.0	282.56
18.08	0.3	0.3	129.0	0.6	129.1	0.6	128.5	282.55
18.17	0.3	0.3	128.5	0.6	128.6	0.6	128.1	282.55
18.25	0.3	0.3	128.1	0.6	128.1	0.6	127.6	282.54
18.33	0.3	0.3	127.6	0.6	127.7	0.5	127.1	282.54
18.42	0.3	0.3	127.1	0.5	127.2	0.5	126.7	282.53
18.50	0.3	0.3	126.7	0.5	126.7	0.5	126.2	282.52
18.58	0.3	0.3	126.2	0.5	126.2	0.5	125.7	282.52
18.67	0.3	0.3	125.7	0.5	125.8	0.5	125.3	282.51
18.75	0.3	0.3	125.3	0.5	125.3	0.5	124.8	282.51
18.83	0.3	0.3	124.8	0.5	124.9	0.5	124.4	282.50
18.92	0.3	0.3	124.4	0.5	124.5	0.5	124.0	282.50
00	0.3	0.3	124.0	0.5	124.1	0.5	123.6	282.49

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
19.08	0.3	0.3	123.6	0.5	123.7	0.5	123.2	282.49
19.17	0.3	0.3	123.2	0.5	123.3	0.5	122.8	282.48
19.25	0.3	0.3	122.8	0.5	122.8	0.5	122.4	282.48
19.33	0.3	0.3	122.4	0.5	122.4	0.5	121.9	282.47
19.42	0.3	0.3	121.9	0.5	122.0	0.5	121.5	282.47
19.50	0.3	0.3	121.5	0.5	121.5	0.5	121.1	282.46
19.58	0.3	0.2	121.1	0.5	121.1	0.5	120.6	282.45
19.67	0.2	0.2	120.6	0.5	120.7	0.5	120.2	282.45
19.75	0.2	0.2	120.2	0.5	120.2	0.5	119.7	282.44
19.83	0.2	0.2	119.7	0.5	119.8	0.5	119.3	282.44
[illegible]92	0.2	0.2	119.3	0.5	119.3	0.5	118.9	282.43
[illegible]00	0.2	0.2	118.9	0.5	118.9	0.5	118.4	282.43
20.08	0.2	0.2	118.4	0.5	118.5	0.5	118.0	282.42
20.17	0.2	0.2	118.0	0.5	118.1	0.5	117.6	282.42
20.25	0.2	0.2	117.6	0.5	117.6	0.5	117.2	282.41
20.33	0.2	0.2	117.2	0.5	117.2	0.5	116.7	282.40
20.42	0.2	0.2	116.7	0.5	116.8	0.4	116.3	282.40
20.50	0.2	0.2	116.3	0.4	116.3	0.4	115.9	282.39
20.58	0.2	0.2	115.9	0.4	115.9	0.4	115.4	282.39
20.67	0.2	0.2	115.4	0.4	115.5	0.4	115.0	282.38
20.75	0.2	0.2	115.0	0.4	115.0	0.4	114.6	282.38
20.83	0.2	0.2	114.6	0.4	114.6	0.4	114.2	282.37
20.92	0.2	0.2	114.2	0.4	114.2	0.4	113.7	282.37
21.00	0.2	0.2	113.7	0.4	113.8	0.4	113.3	282.36
21.08	0.2	0.2	113.3	0.4	113.4	0.4	112.9	282.35
21.17	0.2	0.2	112.9	0.4	112.9	0.4	112.5	282.35
21.25	0.2	0.2	112.5	0.4	112.5	0.4	112.1	282.34
21.33	0.2	0.2	112.1	0.4	112.1	0.4	111.7	282.34
21.42	0.2	0.2	111.7	0.4	111.7	0.4	111.2	282.33
21.50	0.2	0.2	111.2	0.4	111.2	0.4	110.8	282.33
21.58	0.2	0.2	110.8	0.4	110.8	0.4	110.4	282.32
21.67	0.2	0.2	110.4	0.4	110.3	0.4	109.9	282.32
21.75	0.2	0.2	109.9	0.4	109.9	0.4	109.5	282.31
21.83	0.2	0.2	109.5	0.4	109.5	0.4	109.0	282.30
21.92	0.2	0.2	109.0	0.4	109.0	0.4	108.6	282.30
22.00	0.2	0.2	108.6	0.4	108.6	0.4	108.2	282.29
[illegible]08	0.2	0.2	108.2	0.4	108.2	0.4	107.8	282.29

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POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
22.17	0.2	0.2	107.8	0.4	107.7	0.4	107.3	282.28
22.25	0.2	0.2	107.3	0.4	107.3	0.4	106.9	282.28
22.33	0.2	0.2	106.9	0.4	106.9	0.4	106.5	282.27
22.42	0.2	0.2	106.5	0.4	106.5	0.4	106.1	282.27
22.50	0.2	0.2	106.1	0.4	106.1	0.4	105.7	282.26
22.58	0.2	0.2	105.7	0.4	105.7	0.4	105.3	282.25
22.67	0.2	0.2	105.3	0.4	105.3	0.4	104.9	282.25
22.75	0.2	0.2	104.9	0.4	104.9	0.4	104.5	282.24
22.83	0.2	0.2	104.5	0.4	104.5	0.4	104.1	282.24
22.92	0.2	0.2	104.1	0.4	104.1	0.4	103.7	282.23
2[illegible]00	0.2	0.2	103.7	0.4	103.8	0.4	103.4	282.23
[illegible]08	0.2	0.2	103.4	0.4	103.4	0.4	103.0	282.22
23.17	0.2	0.2	103.0	0.4	103.0	0.4	102.6	282.22
23.25	0.2	0.2	102.6	0.4	102.6	0.4	102.3	282.22
23.33	0.2	0.2	102.3	0.4	102.3	0.4	101.9	282.21
23.42	0.2	0.2	101.9	0.4	101.9	0.4	101.5	282.21
23.50	0.2	0.2	101.5	0.4	101.5	0.4	101.2	282.20
23.58	0.2	0.2	101.2	0.4	101.2	0.4	100.8	282.20
23.67	0.2	0.2	100.8	0.4	100.8	0.4	100.5	282.19
23.75	0.2	0.2	100.5	0.4	100.5	0.4	100.1	282.19
23.83	0.2	0.2	100.1	0.4	100.1	0.4	99.8	282.18
23.92	0.2	0.2	99.8	0.4	99.8	0.4	99.4	282.18
24.00	0.2	0.2	99.4	0.4	99.5	0.4	99.1	282.17
24.08	0.2	0.2	99.1	0.4	99.1	0.4	98.8	282.17
24.17	0.2	0.2	98.8	0.4	98.8	0.4	98.4	282.17
24.25	0.2	0.1	98.4	0.4	98.4	0.4	98.0	282.16
24.33	0.1	0.1	98.0	0.4	97.9	0.4	97.5	282.15
24.42	0.1	0.1	97.5	0.4	97.3	0.4	97.0	282.15
24.50	0.1	0.0	97.0	0.4	96.7	0.4	96.3	282.14
24.58	0.0	0.0	96.3	0.4	96.0	0.3	95.7	282.13
24.67	0.0	0.0	95.7	0.3	95.4	0.3	95.0	282.12
24.75	0.0	0.0	95.0	0.3	94.7	0.3	94.3	282.11
24.83	0.0	0.0	94.3	0.3	94.0	0.3	93.7	282.10
24.92	0.0	0.0	93.7	0.3	93.3	0.3	93.0	282.09
25.00	0.0	0.0	93.0	0.3	92.7	0.3	92.3	282.09
25.08	0.0	0.0	92.3	0.3	92.0	0.3	91.7	282.08
2[illegible]17	0.0	0.0	91.7	0.3	91.3	0.3	91.0	282.07

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POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
25.25	0.0	0.0	91.0	0.3	90.7	0.3	90.4	282.06
25.33	0.0	0.0	90.4	0.3	90.1	0.3	89.7	282.05
25.42	0.0	0.0	89.7	0.3	89.4	0.3	89.1	282.04
25.50	0.0	0.0	89.1	0.3	88.8	0.3	88.5	282.04
25.58	0.0	0.0	88.5	0.3	88.1	0.3	87.8	282.03
25.67	0.0	0.0	87.8	0.3	87.5	0.3	87.2	282.02
25.75	0.0	0.0	87.2	0.3	86.9	0.3	86.6	282.01
25.83	0.0	0.0	86.6	0.3	86.3	0.3	86.0	282.00
25.92	0.0	0.0	86.0	0.3	85.7	0.3	85.4	282.00
26.00	0.0	0.0	85.4	0.3	85.1	0.3	84.8	281.99
[illegible]08	0.0	0.0	84.8	0.3	84.5	0.3	84.2	281.98
[illegible]17	0.0	0.0	84.2	0.3	83.9	0.3	83.6	281.97
26.25	0.0	0.0	83.6	0.3	83.3	0.3	83.0	281.96
26.33	0.0	0.0	83.0	0.3	82.8	0.3	82.5	281.95
26.42	0.0	0.0	82.5	0.3	82.2	0.3	81.9	281.95
26.50	0.0	0.0	81.9	0.3	81.6	0.3	81.3	281.94
26.58	0.0	0.0	81.3	0.3	81.1	0.3	80.8	281.93
26.67	0.0	0.0	80.8	0.3	80.5	0.3	80.2	281.92
26.75	0.0	0.0	80.2	0.3	80.0	0.3	79.7	281.92
26.83	0.0	0.0	79.7	0.3	79.4	0.3	79.1	281.91
26.92	0.0	0.0	79.1	0.3	78.9	0.3	78.6	281.90
27.00	0.0	0.0	78.6	0.3	78.3	0.3	78.1	281.89
27.08	0.0	0.0	78.1	0.3	77.8	0.3	77.5	281.89
27.17	0.0	0.0	77.5	0.3	77.3	0.3	77.0	281.88
27.25	0.0	0.0	77.0	0.3	76.7	0.3	76.5	281.87
27.33	0.0	0.0	76.5	0.3	76.2	0.3	76.0	281.86
27.42	0.0	0.0	76.0	0.3	75.7	0.3	75.4	281.86
27.50	0.0	0.0	75.4	0.3	75.2	0.3	74.9	281.85
27.58	0.0	0.0	74.9	0.3	74.6	0.3	74.4	281.84
27.67	0.0	0.0	74.4	0.3	74.1	0.3	73.9	281.83
27.75	0.0	0.0	73.9	0.3	73.6	0.3	73.3	281.83
27.83	0.0	0.0	73.3	0.3	73.1	0.3	72.8	281.82
27.92	0.0	0.0	72.8	0.3	72.6	0.3	72.3	281.81
28.00	0.0	0.0	72.3	0.3	72.1	0.3	71.8	281.80
28.08	0.0	0.0	71.8	0.3	71.6	0.3	71.3	281.80
28.17	0.0	0.0	71.3	0.3	71.0	0.3	70.8	281.79
[illegible]25	0.0	0.0	70.8	0.3	70.5	0.3	70.3	281.78

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POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
28.33	0.0	0.0	70.3	0.3	70.0	0.3	69.8	281.77
28.42	0.0	0.0	69.8	0.3	69.5	0.3	69.3	281.77
28.50	0.0	0.0	69.3	0.3	69.0	0.3	68.8	281.76
28.58	0.0	0.0	68.8	0.3	68.5	0.2	68.3	281.75
28.67	0.0	0.0	68.3	0.2	68.0	0.2	67.8	281.74
28.75	0.0	0.0	67.8	0.2	67.5	0.2	67.3	281.74
28.83	0.0	0.0	67.3	0.2	67.0	0.2	66.8	281.73
28.92	0.0	0.0	66.8	0.2	66.5	0.2	66.3	281.72
29.00	0.0	0.0	66.3	0.2	66.0	0.2	65.8	281.72
29.08	0.0	0.0	65.8	0.2	65.5	0.2	65.3	281.71
[illegible]17	0.0	0.0	65.3	0.2	65.1	0.2	64.8	281.70
[illegible]25	0.0	0.0	64.8	0.2	64.6	0.2	64.3	281.69
29.33	0.0	0.0	64.3	0.2	64.1	0.2	63.8	281.69
29.42	0.0	0.0	63.8	0.2	63.6	0.2	63.4	281.68
29.50	0.0	0.0	63.4	0.2	63.1	0.2	62.9	281.67
29.58	0.0	0.0	62.9	0.2	62.6	0.2	62.4	281.67
29.67	0.0	0.0	62.4	0.2	62.1	0.2	61.9	281.66
29.75	0.0	0.0	61.9	0.2	61.7	0.2	61.4	281.65
29.83	0.0	0.0	61.4	0.2	61.2	0.2	61.0	281.65
29.92	0.0	0.0	61.0	0.2	60.7	0.2	60.5	281.64
30.00	0.0	0.0	60.5	0.2	60.2	0.2	60.0	281.63
30.08	0.0	0.0	60.0	0.2	59.8	0.2	59.5	281.62
30.17	0.0	0.0	59.5	0.2	59.3	0.2	59.1	281.62
30.25	0.0	0.0	59.1	0.2	58.8	0.2	58.6	281.61
30.33	0.0	0.0	58.6	0.2	58.4	0.2	58.1	281.60
30.42	0.0	0.0	58.1	0.2	57.9	0.2	57.7	281.60
30.50	0.0	0.0	57.7	0.2	57.4	0.2	57.2	281.59
30.58	0.0	0.0	57.2	0.2	57.0	0.2	56.7	281.58
30.67	0.0	0.0	56.7	0.2	56.5	0.2	56.3	281.58
30.75	0.0	0.0	56.3	0.2	56.0	0.2	55.8	281.57
30.83	0.0	0.0	55.8	0.2	55.6	0.2	55.4	281.56
30.92	0.0	0.0	55.4	0.2	55.1	0.2	54.9	281.56
31.00	0.0	0.0	54.9	0.2	54.7	0.2	54.5	281.55
31.08	0.0	0.0	54.5	0.2	54.2	0.2	54.0	281.54
31.17	0.0	0.0	54.0	0.2	53.8	0.2	53.5	281.54
31.25	0.0	0.0	53.5	0.2	53.3	0.2	53.1	281.53
[illegible]33	0.0	0.0	53.1	0.2	52.9	0.2	52.6	281.52

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POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
31.42	0.0	0.0	52.6	0.2	52.4	0.2	52.2	281.52
31.50	0.0	0.0	52.2	0.2	52.0	0.2	51.8	281.51
31.58	0.0	0.0	51.8	0.2	51.5	0.2	51.3	281.51
31.67	0.0	0.0	51.3	0.2	51.1	0.2	50.9	281.50
31.75	0.0	0.0	50.9	0.2	50.6	0.2	50.4	281.49
31.83	0.0	0.0	50.4	0.2	50.2	0.2	50.0	281.48
31.92	0.0	0.0	50.0	0.2	49.8	0.2	49.6	281.47
32.00	0.0	0.0	49.6	0.2	49.3	0.2	49.1	281.46
32.08	0.0	0.0	49.1	0.2	48.9	0.2	48.7	281.46
32.17	0.0	0.0	48.7	0.2	48.5	0.2	48.3	281.45
32.25	0.0	0.0	48.3	0.2	48.1	0.2	47.9	281.44
32.33	0.0	0.0	47.9	0.2	47.7	0.2	47.5	281.43
32.42	0.0	0.0	47.5	0.2	47.3	0.2	47.0	281.42
32.50	0.0	0.0	47.0	0.2	46.8	0.2	46.6	281.42
32.58	0.0	0.0	46.6	0.2	46.4	0.2	46.2	281.41
32.67	0.0	0.0	46.2	0.2	46.0	0.2	45.8	281.40
32.75	0.0	0.0	45.8	0.2	45.6	0.2	45.4	281.39
32.83	0.0	0.0	45.4	0.2	45.2	0.2	45.1	281.38
32.92	0.0	0.0	45.1	0.2	44.9	0.2	44.7	281.38
33.00	0.0	0.0	44.7	0.2	44.5	0.2	44.3	281.37
33.08	0.0	0.0	44.3	0.2	44.1	0.2	43.9	281.36
33.17	0.0	0.0	43.9	0.2	43.7	0.2	43.5	281.35
33.25	0.0	0.0	43.5	0.2	43.3	0.2	43.1	281.35
33.33	0.0	0.0	43.1	0.2	43.0	0.2	42.8	281.34
33.42	0.0	0.0	42.8	0.2	42.6	0.2	42.4	281.33
33.50	0.0	0.0	42.4	0.2	42.2	0.2	42.0	281.32
33.58	0.0	0.0	42.0	0.2	41.8	0.2	41.7	281.32
33.67	0.0	0.0	41.7	0.2	41.5	0.2	41.3	281.31
33.75	0.0	0.0	41.3	0.2	41.1	0.2	41.0	281.30
33.83	0.0	0.0	41.0	0.2	40.8	0.2	40.6	281.30
33.92	0.0	0.0	40.6	0.2	40.4	0.2	40.2	281.29
34.00	0.0	0.0	40.2	0.2	40.1	0.2	39.9	281.28
34.08	0.0	0.0	39.9	0.2	39.7	0.2	39.6	281.28
34.17	0.0	0.0	39.6	0.2	39.4	0.2	39.2	281.27
34.25	0.0	0.0	39.2	0.2	39.0	0.2	38.9	281.26
34.33	0.0	0.0	38.9	0.2	38.7	0.2	38.5	281.26
34.42	0.0	0.0	38.5	0.2	38.4	0.2	38.2	281.25

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
34.50	0.0	0.0	38.2	0.2	38.0	0.2	37.9	281.24
34.58	0.0	0.0	37.9	0.2	37.7	0.2	37.5	281.24
34.67	0.0	0.0	37.5	0.2	37.4	0.2	37.2	281.23
34.75	0.0	0.0	37.2	0.2	37.1	0.2	36.9	281.22
34.83	0.0	0.0	36.9	0.2	36.7	0.2	36.6	281.22
34.92	0.0	0.0	36.6	0.2	36.4	0.2	36.3	281.21
35.00	0.0	0.0	36.3	0.2	36.1	0.2	36.0	281.21
35.08	0.0	0.0	36.0	0.2	35.8	0.2	35.6	281.20
35.17	0.0	0.0	35.6	0.2	35.5	0.2	35.3	281.19
35.25	0.0	0.0	35.3	0.2	35.2	0.2	35.0	281.19
35.33	0.0	0.0	35.0	0.2	34.9	0.2	34.7	281.18
35.42	0.0	0.0	34.7	0.2	34.6	0.1	34.4	281.18
35.50	0.0	0.0	34.4	0.1	34.3	0.1	34.1	281.17
35.58	0.0	0.0	34.1	0.1	34.0	0.1	33.8	281.16
35.67	0.0	0.0	33.8	0.1	33.7	0.1	33.5	281.16
35.75	0.0	0.0	33.5	0.1	33.4	0.1	33.3	281.15
35.83	0.0	0.0	33.3	0.1	33.1	0.1	33.0	281.15
35.92	0.0	0.0	33.0	0.1	32.8	0.1	32.7	281.14
36.00	0.0	0.0	32.7	0.1	32.5	0.1	32.4	281.14
36.08	0.0	0.0	32.4	0.1	32.3	0.1	32.1	281.13
36.17	0.0	0.0	32.1	0.1	32.0	0.1	31.8	281.12
36.25	0.0	0.0	31.8	0.1	31.7	0.1	31.6	281.12
36.33	0.0	0.0	31.6	0.1	31.4	0.1	31.3	281.11
36.42	0.0	0.0	31.3	0.1	31.2	0.1	31.0	281.11
36.50	0.0	0.0	31.0	0.1	30.9	0.1	30.8	281.10
36.58	0.0	0.0	30.8	0.1	30.6	0.1	30.5	281.10
36.67	0.0	0.0	30.5	0.1	30.4	0.1	30.2	281.09
36.75	0.0	0.0	30.2	0.1	30.1	0.1	30.0	281.09
36.83	0.0	0.0	30.0	0.1	29.8	0.1	29.7	281.08
36.92	0.0	0.0	29.7	0.1	29.6	0.1	29.4	281.08
37.00	0.0	0.0	29.4	0.1	29.3	0.1	29.2	281.07
37.08	0.0	0.0	29.2	0.1	29.1	0.1	28.9	281.07
37.17	0.0	0.0	28.9	0.1	28.8	0.1	28.7	281.06
37.25	0.0	0.0	28.7	0.1	28.6	0.1	28.4	281.06
37.33	0.0	0.0	28.4	0.1	28.3	0.1	28.2	281.05
37.42	0.0	0.0	28.2	0.1	28.1	0.1	28.0	281.05
37.50	0.0	0.0	28.0	0.1	27.8	0.1	27.7	281.04

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HYDROLOGIC REPORT FOR

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
37.58	0.0	0.0	27.7	0.1	27.6	0.1	27.5	281.04
37.67	0.0	0.0	27.5	0.1	27.4	0.1	27.2	281.03
37.75	0.0	0.0	27.2	0.1	27.1	0.1	27.0	281.03
37.83	0.0	0.0	27.0	0.1	26.9	0.1	26.8	281.03
37.92	0.0	0.0	26.8	0.1	26.7	0.1	26.5	281.02
38.00	0.0	0.0	26.5	0.1	26.4	0.1	26.3	281.02
38.08	0.0	0.0	26.3	0.1	26.2	0.1	26.1	281.01
38.17	0.0	0.0	26.1	0.1	26.0	0.1	25.9	281.01
38.25	0.0	0.0	25.9	0.1	25.7	0.1	25.6	281.00
38.33	0.0	0.0	25.6	0.1	25.5	0.1	25.4	281.00
38.42	0.0	0.0	25.4	0.1	25.3	0.1	25.2	280.99
38.50	0.0	0.0	25.2	0.1	25.1	0.1	25.0	280.99
38.58	0.0	0.0	25.0	0.1	24.9	0.1	24.8	280.99
38.67	0.0	0.0	24.8	0.1	24.6	0.1	24.5	280.98
38.75	0.0	0.0	24.5	0.1	24.4	0.1	24.3	280.98
38.83	0.0	0.0	24.3	0.1	24.2	0.1	24.1	280.97
38.92	0.0	0.0	24.1	0.1	24.0	0.1	23.9	280.97
39.00	0.0	0.0	23.9	0.1	23.8	0.1	23.7	280.97
39.08	0.0	0.0	23.7	0.1	23.6	0.1	23.5	280.96
39.17	0.0	0.0	23.5	0.1	23.4	0.1	23.3	280.96
39.25	0.0	0.0	23.3	0.1	23.2	0.1	23.1	280.95
39.33	0.0	0.0	23.1	0.1	23.0	0.1	22.9	280.95
39.42	0.0	0.0	22.9	0.1	22.8	0.1	22.7	280.95
39.50	0.0	0.0	22.7	0.1	22.6	0.1	22.5	280.94
39.58	0.0	0.0	22.5	0.1	22.4	0.1	22.3	280.94
39.67	0.0	0.0	22.3	0.1	22.2	0.1	22.1	280.93
39.75	0.0	0.0	22.1	0.1	22.0	0.1	21.9	280.93
39.83	0.0	0.0	21.9	0.1	21.8	0.1	21.7	280.93
39.92	0.0	0.0	21.7	0.1	21.6	0.1	21.5	280.92
40.00	0.0	0.0	21.5	0.1	21.5	0.1	21.4	280.92
40.08	0.0	0.0	21.4	0.1	21.3	0.1	21.2	280.92
40.17	0.0	0.0	21.2	0.1	21.1	0.1	21.0	280.91
40.25	0.0	0.0	21.0	0.1	20.9	0.1	20.8	280.91
40.33	0.0	0.0	20.8	0.1	20.7	0.1	20.6	280.90
40.42	0.0	0.0	20.6	0.1	20.5	0.1	20.5	280.90
40.50	0.0	0.0	20.5	0.1	20.4	0.1	20.3	280.90
40.58	0.0	0.0	20.3	0.1	20.2	0.1	20.1	280.89

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
40.67	0.0	0.0	20.1	0.1	20.0	0.1	19.9	280.89
40.75	0.0	0.0	19.9	0.1	19.8	0.1	19.8	280.89
40.83	0.0	0.0	19.8	0.1	19.7	0.1	19.6	280.88
40.92	0.0	0.0	19.6	0.1	19.5	0.1	19.4	280.88
41.00	0.0	0.0	19.4	0.1	19.3	0.1	19.2	280.88
41.08	0.0	0.0	19.2	0.1	19.2	0.1	19.1	280.87
41.17	0.0	0.0	19.1	0.1	19.0	0.1	18.9	280.87
41.25	0.0	0.0	18.9	0.1	18.8	0.1	18.8	280.87
41.33	0.0	0.0	18.8	0.1	18.7	0.1	18.6	280.86
41.42	0.0	0.0	18.6	0.1	18.5	0.1	18.4	280.86
41.50	0.0	0.0	18.4	0.1	18.4	0.1	18.3	280.86
41.58	0.0	0.0	18.3	0.1	18.2	0.1	18.1	280.86
41.67	0.0	0.0	18.1	0.1	18.0	0.1	18.0	280.85
41.75	0.0	0.0	18.0	0.1	17.9	0.1	17.8	280.85
41.83	0.0	0.0	17.8	0.1	17.7	0.1	17.6	280.85
41.92	0.0	0.0	17.6	0.1	17.6	0.1	17.5	280.84
42.00	0.0	0.0	17.5	0.1	17.4	0.1	17.3	280.84
42.08	0.0	0.0	17.3	0.1	17.3	0.1	17.2	280.84
42.17	0.0	0.0	17.2	0.1	17.1	0.1	17.0	280.83
42.25	0.0	0.0	17.0	0.1	17.0	0.1	16.9	280.83
42.33	0.0	0.0	16.9	0.1	16.8	0.1	16.8	280.83
42.42	0.0	0.0	16.8	0.1	16.7	0.1	16.6	280.83
42.50	0.0	0.0	16.6	0.1	16.5	0.1	16.5	280.82
42.58	0.0	0.0	16.5	0.1	16.4	0.1	16.3	280.82
42.67	0.0	0.0	16.3	0.1	16.3	0.1	16.2	280.82
42.75	0.0	0.0	16.2	0.1	16.1	0.1	16.0	280.81
42.83	0.0	0.0	16.0	0.1	16.0	0.1	15.9	280.81
42.92	0.0	0.0	15.9	0.1	15.8	0.1	15.8	280.81
43.00	0.0	0.0	15.8	0.1	15.7	0.1	15.6	280.81
43.08	0.0	0.0	15.6	0.1	15.6	0.1	15.5	280.80
43.17	0.0	0.0	15.5	0.1	15.4	0.1	15.4	280.80
43.25	0.0	0.0	15.4	0.1	15.3	0.1	15.2	280.80
43.33	0.0	0.0	15.2	0.1	15.2	0.1	15.1	280.80
43.42	0.0	0.0	15.1	0.1	15.0	0.1	15.0	280.79
43.50	0.0	0.0	15.0	0.1	14.9	0.1	14.8	280.79
43.58	0.0	0.0	14.8	0.1	14.8	0.1	14.7	280.79
43.67	0.0	0.0	14.7	0.1	14.6	0.1	14.6	280.79

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HYDROLOGIC REPORT FOR

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
2 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
43.75	0.0	0.0	14.6	0.1	14.5	0.1	14.5	280.78
43.83	0.0	0.0	14.5	0.1	14.4	0.1	14.3	280.78
43.92	0.0	0.0	14.3	0.1	14.3	0.1	14.2	280.78
44.00	0.0	0.0	14.2	0.1	14.1	0.1	14.1	280.78
44.08	0.0	0.0	14.1	0.1	14.0	0.1	14.0	280.77
44.17	0.0	0.0	14.0	0.1	13.9	0.1	13.8	280.77
44.25	0.0	0.0	13.8	0.1	13.8	0.1	13.7	280.77
44.33	0.0	0.0	13.7	0.1	13.7	0.1	13.6	280.77
44.42	0.0	0.0	13.6	0.1	13.5	0.1	13.5	280.76
44.50	0.0	0.0	13.5	0.1	13.4	0.1	13.4	280.76
44.58	0.0	0.0	13.4	0.1	13.3	0.1	13.3	280.76
67	0.0	0.0	13.3	0.1	13.2	0.1	13.1	280.76
44.75	0.0	0.0	13.1	0.1	13.1	0.1	13.0	280.76
44.83	0.0	0.0	13.0	0.1	13.0	0.1	12.9	280.75
44.92	0.0	0.0	12.9	0.1	12.9	0.1	12.8	280.75
45.00	0.0	0.0	12.8	0.1	12.7	0.1	12.7	280.75
45.08	0.0	0.0	12.7	0.1	12.6	0.1	12.6	280.75
45.17	0.0	0.0	12.6	0.1	12.5	0.1	12.5	280.74
45.25	0.0	0.0	12.5	0.1	12.4	0.1	12.4	280.74
45.33	0.0	0.0	12.4	0.1	12.3	0.1	12.3	280.74
45.42	0.0	0.0	12.3	0.1	12.2	0.1	12.2	280.74
45.50	0.0	0.0	12.2	0.1	12.1	0.1	12.0	280.74
45.58	0.0	0.0	12.0	0.1	12.0	0.1	11.9	280.73
45.67	0.0	0.0	11.9	0.1	11.9	0.1	11.8	280.73
45.75	0.0	0.0	11.8	0.1	11.8	0.1	11.7	280.73
45.83	0.0	0.0	11.7	0.1	11.7	0.1	11.6	280.73
45.92	0.0	0.0	11.6	0.1	11.6	0.1	11.5	280.73
46.00	0.0	0.0	11.5	0.1	11.5	0.0	11.4	280.72

TIME TO PEAK = 14.17 HOURS
MAXIMUM DISCHARGE = 0.916 C.F.S.
MAXIMUM STORAGE = 22,112.8 CU.FT.
MAXIMUM ELEVATION = 282.78 FEET
INFLOW VOLUME = 40,426.6 CU.FT.
DISCHARGE VOLUME = 38,711.1 CU.FT.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION POSTDEVELOPMENT AREA D
BASIN DISCHARGES INTO MICROPOOL POND

BASIN AREA	=	6.89	ACRES	
BASIN CURVE NUMBER	=	79.73		
24-HOUR PRECIPITATION	=	5.00	INCHES	
24-HOUR RUNOFF	=	2.87	INCHES	
AVERAGE BASIN SLOPE	=	3.00	%	
HYDRAULIC LENGTH	=	1,291.00	FEET	
BASIN LAG ,(Tc)	=	0.23	HOURS ,	0.38 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	7.42	0.0	7.50	0.0	7.58	0.0
7.67	0.0	7.75	0.0	7.83	0.0	7.92	0.0
8.00	0.0	8.08	0.0	8.17	0.0	8.25	0.0
8.33	0.1	8.42	0.1	8.50	0.1	8.58	0.1
8.67	0.1	8.75	0.1	8.83	0.1	8.92	0.1
9.00	0.2	9.08	0.2	9.17	0.2	9.25	0.2
9.33	0.2	9.42	0.2	9.50	0.2	9.58	0.2
9.67	0.3	9.75	0.3	9.83	0.3	9.92	0.3
10.00	0.3	10.08	0.4	10.17	0.4	10.25	0.4
10.33	0.4	10.42	0.5	10.50	0.5	10.58	0.6
10.67	0.6	10.75	0.6	10.83	0.7	10.92	0.7
11.00	0.8	11.08	0.9	11.17	0.9	11.25	1.0
11.33	1.1	11.42	1.2	11.50	1.3	11.58	1.5
11.67	1.7	11.75	1.9	11.83	2.3	11.92	3.3
12.00	5.1	12.08	7.9	12.17	11.3	12.25	14.2
12.33	15.3	12.42	14.3	12.50	12.0	12.58	9.4
12.67	7.2	12.75	5.6	12.83	4.6	12.92	3.9
13.00	3.4	13.08	3.0	13.17	2.7	13.25	2.5
13.33	2.3	13.42	2.2	13.50	2.0	13.58	2.0
13.67	1.9	13.75	1.8	13.83	1.7	13.92	1.6
14.00	1.6	14.08	1.5	14.17	1.5	14.25	1.4
14.33	1.4	14.42	1.4	14.50	1.3	14.58	1.3
14.67	1.3	14.75	1.3	14.83	1.2	14.92	1.2
15.00	1.1	15.08	1.1	15.17	1.1	15.25	1.1
15.33	1.0	15.42	1.0	15.50	1.0	15.58	1.0

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CROTON OVERLOOK

HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
15.67	1.0	15.75	1.0	15.83	1.0	15.92	1.0
16.00	0.9	16.08	0.9	16.17	0.9	16.25	0.9
16.33	0.8	16.42	0.8	16.50	0.8	16.58	0.8
16.67	0.7	16.75	0.7	16.83	0.7	16.92	0.7
17.00	0.7	17.08	0.7	17.17	0.7	17.25	0.7
17.33	0.6	17.42	0.6	17.50	0.6	17.58	0.6
17.67	0.5	17.75	0.5	17.83	0.5	17.92	0.5
18.00	0.5	18.08	0.5	18.17	0.5	18.25	0.5
18.33	0.5	18.42	0.5	18.50	0.5	18.58	0.5
18.67	0.5	18.75	0.4	18.83	0.4	18.92	0.4
19.00	0.4	19.08	0.4	19.17	0.4	19.25	0.4
19.33	0.4	19.42	0.4	19.50	0.4	19.58	0.4
[illegible].67	0.4	19.75	0.4	19.83	0.4	19.92	0.4
[illegible].00	0.4	20.08	0.4	20.17	0.4	20.25	0.4
20.33	0.4	20.42	0.4	20.50	0.4	20.58	0.4
20.67	0.4	20.75	0.4	20.83	0.4	20.92	0.4
21.00	0.4	21.08	0.4	21.17	0.4	21.25	0.3
21.33	0.3	21.42	0.3	21.50	0.3	21.58	0.3
21.67	0.3	21.75	0.3	21.83	0.3	21.92	0.3
22.00	0.3	22.08	0.3	22.17	0.3	22.25	0.3
22.33	0.3	22.42	0.3	22.50	0.3	22.58	0.3
22.67	0.3	22.75	0.3	22.83	0.3	22.92	0.3
23.00	0.3	23.08	0.3	23.17	0.3	23.25	0.3
23.33	0.3	23.42	0.3	23.50	0.3	23.58	0.3
23.67	0.3	23.75	0.3	23.83	0.3	23.92	0.3
24.00	0.3	24.08	0.3	24.17	0.3	24.25	0.2
24.33	0.1	24.42	0.1	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0
25.33	0.0	25.42	0.0	25.50	0.0	25.58	0.0
25.67	0.0	25.75	0.0	25.83	0.0	25.92	0.0

TIME TO PEAK = 12.33 HOURS
PEAK RUNOFF = 15.27 C.F.S.

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HYDROLOGIC REPORT FOR

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER MICROPOOL POND

1 = 3 INCH CIRCULAR ORIFICE - INVERT 280.5
2 = 3 INCH CIRCULAR ORIFICE - INVERT 281.9
3 = 7.5 INCH CIRCULAR ORIFICE - INVERT 282.5
4 = 3 INCH CIRCULAR ORIFICE - INVERT 284

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)
280.50	0.0	0.000	0.0
281.50	7644.0	0.221	51.2
281.90	11774.7	0.267	78.8
282.00	12860.7	0.301	86.0
282.50	18616.2	0.487	124.6
283.00	24922.9	1.261	167.4
284.00	39319.4	2.376	264.5
285.00	56169.9	3.308	377.8
285.50	65526.4	3.661	440.5
286.00	75523.2	3.980	507.5

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HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
8.33	0.0	0.1	0.0	0.0	0.1	0.0	0.1	280.50
8.42	0.1	0.1	0.1	0.0	0.2	0.0	0.2	280.50
8.50	0.1	0.1	0.2	0.0	0.3	0.0	0.3	280.51
8.58	0.1	0.1	0.3	0.0	0.4	0.0	0.4	280.51
8.67	0.1	0.1	0.4	0.0	0.6	0.0	0.6	280.51
8.75	0.1	0.1	0.6	0.0	0.8	0.0	0.8	280.52
8.83	0.1	0.1	0.8	0.0	1.0	0.0	1.0	280.52
8.92	0.1	0.1	1.0	0.0	1.3	0.0	1.3	280.52
9.00	0.1	0.2	1.3	0.0	1.5	0.0	1.5	280.53
9.08	0.2	0.2	1.5	0.0	1.8	0.0	1.8	280.54
9.17	0.2	0.2	1.8	0.0	2.2	0.0	2.2	280.54
9.25	0.2	0.2	2.2	0.0	2.5	0.0	2.5	280.55
9.33	0.2	0.2	2.5	0.0	2.9	0.0	2.9	280.56
9.42	0.2	0.2	2.9	0.0	3.3	0.0	3.3	280.56
9.50	0.2	0.2	3.3	0.0	3.7	0.0	3.7	280.57
9.58	0.2	0.2	3.7	0.0	4.2	0.0	4.1	280.58
9.67	0.2	0.3	4.1	0.0	4.6	0.0	4.6	280.59
9.75	0.3	0.3	4.6	0.0	5.1	0.0	5.1	280.60
9.83	0.3	0.3	5.1	0.0	5.6	0.0	5.6	280.61
9.92	0.3	0.3	5.6	0.0	6.2	0.0	6.2	280.62
10.00	0.3	0.3	6.2	0.0	6.9	0.0	6.8	280.63
10.08	0.3	0.4	6.8	0.0	7.5	0.0	7.5	280.65
10.17	0.4	0.4	7.5	0.0	8.2	0.0	8.2	280.66
10.25	0.4	0.4	8.2	0.0	8.9	0.0	8.9	280.67
10.33	0.4	0.4	8.9	0.0	9.7	0.0	9.7	280.69
10.42	0.4	0.5	9.7	0.0	10.6	0.0	10.5	280.71
10.50	0.5	0.5	10.5	0.0	11.5	0.0	11.4	280.72
10.58	0.5	0.6	11.4	0.0	12.5	0.1	12.4	280.74
10.67	0.6	0.6	12.4	0.1	13.5	0.1	13.5	280.76
10.75	0.6	0.6	13.5	0.1	14.6	0.1	14.6	280.79
10.83	0.6	0.7	14.6	0.1	15.8	0.1	15.8	280.81
10.92	0.7	0.7	15.8	0.1	17.1	0.1	17.0	280.83
11.00	0.7	0.8	17.0	0.1	18.5	0.1	18.4	280.86
11.08	0.8	0.9	18.4	0.1	20.0	0.1	19.9	280.89
11.17	0.9	0.9	19.9	0.1	21.6	0.1	21.5	280.92
11.25	0.9	1.0	21.5	0.1	23.3	0.1	23.2	280.96
11.33	1.0	1.1	23.2	0.1	25.2	0.1	25.1	280.99

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
11.42	1.1	1.2	25.1	0.1	27.3	0.1	27.2	281.03
11.50	1.2	1.3	27.2	0.1	29.5	0.1	29.4	281.08
11.58	1.3	1.5	29.4	0.1	32.1	0.1	32.0	281.13
11.67	1.5	1.7	32.0	0.1	34.9	0.2	34.8	281.18
11.75	1.7	1.9	34.8	0.2	38.2	0.2	38.0	281.25
11.83	1.9	2.3	38.0	0.2	42.1	0.2	41.9	281.32
11.92	2.3	3.3	41.9	0.2	47.4	0.2	47.2	281.43
12.00	3.3	5.1	47.2	0.2	55.4	0.2	55.2	281.56
12.08	5.1	7.9	55.2	0.2	67.9	0.2	67.7	281.74
12.17	7.9	11.3	67.7	0.2	86.6	0.3	86.3	282.01
12.25	11.3	14.2	86.3	0.3	111.6	0.4	111.1	282.33
12.33	14.2	15.3	111.1	0.4	140.2	0.8	139.4	282.68
12.42	15.3	14.3	139.4	0.8	168.2	1.3	166.9	283.01
12.50	14.3	12.0	166.9	1.3	192.0	1.5	190.4	283.25
12.58	12.0	9.4	190.4	1.5	210.3	1.8	208.6	283.44
12.67	9.4	7.2	208.6	1.8	223.4	1.9	221.5	283.58
12.75	7.2	5.6	221.5	1.9	232.5	2.0	230.5	283.67
12.83	5.6	4.6	230.5	2.0	238.7	2.1	236.6	283.73
12.92	4.6	3.9	236.6	2.1	243.0	2.1	240.9	283.78
13.00	3.9	3.4	240.9	2.1	246.0	2.2	243.8	283.81
13.08	3.4	3.0	243.8	2.2	248.0	2.2	245.8	283.83
13.17	3.0	2.7	245.8	2.2	249.2	2.2	247.0	283.84
13.25	2.7	2.5	247.0	2.2	250.0	2.2	247.8	283.85
13.33	2.5	2.3	247.8	2.2	250.3	2.2	248.1	283.85
13.42	2.3	2.2	248.1	2.2	250.3	2.2	248.1	283.85
13.50	2.2	2.0	248.1	2.2	250.1	2.2	247.9	283.85
13.58	2.0	2.0	247.9	2.2	249.7	2.2	247.5	283.85
13.67	2.0	1.9	247.5	2.2	249.1	2.2	246.9	283.84
13.75	1.9	1.8	246.9	2.2	248.3	2.2	246.1	283.83
13.83	1.8	1.7	246.1	2.2	247.4	2.2	245.2	283.82
13.92	1.7	1.6	245.2	2.2	246.3	2.2	244.1	283.81
14.00	1.6	1.6	244.1	2.2	245.2	2.2	243.0	283.80
14.08	1.6	1.5	243.0	2.2	243.9	2.1	241.8	283.79
14.17	1.5	1.5	241.8	2.1	242.6	2.1	240.5	283.77
14.25	1.5	1.4	240.5	2.1	241.3	2.1	239.2	283.76
14.33	1.4	1.4	239.2	2.1	239.9	2.1	237.8	283.75
14.42	1.4	1.4	237.8	2.1	238.4	2.1	236.4	283.73

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
14.50	1.4	1.3	236.4	2.1	237.0	2.1	234.9	283.72
14.58	1.3	1.3	234.9	2.1	235.6	2.0	233.5	283.70
14.67	1.3	1.3	233.5	2.0	234.1	2.0	232.1	283.69
14.75	1.3	1.3	232.1	2.0	232.6	2.0	230.6	283.67
14.83	1.3	1.2	230.6	2.0	231.1	2.0	229.1	283.66
14.92	1.2	1.2	229.1	2.0	229.5	2.0	227.5	283.64
15.00	1.2	1.1	227.5	2.0	227.8	2.0	225.9	283.62
15.08	1.1	1.1	225.9	2.0	226.2	1.9	224.3	283.61
15.17	1.1	1.1	224.3	1.9	224.5	1.9	222.6	283.59
15.25	1.1	1.1	222.6	1.9	222.9	1.9	221.0	283.57
15.33	1.1	1.0	221.0	1.9	221.2	1.9	219.3	283.55
15.42	1.0	1.0	219.3	1.9	219.5	1.9	217.7	283.54
15.50	1.0	1.0	217.7	1.9	217.8	1.8	216.0	283.52
15.58	1.0	1.0	216.0	1.8	216.2	1.8	214.4	283.50
15.67	1.0	1.0	214.4	1.8	214.5	1.8	212.7	283.49
15.75	1.0	1.0	212.7	1.8	212.9	1.8	211.1	283.47
15.83	1.0	1.0	211.1	1.8	211.3	1.8	209.5	283.45
15.92	1.0	1.0	209.5	1.8	209.7	1.7	207.9	283.44
16.00	1.0	0.9	207.9	1.7	208.1	1.7	206.4	283.42
16.08	0.9	0.9	206.4	1.7	206.5	1.7	204.8	283.40
16.17	0.9	0.9	204.8	1.7	205.0	1.7	203.3	283.39
16.25	0.9	0.9	203.3	1.7	203.4	1.7	201.7	283.37
16.33	0.9	0.8	201.7	1.7	201.7	1.7	200.1	283.35
16.42	0.8	0.8	200.1	1.7	200.1	1.6	198.4	283.34
16.50	0.8	0.8	198.4	1.6	198.3	1.6	196.7	283.32
16.58	0.8	0.8	196.7	1.6	196.6	1.6	195.0	283.30
16.67	0.8	0.7	195.0	1.6	194.9	1.6	193.4	283.28
16.75	0.7	0.7	193.4	1.6	193.3	1.6	191.7	283.27
16.83	0.7	0.7	191.7	1.6	191.6	1.5	190.1	283.25
16.92	0.7	0.7	190.1	1.5	190.0	1.5	188.5	283.23
17.00	0.7	0.7	188.5	1.5	188.5	1.5	187.0	283.22
17.08	0.7	0.7	187.0	1.5	187.0	1.5	185.5	283.20
17.17	0.7	0.7	185.5	1.5	185.4	1.5	184.0	283.19
17.25	0.7	0.7	184.0	1.5	183.9	1.5	182.5	283.17
17.33	0.7	0.6	182.5	1.5	182.3	1.4	180.9	283.15
17.42	0.6	0.6	180.9	1.4	180.7	1.4	179.3	283.14
17.50	0.6	0.6	179.3	1.4	179.0	1.4	177.6	283.12

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
17.58	0.6	0.6	177.6	1.4	177.3	1.4	175.9	283.10
17.67	0.6	0.5	175.9	1.4	175.7	1.4	174.3	283.09
17.75	0.5	0.5	174.3	1.4	174.0	1.3	172.7	283.07
17.83	0.5	0.5	172.7	1.3	172.4	1.3	171.1	283.05
17.92	0.5	0.5	171.1	1.3	170.9	1.3	169.6	283.04
18.00	0.5	0.5	169.6	1.3	169.4	1.3	168.1	283.02
18.08	0.5	0.5	168.1	1.3	167.9	1.3	166.6	283.00
18.17	0.5	0.5	166.6	1.3	166.4	1.2	165.1	282.99
18.25	0.5	0.5	165.1	1.2	164.9	1.2	163.7	282.97
18.33	0.5	0.5	163.7	1.2	163.5	1.2	162.3	282.95
18.42	0.5	0.5	162.3	1.2	162.1	1.2	160.9	282.94
18.50	0.5	0.5	160.9	1.2	160.7	1.1	159.5	282.92
18.58	0.5	0.5	159.5	1.1	159.3	1.1	158.2	282.91
18.67	0.5	0.5	158.2	1.1	158.0	1.1	156.9	282.89
18.75	0.5	0.4	156.9	1.1	156.7	1.1	155.6	282.88
18.83	0.4	0.4	155.6	1.1	155.5	1.0	154.4	282.86
18.92	0.4	0.4	154.4	1.0	154.3	1.0	153.3	282.85
19.00	0.4	0.4	153.3	1.0	153.1	1.0	152.1	282.83
19.08	0.4	0.4	152.1	1.0	152.0	1.0	151.0	282.82
19.17	0.4	0.4	151.0	1.0	150.9	1.0	150.0	282.81
19.25	0.4	0.4	150.0	1.0	149.9	0.9	148.9	282.80
19.33	0.4	0.4	148.9	0.9	148.8	0.9	147.9	282.78
19.42	0.4	0.4	147.9	0.9	147.8	0.9	146.9	282.77
19.50	0.4	0.4	146.9	0.9	146.8	0.9	145.9	282.76
19.58	0.4	0.4	145.9	0.9	145.8	0.9	145.0	282.75
19.67	0.4	0.4	145.0	0.9	144.9	0.9	144.0	282.74
19.75	0.4	0.4	144.0	0.9	143.9	0.8	143.1	282.73
19.83	0.4	0.4	143.1	0.8	143.1	0.8	142.2	282.72
19.92	0.4	0.4	142.2	0.8	142.2	0.8	141.4	282.71
20.00	0.4	0.4	141.4	0.8	141.4	0.8	140.6	282.70
20.08	0.4	0.4	140.6	0.8	140.6	0.8	139.8	282.69
20.17	0.4	0.4	139.8	0.8	139.8	0.8	139.0	282.68
20.25	0.4	0.4	139.0	0.8	139.0	0.7	138.3	282.67
20.33	0.4	0.4	138.3	0.7	138.3	0.7	137.5	282.66
20.42	0.4	0.4	137.5	0.7	137.6	0.7	136.8	282.65
20.50	0.4	0.4	136.8	0.7	136.8	0.7	136.1	282.64
20.58	0.4	0.4	136.1	0.7	136.2	0.7	135.5	282.64

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POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
20.67	0.4	0.4	135.5	0.7	135.5	0.7	134.8	282.63
20.75	0.4	0.4	134.8	0.7	134.8	0.7	134.2	282.62
20.83	0.4	0.4	134.2	0.7	134.2	0.7	133.6	282.61
20.92	0.4	0.4	133.6	0.7	133.6	0.6	133.0	282.61
21.00	0.4	0.4	133.0	0.6	133.0	0.6	132.4	282.60
21.08	0.4	0.4	132.4	0.6	132.5	0.6	131.9	282.59
21.17	0.4	0.4	131.9	0.6	131.9	0.6	131.3	282.59
21.25	0.4	0.3	131.3	0.6	131.4	0.6	130.8	282.58
21.33	0.3	0.3	130.8	0.6	130.9	0.6	130.3	282.57
21.42	0.3	0.3	130.3	0.6	130.3	0.6	129.7	282.57
21.50	0.3	0.3	129.7	0.6	129.8	0.6	129.2	282.56
21.58	0.3	0.3	129.2	0.6	129.3	0.6	128.7	282.55
21.67	0.3	0.3	128.7	0.6	128.7	0.6	128.2	282.55
21.75	0.3	0.3	128.2	0.6	128.2	0.6	127.7	282.54
21.83	0.3	0.3	127.7	0.6	127.8	0.5	127.2	282.54
21.92	0.3	0.3	127.2	0.5	127.3	0.5	126.8	282.53
22.00	0.3	0.3	126.8	0.5	126.8	0.5	126.3	282.53
22.08	0.3	0.3	126.3	0.5	126.4	0.5	125.9	282.52
22.17	0.3	0.3	125.9	0.5	126.0	0.5	125.5	282.52
22.25	0.3	0.3	125.5	0.5	125.6	0.5	125.1	282.51
22.33	0.3	0.3	125.1	0.5	125.2	0.5	124.7	282.51
22.42	0.3	0.3	124.7	0.5	124.8	0.5	124.3	282.50
22.50	0.3	0.3	124.3	0.5	124.5	0.5	124.0	282.50
22.58	0.3	0.3	124.0	0.5	124.1	0.5	123.6	282.49
22.67	0.3	0.3	123.6	0.5	123.8	0.5	123.3	282.49
22.75	0.3	0.3	123.3	0.5	123.4	0.5	123.0	282.48
22.83	0.3	0.3	123.0	0.5	123.1	0.5	122.6	282.48
22.92	0.3	0.3	122.6	0.5	122.8	0.5	122.3	282.48
23.00	0.3	0.3	122.3	0.5	122.4	0.5	121.9	282.47
23.08	0.3	0.3	121.9	0.5	122.1	0.5	121.6	282.47
23.17	0.3	0.3	121.6	0.5	121.8	0.5	121.3	282.46
23.25	0.3	0.3	121.3	0.5	121.4	0.5	121.0	282.46
23.33	0.3	0.3	121.0	0.5	121.1	0.5	120.7	282.46
23.42	0.3	0.3	120.7	0.5	120.8	0.5	120.3	282.45
23.50	0.3	0.3	120.3	0.5	120.5	0.5	120.0	282.45
23.58	0.3	0.3	120.0	0.5	120.2	0.5	119.7	282.44
23.67	0.3	0.3	119.7	0.5	119.9	0.5	119.4	282.44

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
23.75	0.3	0.3	119.4	0.5	119.6	0.5	119.1	282.43
23.83	0.3	0.3	119.1	0.5	119.3	0.5	118.8	282.43
23.92	0.3	0.3	118.8	0.5	119.0	0.5	118.5	282.43
24.00	0.3	0.3	118.5	0.5	118.7	0.5	118.2	282.42
24.08	0.3	0.3	118.2	0.5	118.4	0.5	117.9	282.42
24.17	0.3	0.3	117.9	0.5	118.1	0.5	117.6	282.42
24.25	0.3	0.2	117.6	0.5	117.7	0.5	117.2	282.41
24.33	0.2	0.1	117.2	0.5	117.1	0.5	116.7	282.40
24.42	0.1	0.1	116.7	0.5	116.4	0.4	116.0	282.39
24.50	0.1	0.0	116.0	0.4	115.7	0.4	115.2	282.38
24.58	0.0	0.0	115.2	0.4	114.9	0.4	114.4	282.37
67	0.0	0.0	114.4	0.4	114.0	0.4	113.6	282.36
.75	0.0	0.0	113.6	0.4	113.2	0.4	112.8	282.35
24.83	0.0	0.0	112.8	0.4	112.3	0.4	111.9	282.34
24.92	0.0	0.0	111.9	0.4	111.5	0.4	111.1	282.33
25.00	0.0	0.0	111.1	0.4	110.7	0.4	110.2	282.32
25.08	0.0	0.0	110.2	0.4	109.8	0.4	109.4	282.31
25.17	0.0	0.0	109.4	0.4	109.0	0.4	108.6	282.30
25.25	0.0	0.0	108.6	0.4	108.2	0.4	107.8	282.29
25.33	0.0	0.0	107.8	0.4	107.4	0.4	107.0	282.28
25.42	0.0	0.0	107.0	0.4	106.5	0.4	106.1	282.27
25.50	0.0	0.0	106.1	0.4	105.7	0.4	105.4	282.26
25.58	0.0	0.0	105.4	0.4	105.0	0.4	104.6	282.25
25.67	0.0	0.0	104.6	0.4	104.2	0.4	103.8	282.24
25.75	0.0	0.0	103.8	0.4	103.4	0.4	103.0	282.23
25.83	0.0	0.0	103.0	0.4	102.6	0.4	102.2	282.22
25.92	0.0	0.0	102.2	0.4	101.9	0.4	101.5	282.21
26.00	0.0	0.0	101.5	0.4	101.1	0.4	100.7	282.20
26.08	0.0	0.0	100.7	0.4	100.4	0.4	100.0	282.19
26.17	0.0	0.0	100.0	0.4	99.6	0.4	99.3	282.18
26.25	0.0	0.0	99.3	0.4	98.9	0.4	98.5	282.17
26.33	0.0	0.0	98.5	0.4	98.2	0.4	97.8	282.16
26.42	0.0	0.0	97.8	0.4	97.4	0.4	97.1	282.15
26.50	0.0	0.0	97.1	0.4	96.7	0.4	96.4	282.14
26.58	0.0	0.0	96.4	0.4	96.0	0.3	95.7	282.13
26.67	0.0	0.0	95.7	0.3	95.3	0.3	95.0	282.12
26.75	0.0	0.0	95.0	0.3	94.6	0.3	94.3	282.11

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
26.83	0.0	0.0	94.3	0.3	94.0	0.3	93.6	282.10
26.92	0.0	0.0	93.6	0.3	93.3	0.3	92.9	282.09
27.00	0.0	0.0	92.9	0.3	92.6	0.3	92.3	282.09
27.08	0.0	0.0	92.3	0.3	91.9	0.3	91.6	282.08
27.17	0.0	0.0	91.6	0.3	91.3	0.3	91.0	282.07
27.25	0.0	0.0	91.0	0.3	90.6	0.3	90.3	282.06
27.33	0.0	0.0	90.3	0.3	90.0	0.3	89.7	282.05
27.42	0.0	0.0	89.7	0.3	89.3	0.3	89.0	282.04
27.50	0.0	0.0	89.0	0.3	88.7	0.3	88.4	282.03
27.58	0.0	0.0	88.4	0.3	88.1	0.3	87.8	282.03
27.67	0.0	0.0	87.8	0.3	87.5	0.3	87.2	282.02
27.75	0.0	0.0	87.2	0.3	86.8	0.3	86.5	282.01
27.83	0.0	0.0	86.5	0.3	86.2	0.3	85.9	282.00
27.92	0.0	0.0	85.9	0.3	85.6	0.3	85.3	281.99
28.00	0.0	0.0	85.3	0.3	85.0	0.3	84.7	281.99
28.08	0.0	0.0	84.7	0.3	84.4	0.3	84.2	281.98
28.17	0.0	0.0	84.2	0.3	83.9	0.3	83.6	281.97
28.25	0.0	0.0	83.6	0.3	83.3	0.3	83.0	281.96
28.33	0.0	0.0	83.0	0.3	82.7	0.3	82.4	281.95
28.42	0.0	0.0	82.4	0.3	82.1	0.3	81.8	281.95
28.50	0.0	0.0	81.8	0.3	81.6	0.3	81.3	281.94
28.58	0.0	0.0	81.3	0.3	81.0	0.3	80.7	281.93
28.67	0.0	0.0	80.7	0.3	80.5	0.3	80.2	281.92
28.75	0.0	0.0	80.2	0.3	79.9	0.3	79.6	281.92
28.83	0.0	0.0	79.6	0.3	79.4	0.3	79.1	281.91
28.92	0.0	0.0	79.1	0.3	78.8	0.3	78.5	281.90
29.00	0.0	0.0	78.5	0.3	78.3	0.3	78.0	281.89
29.08	0.0	0.0	78.0	0.3	77.8	0.3	77.5	281.89
29.17	0.0	0.0	77.5	0.3	77.2	0.3	77.0	281.88
29.25	0.0	0.0	77.0	0.3	76.7	0.3	76.4	281.87
29.33	0.0	0.0	76.4	0.3	76.2	0.3	75.9	281.86
29.42	0.0	0.0	75.9	0.3	75.6	0.3	75.4	281.85
29.50	0.0	0.0	75.4	0.3	75.1	0.3	74.9	281.85
29.58	0.0	0.0	74.9	0.3	74.6	0.3	74.3	281.84
29.67	0.0	0.0	74.3	0.3	74.1	0.3	73.8	281.83
29.75	0.0	0.0	73.8	0.3	73.6	0.3	73.3	281.82
29.83	0.0	0.0	73.3	0.3	73.0	0.3	72.8	281.82

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POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
29.92	0.0	0.0	72.8	0.3	72.5	0.3	72.3	281.81
30.00	0.0	0.0	72.3	0.3	72.0	0.3	71.8	281.80
30.08	0.0	0.0	71.8	0.3	71.5	0.3	71.2	281.79
30.17	0.0	0.0	71.2	0.3	71.0	0.3	70.7	281.79
30.25	0.0	0.0	70.7	0.3	70.5	0.3	70.2	281.78
30.33	0.0	0.0	70.2	0.3	70.0	0.3	69.7	281.77
30.42	0.0	0.0	69.7	0.3	69.5	0.3	69.2	281.77
30.50	0.0	0.0	69.2	0.3	69.0	0.3	68.7	281.76
30.58	0.0	0.0	68.7	0.3	68.5	0.2	68.2	281.75
30.67	0.0	0.0	68.2	0.2	68.0	0.2	67.7	281.74
30.75	0.0	0.0	67.7	0.2	67.5	0.2	67.2	281.74
30.83	0.0	0.0	67.2	0.2	67.0	0.2	66.7	281.73
30.92	0.0	0.0	66.7	0.2	66.5	0.2	66.2	281.72
31.00	0.0	0.0	66.2	0.2	66.0	0.2	65.7	281.71
31.08	0.0	0.0	65.7	0.2	65.5	0.2	65.3	281.71
31.17	0.0	0.0	65.3	0.2	65.0	0.2	64.8	281.70
31.25	0.0	0.0	64.8	0.2	64.5	0.2	64.3	281.69
31.33	0.0	0.0	64.3	0.2	64.0	0.2	63.8	281.69
31.42	0.0	0.0	63.8	0.2	63.5	0.2	63.3	281.68
31.50	0.0	0.0	63.3	0.2	63.1	0.2	62.8	281.67
31.58	0.0	0.0	62.8	0.2	62.6	0.2	62.3	281.67
31.67	0.0	0.0	62.3	0.2	62.1	0.2	61.9	281.66
31.75	0.0	0.0	61.9	0.2	61.6	0.2	61.4	281.65
31.83	0.0	0.0	61.4	0.2	61.1	0.2	60.9	281.64
31.92	0.0	0.0	60.9	0.2	60.7	0.2	60.4	281.64
32.00	0.0	0.0	60.4	0.2	60.2	0.2	60.0	281.63
32.08	0.0	0.0	60.0	0.2	59.7	0.2	59.5	281.62
32.17	0.0	0.0	59.5	0.2	59.3	0.2	59.0	281.62
32.25	0.0	0.0	59.0	0.2	58.8	0.2	58.6	281.61
32.33	0.0	0.0	58.6	0.2	58.3	0.2	58.1	281.60
32.42	0.0	0.0	58.1	0.2	57.9	0.2	57.6	281.60
32.50	0.0	0.0	57.6	0.2	57.4	0.2	57.2	281.59
32.58	0.0	0.0	57.2	0.2	56.9	0.2	56.7	281.58
32.67	0.0	0.0	56.7	0.2	56.5	0.2	56.2	281.58
32.75	0.0	0.0	56.2	0.2	56.0	0.2	55.8	281.57
32.83	0.0	0.0	55.8	0.2	55.5	0.2	55.3	281.56
32.92	0.0	0.0	55.3	0.2	55.1	0.2	54.9	281.56

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POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
33.00	0.0	0.0	54.9	0.2	54.6	0.2	54.4	281.55
33.08	0.0	0.0	54.4	0.2	54.2	0.2	54.0	281.54
33.17	0.0	0.0	54.0	0.2	53.7	0.2	53.5	281.54
33.25	0.0	0.0	53.5	0.2	53.3	0.2	53.1	281.53
33.33	0.0	0.0	53.1	0.2	52.8	0.2	52.6	281.52
33.42	0.0	0.0	52.6	0.2	52.4	0.2	52.2	281.52
33.50	0.0	0.0	52.2	0.2	51.9	0.2	51.7	281.51
33.58	0.0	0.0	51.7	0.2	51.5	0.2	51.3	281.50
33.67	0.0	0.0	51.3	0.2	51.0	0.2	50.8	281.50
33.75	0.0	0.0	50.8	0.2	50.6	0.2	50.4	281.49
33.83	0.0	0.0	50.4	0.2	50.2	0.2	50.0	281.48
33.92	0.0	0.0	50.0	0.2	49.7	0.2	49.5	281.47
34.00	0.0	0.0	49.5	0.2	49.3	0.2	49.1	281.46
34.08	0.0	0.0	49.1	0.2	48.9	0.2	48.7	281.46
34.17	0.0	0.0	48.7	0.2	48.5	0.2	48.2	281.45
34.25	0.0	0.0	48.2	0.2	48.0	0.2	47.8	281.44
34.33	0.0	0.0	47.8	0.2	47.6	0.2	47.4	281.43
34.42	0.0	0.0	47.4	0.2	47.2	0.2	47.0	281.42
34.50	0.0	0.0	47.0	0.2	46.8	0.2	46.6	281.41
34.58	0.0	0.0	46.6	0.2	46.4	0.2	46.2	281.41
34.67	0.0	0.0	46.2	0.2	46.0	0.2	45.8	281.40
34.75	0.0	0.0	45.8	0.2	45.6	0.2	45.4	281.39
34.83	0.0	0.0	45.4	0.2	45.2	0.2	45.0	281.38
34.92	0.0	0.0	45.0	0.2	44.8	0.2	44.6	281.38
35.00	0.0	0.0	44.6	0.2	44.4	0.2	44.2	281.37
35.08	0.0	0.0	44.2	0.2	44.0	0.2	43.9	281.36
35.17	0.0	0.0	43.9	0.2	43.7	0.2	43.5	281.35
35.25	0.0	0.0	43.5	0.2	43.3	0.2	43.1	281.35
35.33	0.0	0.0	43.1	0.2	42.9	0.2	42.7	281.34
35.42	0.0	0.0	42.7	0.2	42.5	0.2	42.4	281.33
35.50	0.0	0.0	42.4	0.2	42.2	0.2	42.0	281.32
35.58	0.0	0.0	42.0	0.2	41.8	0.2	41.6	281.32
35.67	0.0	0.0	41.6	0.2	41.5	0.2	41.3	281.31
35.75	0.0	0.0	41.3	0.2	41.1	0.2	40.9	281.30
35.83	0.0	0.0	40.9	0.2	40.7	0.2	40.6	281.30
35.92	0.0	0.0	40.6	0.2	40.4	0.2	40.2	281.29
36.00	0.0	0.0	40.2	0.2	40.0	0.2	39.9	281.28

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POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
36.08	0.0	0.0	39.9	0.2	39.7	0.2	39.5	281.28
36.17	0.0	0.0	39.5	0.2	39.3	0.2	39.2	281.27
36.25	0.0	0.0	39.2	0.2	39.0	0.2	38.8	281.26
36.33	0.0	0.0	38.8	0.2	38.7	0.2	38.5	281.26
36.42	0.0	0.0	38.5	0.2	38.3	0.2	38.2	281.25
36.50	0.0	0.0	38.2	0.2	38.0	0.2	37.8	281.24
36.58	0.0	0.0	37.8	0.2	37.7	0.2	37.5	281.24
36.67	0.0	0.0	37.5	0.2	37.4	0.2	37.2	281.23
36.75	0.0	0.0	37.2	0.2	37.0	0.2	36.9	281.22
36.83	0.0	0.0	36.9	0.2	36.7	0.2	36.6	281.22
36.92	0.0	0.0	36.6	0.2	36.4	0.2	36.2	281.21
37.00	0.0	0.0	36.2	0.2	36.1	0.2	35.9	281.20
37.08	0.0	0.0	35.9	0.2	35.8	0.2	35.6	281.20
37.17	0.0	0.0	35.6	0.2	35.5	0.2	35.3	281.19
37.25	0.0	0.0	35.3	0.2	35.2	0.2	35.0	281.19
37.33	0.0	0.0	35.0	0.2	34.8	0.2	34.7	281.18
37.42	0.0	0.0	34.7	0.2	34.5	0.1	34.4	281.17
37.50	0.0	0.0	34.4	0.1	34.2	0.1	34.1	281.17
37.58	0.0	0.0	34.1	0.1	34.0	0.1	33.8	281.16
37.67	0.0	0.0	33.8	0.1	33.7	0.1	33.5	281.16
37.75	0.0	0.0	33.5	0.1	33.4	0.1	33.2	281.15
37.83	0.0	0.0	33.2	0.1	33.1	0.1	32.9	281.15
37.92	0.0	0.0	32.9	0.1	32.8	0.1	32.7	281.14
38.00	0.0	0.0	32.7	0.1	32.5	0.1	32.4	281.14
38.08	0.0	0.0	32.4	0.1	32.2	0.1	32.1	281.13
38.17	0.0	0.0	32.1	0.1	32.0	0.1	31.8	281.12
38.25	0.0	0.0	31.8	0.1	31.7	0.1	31.5	281.12
38.33	0.0	0.0	31.5	0.1	31.4	0.1	31.3	281.11
38.42	0.0	0.0	31.3	0.1	31.1	0.1	31.0	281.11
38.50	0.0	0.0	31.0	0.1	30.9	0.1	30.7	281.10
38.58	0.0	0.0	30.7	0.1	30.6	0.1	30.5	281.10
38.67	0.0	0.0	30.5	0.1	30.3	0.1	30.2	281.09
38.75	0.0	0.0	30.2	0.1	30.1	0.1	29.9	281.09
38.83	0.0	0.0	29.9	0.1	29.8	0.1	29.7	281.08
38.92	0.0	0.0	29.7	0.1	29.6	0.1	29.4	281.08
39.00	0.0	0.0	29.4	0.1	29.3	0.1	29.2	281.07
39.08	0.0	0.0	29.2	0.1	29.0	0.1	28.9	281.07

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
39.17	0.0	0.0	28.9	0.1	28.8	0.1	28.7	281.06
39.25	0.0	0.0	28.7	0.1	28.5	0.1	28.4	281.06
39.33	0.0	0.0	28.4	0.1	28.3	0.1	28.2	281.05
39.42	0.0	0.0	28.2	0.1	28.1	0.1	27.9	281.05
39.50	0.0	0.0	27.9	0.1	27.8	0.1	27.7	281.04
39.58	0.0	0.0	27.7	0.1	27.6	0.1	27.4	281.04
39.67	0.0	0.0	27.4	0.1	27.3	0.1	27.2	281.03
39.75	0.0	0.0	27.2	0.1	27.1	0.1	27.0	281.03
39.83	0.0	0.0	27.0	0.1	26.9	0.1	26.7	281.02
39.92	0.0	0.0	26.7	0.1	26.6	0.1	26.5	281.02
40.00	0.0	0.0	26.5	0.1	26.4	0.1	26.3	281.02
08	0.0	0.0	26.3	0.1	26.2	0.1	26.1	281.01
40.17	0.0	0.0	26.1	0.1	25.9	0.1	25.8	281.01
40.25	0.0	0.0	25.8	0.1	25.7	0.1	25.6	281.00
40.33	0.0	0.0	25.6	0.1	25.5	0.1	25.4	281.00
40.42	0.0	0.0	25.4	0.1	25.3	0.1	25.2	280.99
40.50	0.0	0.0	25.2	0.1	25.1	0.1	25.0	280.99
40.58	0.0	0.0	25.0	0.1	24.8	0.1	24.7	280.99
40.67	0.0	0.0	24.7	0.1	24.6	0.1	24.5	280.98
40.75	0.0	0.0	24.5	0.1	24.4	0.1	24.3	280.98
40.83	0.0	0.0	24.3	0.1	24.2	0.1	24.1	280.97
40.92	0.0	0.0	24.1	0.1	24.0	0.1	23.9	280.97
41.00	0.0	0.0	23.9	0.1	23.8	0.1	23.7	280.96
41.08	0.0	0.0	23.7	0.1	23.6	0.1	23.5	280.96
41.17	0.0	0.0	23.5	0.1	23.4	0.1	23.3	280.96
41.25	0.0	0.0	23.3	0.1	23.2	0.1	23.1	280.95
41.33	0.0	0.0	23.1	0.1	23.0	0.1	22.9	280.95
41.42	0.0	0.0	22.9	0.1	22.8	0.1	22.7	280.95
41.50	0.0	0.0	22.7	0.1	22.6	0.1	22.5	280.94
41.58	0.0	0.0	22.5	0.1	22.4	0.1	22.3	280.94
41.67	0.0	0.0	22.3	0.1	22.2	0.1	22.1	280.93
41.75	0.0	0.0	22.1	0.1	22.0	0.1	21.9	280.93
41.83	0.0	0.0	21.9	0.1	21.8	0.1	21.7	280.93
41.92	0.0	0.0	21.7	0.1	21.6	0.1	21.5	280.92
42.00	0.0	0.0	21.5	0.1	21.4	0.1	21.3	280.92
42.08	0.0	0.0	21.3	0.1	21.3	0.1	21.2	280.92
17	0.0	0.0	21.2	0.1	21.1	0.1	21.0	280.91

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
42.25	0.0	0.0	21.0	0.1	20.9	0.1	20.8	280.91
42.33	0.0	0.0	20.8	0.1	20.7	0.1	20.6	280.90
42.42	0.0	0.0	20.6	0.1	20.5	0.1	20.4	280.90
42.50	0.0	0.0	20.4	0.1	20.3	0.1	20.3	280.90
42.58	0.0	0.0	20.3	0.1	20.2	0.1	20.1	280.89
42.67	0.0	0.0	20.1	0.1	20.0	0.1	19.9	280.89
42.75	0.0	0.0	19.9	0.1	19.8	0.1	19.7	280.89
42.83	0.0	0.0	19.7	0.1	19.7	0.1	19.6	280.88
42.92	0.0	0.0	19.6	0.1	19.5	0.1	19.4	280.88
43.00	0.0	0.0	19.4	0.1	19.3	0.1	19.2	280.88
43.08	0.0	0.0	19.2	0.1	19.1	0.1	19.1	280.87
43.17	0.0	0.0	19.1	0.1	19.0	0.1	18.9	280.87
43.25	0.0	0.0	18.9	0.1	18.8	0.1	18.7	280.87
43.33	0.0	0.0	18.7	0.1	18.7	0.1	18.6	280.86
43.42	0.0	0.0	18.6	0.1	18.5	0.1	18.4	280.86
43.50	0.0	0.0	18.4	0.1	18.3	0.1	18.3	280.86
43.58	0.0	0.0	18.3	0.1	18.2	0.1	18.1	280.86
43.67	0.0	0.0	18.1	0.1	18.0	0.1	17.9	280.85
43.75	0.0	0.0	17.9	0.1	17.9	0.1	17.8	280.85
43.83	0.0	0.0	17.8	0.1	17.7	0.1	17.6	280.85
43.92	0.0	0.0	17.6	0.1	17.6	0.1	17.5	280.84
44.00	0.0	0.0	17.5	0.1	17.4	0.1	17.3	280.84
44.08	0.0	0.0	17.3	0.1	17.3	0.1	17.2	280.84
44.17	0.0	0.0	17.2	0.1	17.1	0.1	17.0	280.83
44.25	0.0	0.0	17.0	0.1	17.0	0.1	16.9	280.83
44.33	0.0	0.0	16.9	0.1	16.8	0.1	16.7	280.83
44.42	0.0	0.0	16.7	0.1	16.7	0.1	16.6	280.83
44.50	0.0	0.0	16.6	0.1	16.5	0.1	16.5	280.82
44.58	0.0	0.0	16.5	0.1	16.4	0.1	16.3	280.82
44.67	0.0	0.0	16.3	0.1	16.2	0.1	16.2	280.82
44.75	0.0	0.0	16.2	0.1	16.1	0.1	16.0	280.81
44.83	0.0	0.0	16.0	0.1	16.0	0.1	15.9	280.81
44.92	0.0	0.0	15.9	0.1	15.8	0.1	15.8	280.81
45.00	0.0	0.0	15.8	0.1	15.7	0.1	15.6	280.81
45.08	0.0	0.0	15.6	0.1	15.5	0.1	15.5	280.80
45.17	0.0	0.0	15.5	0.1	15.4	0.1	15.3	280.80
45.25	0.0	0.0	15.3	0.1	15.3	0.1	15.2	280.80

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
45.33	0.0	0.0	15.2	0.1	15.1	0.1	15.1	280.80
45.42	0.0	0.0	15.1	0.1	15.0	0.1	15.0	280.79
45.50	0.0	0.0	15.0	0.1	14.9	0.1	14.8	280.79
45.58	0.0	0.0	14.8	0.1	14.8	0.1	14.7	280.79
45.67	0.0	0.0	14.7	0.1	14.6	0.1	14.6	280.79
45.75	0.0	0.0	14.6	0.1	14.5	0.1	14.4	280.78
45.83	0.0	0.0	14.4	0.1	14.4	0.1	14.3	280.78
45.92	0.0	0.0	14.3	0.1	14.3	0.1	14.2	280.78
46.00	0.0	0.0	14.2	0.1	14.1	0.1	14.1	280.78
46.08	0.0	0.0	14.1	0.1	14.0	0.1	14.0	280.77
46.17	0.0	0.0	14.0	0.1	13.9	0.1	13.8	280.77
46.25	0.0	0.0	13.8	0.1	13.8	0.1	13.7	280.77
46.33	0.0	0.0	13.7	0.1	13.7	0.1	13.6	280.77
46.42	0.0	0.0	13.6	0.1	13.5	0.1	13.5	280.76
46.50	0.0	0.0	13.5	0.1	13.4	0.1	13.4	280.76
46.58	0.0	0.0	13.4	0.1	13.3	0.1	13.2	280.76
46.67	0.0	0.0	13.2	0.1	13.2	0.1	13.1	280.76
46.75	0.0	0.0	13.1	0.1	13.1	0.1	13.0	280.76
46.83	0.0	0.0	13.0	0.1	13.0	0.1	12.9	280.75
46.92	0.0	0.0	12.9	0.1	12.8	0.1	12.8	280.75
47.00	0.0	0.0	12.8	0.1	12.7	0.1	12.7	280.75
47.08	0.0	0.0	12.7	0.1	12.6	0.1	12.6	280.75
47.17	0.0	0.0	12.6	0.1	12.5	0.1	12.5	280.74
47.25	0.0	0.0	12.5	0.1	12.4	0.1	12.4	280.74
47.33	0.0	0.0	12.4	0.1	12.3	0.1	12.2	280.74
47.42	0.0	0.0	12.2	0.1	12.2	0.1	12.1	280.74
47.50	0.0	0.0	12.1	0.1	12.1	0.1	12.0	280.74
47.58	0.0	0.0	12.0	0.1	12.0	0.1	11.9	280.73
47.67	0.0	0.0	11.9	0.1	11.9	0.1	11.8	280.73
47.75	0.0	0.0	11.8	0.1	11.8	0.1	11.7	280.73
47.83	0.0	0.0	11.7	0.1	11.7	0.1	11.6	280.73
47.92	0.0	0.0	11.6	0.1	11.6	0.1	11.5	280.73
48.00	0.0	0.0	11.5	0.1	11.5	0.0	11.4	280.72

HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
10 YEAR STORM FREQUENCY (CONT'D)

TIME TO PEAK	=	13.42	HOURS
MAXIMUM DISCHARGE	=	2.213	C.F.S.
MAXIMUM STORAGE	=	37,216.6	CU.FT.
MAXIMUM ELEVATION	=	283.85	FEET
INFLOW VOLUME	=	71,746.2	CU.FT.
DISCHARGE VOLUME	=	70,032.1	CU.FT.

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CROTON OVERLOOK

24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA D		
BASIN DISCHARGES INTO		MICROPOOL POND		
BASIN AREA	=	6.89	ACRES	
BASIN CURVE NUMBER	=	79.73		
24-HOUR PRECIPITATION	=	6.00	INCHES	
24-HOUR RUNOFF	=	3.75	INCHES	
AVERAGE BASIN SLOPE	=	3.00	%	
HYDRAULIC LENGTH	=	1,291.00	FEET	
BASIN LAG ,(Tc)	=	0.23	HOURS ,	0.38 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	6.42	0.0	6.50	0.0	6.58	0.0
6.67	0.0	6.75	0.0	6.83	0.0	6.92	0.0
7.00	0.0	7.08	0.0	7.17	0.0	7.25	0.0
7.33	0.0	7.42	0.0	7.50	0.0	7.58	0.0
7.67	0.0	7.75	0.1	7.83	0.1	7.92	0.1
8.00	0.1	8.08	0.1	8.17	0.1	8.25	0.1
8.33	0.2	8.42	0.2	8.50	0.2	8.58	0.2
8.67	0.2	8.75	0.2	8.83	0.3	8.92	0.3
9.00	0.3	9.08	0.3	9.17	0.3	9.25	0.4
9.33	0.4	9.42	0.4	9.50	0.4	9.58	0.4
9.67	0.4	9.75	0.5	9.83	0.5	9.92	0.5
10.00	0.6	10.08	0.6	10.17	0.6	10.25	0.7
10.33	0.7	10.42	0.8	10.50	0.8	10.58	0.9
10.67	0.9	10.75	1.0	10.83	1.0	10.92	1.1
11.00	1.2	11.08	1.3	11.17	1.4	11.25	1.5
11.33	1.6	11.42	1.7	11.50	1.9	11.58	2.1
11.67	2.3	11.75	2.7	11.83	3.3	11.92	4.5
12.00	7.0	12.08	10.6	12.17	15.1	12.25	18.6
12.33	19.9	12.42	18.5	12.50	15.5	12.58	12.1
12.67	9.2	12.75	7.2	12.83	5.9	12.92	4.9
13.00	4.3	13.08	3.8	13.17	3.4	13.25	3.1
13.33	2.9	13.42	2.7	13.50	2.6	13.58	2.5
13.67	2.3	13.75	2.2	13.83	2.1	13.92	2.0
14.00	2.0	14.08	1.9	14.17	1.8	14.25	1.8
14.33	1.7	14.42	1.7	14.50	1.7	14.58	1.7

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HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
14.67	1.6	14.75	1.6	14.83	1.5	14.92	1.5
15.00	1.4	15.08	1.4	15.17	1.4	15.25	1.3
15.33	1.3	15.42	1.3	15.50	1.3	15.58	1.3
15.67	1.2	15.75	1.2	15.83	1.2	15.92	1.2
16.00	1.2	16.08	1.2	16.17	1.2	16.25	1.1
16.33	1.0	16.42	1.0	16.50	1.0	16.58	0.9
16.67	0.9	16.75	0.9	16.83	0.9	16.92	0.9
17.00	0.9	17.08	0.9	17.17	0.9	17.25	0.8
17.33	0.8	17.42	0.7	17.50	0.7	17.58	0.7
17.67	0.7	17.75	0.7	17.83	0.7	17.92	0.7
18.00	0.7	18.08	0.7	18.17	0.7	18.25	0.6
18.33	0.6	18.42	0.6	18.50	0.6	18.58	0.6
18.67	0.6	18.75	0.6	18.83	0.6	18.92	0.6
.00	0.6	19.08	0.6	19.17	0.6	19.25	0.5
19.33	0.5	19.42	0.5	19.50	0.5	19.58	0.5
19.67	0.5	19.75	0.5	19.83	0.5	19.92	0.5
20.00	0.5	20.08	0.5	20.17	0.5	20.25	0.5
20.33	0.5	20.42	0.5	20.50	0.5	20.58	0.5
20.67	0.4	20.75	0.4	20.83	0.4	20.92	0.4
21.00	0.4	21.08	0.4	21.17	0.4	21.25	0.4
21.33	0.4	21.42	0.4	21.50	0.4	21.58	0.4
21.67	0.4	21.75	0.4	21.83	0.4	21.92	0.4
22.00	0.4	22.08	0.4	22.17	0.4	22.25	0.4
22.33	0.4	22.42	0.4	22.50	0.4	22.58	0.4
22.67	0.4	22.75	0.4	22.83	0.4	22.92	0.4
23.00	0.4	23.08	0.4	23.17	0.4	23.25	0.4
23.33	0.4	23.42	0.4	23.50	0.4	23.58	0.4
23.67	0.4	23.75	0.4	23.83	0.4	23.92	0.4
24.00	0.4	24.08	0.4	24.17	0.4	24.25	0.3
24.33	0.2	24.42	0.1	24.50	0.1	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0
25.33	0.0	25.42	0.0	25.50	0.0	25.58	0.0
25.67	0.0	25.75	0.0	25.83	0.0	25.92	0.0

TIME TO PEAK = 12.33 HOURS
PEAK RUNOFF = 19.91 C.F.S.

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER MICROPOOL POND

1 = 3 INCH CIRCULAR ORIFICE - INVERT 280.5
2 = 3 INCH CIRCULAR ORIFICE - INVERT 281.9
3 = 7.5 INCH CIRCULAR ORIFICE - INVERT 282.5
4 = 3 INCH CIRCULAR ORIFICE - INVERT 284

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)
280.50	0.0	0.000	0.0
281.50	7644.0	0.221	51.2
281.90	11774.7	0.267	78.8
282.00	12860.7	0.301	86.0
282.50	18616.2	0.487	124.6
283.00	24922.9	1.261	167.4
284.00	39319.4	2.376	264.5
285.00	56169.9	3.308	377.8
285.50	65526.4	3.661	440.5
286.00	75523.2	3.980	507.5

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HYDROLOGIC REPORT FOR

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HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
7.75	0.0	0.1	0.0	0.0	0.1	0.0	0.1	280.50
7.83	0.1	0.1	0.1	0.0	0.2	0.0	0.2	280.50
7.92	0.1	0.1	0.2	0.0	0.4	0.0	0.4	280.51
8.00	0.1	0.1	0.4	0.0	0.6	0.0	0.6	280.51
8.08	0.1	0.1	0.6	0.0	0.8	0.0	0.8	280.52
8.17	0.1	0.1	0.8	0.0	1.0	0.0	1.0	280.52
8.25	0.1	0.1	1.0	0.0	1.3	0.0	1.3	280.53
8.33	0.1	0.2	1.3	0.0	1.6	0.0	1.6	280.53
8.42	0.2	0.2	1.6	0.0	1.9	0.0	1.9	280.54
8.50	0.2	0.2	1.9	0.0	2.2	0.0	2.2	280.54
8.58	0.2	0.2	2.2	0.0	2.6	0.0	2.6	280.55
8.67	0.2	0.2	2.6	0.0	3.0	0.0	3.0	280.56
8.75	0.2	0.2	3.0	0.0	3.4	0.0	3.4	280.57
8.83	0.2	0.3	3.4	0.0	3.9	0.0	3.9	280.58
8.92	0.3	0.3	3.9	0.0	4.4	0.0	4.4	280.59
9.00	0.3	0.3	4.4	0.0	4.9	0.0	4.9	280.60
9.08	0.3	0.3	4.9	0.0	5.5	0.0	5.5	280.61
9.17	0.3	0.3	5.5	0.0	6.1	0.0	6.1	280.62
9.25	0.3	0.4	6.1	0.0	6.8	0.0	6.8	280.63
9.33	0.4	0.4	6.8	0.0	7.5	0.0	7.4	280.65
9.42	0.4	0.4	7.4	0.0	8.1	0.0	8.1	280.66
9.50	0.4	0.4	8.1	0.0	8.9	0.0	8.8	280.67
9.58	0.4	0.4	8.8	0.0	9.6	0.0	9.6	280.69
9.67	0.4	0.4	9.6	0.0	10.4	0.0	10.3	280.70
9.75	0.4	0.5	10.3	0.0	11.2	0.0	11.2	280.72
9.83	0.5	0.5	11.2	0.0	12.1	0.1	12.0	280.74
9.92	0.5	0.5	12.0	0.1	13.0	0.1	13.0	280.75
10.00	0.5	0.6	13.0	0.1	14.0	0.1	14.0	280.77
10.08	0.6	0.6	14.0	0.1	15.1	0.1	15.0	280.79
10.17	0.6	0.6	15.0	0.1	16.2	0.1	16.1	280.82
10.25	0.6	0.7	16.1	0.1	17.3	0.1	17.2	280.84
10.33	0.7	0.7	17.2	0.1	18.5	0.1	18.4	280.86
10.42	0.7	0.8	18.4	0.1	19.8	0.1	19.7	280.89
10.50	0.8	0.8	19.7	0.1	21.2	0.1	21.1	280.91
10.58	0.8	0.9	21.1	0.1	22.7	0.1	22.6	280.94
10.67	0.9	0.9	22.6	0.1	24.3	0.1	24.2	280.97
10.75	0.9	1.0	24.2	0.1	25.9	0.1	25.8	281.01

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
10.83	1.0	1.0	25.8	0.1	27.7	0.1	27.6	281.04
10.92	1.0	1.1	27.6	0.1	29.6	0.1	29.4	281.08
11.00	1.1	1.2	29.4	0.1	31.6	0.1	31.4	281.12
11.08	1.2	1.3	31.4	0.1	33.7	0.1	33.6	281.16
11.17	1.3	1.4	33.6	0.1	36.1	0.2	35.9	281.20
11.25	1.4	1.5	35.9	0.2	38.6	0.2	38.4	281.25
11.33	1.5	1.6	38.4	0.2	41.3	0.2	41.1	281.31
11.42	1.6	1.7	41.1	0.2	44.2	0.2	44.0	281.36
11.50	1.7	1.9	44.0	0.2	47.4	0.2	47.2	281.43
11.58	1.9	2.1	47.2	0.2	51.0	0.2	50.8	281.50
11.67	2.1	2.3	50.8	0.2	55.0	0.2	54.7	281.55
11.75	2.3	2.7	54.7	0.2	59.5	0.2	59.3	281.62
11.83	2.7	3.3	59.3	0.2	64.9	0.2	64.7	281.70
11.92	3.3	4.5	64.7	0.2	72.2	0.3	72.0	281.81
12.00	4.5	7.0	72.0	0.3	83.2	0.3	82.9	281.96
12.08	7.0	10.6	82.9	0.3	100.2	0.4	99.8	282.18
12.17	10.6	15.1	99.8	0.4	125.1	0.5	124.6	282.51
12.25	15.1	18.6	124.6	0.5	157.8	1.1	156.7	282.89
12.33	18.6	19.9	156.7	1.1	194.2	1.6	192.6	283.28
12.42	19.9	18.5	192.6	1.6	229.4	2.0	227.5	283.64
12.50	18.5	15.5	227.5	2.0	259.5	2.3	257.2	283.95
12.58	15.5	12.1	257.2	2.3	282.5	2.5	280.0	284.16
12.67	12.1	9.2	280.0	2.5	298.8	2.7	296.1	284.30
12.75	9.2	7.2	296.1	2.7	309.9	2.7	307.1	284.40
12.83	7.2	5.9	307.1	2.7	317.4	2.8	314.6	284.47
12.92	5.9	4.9	314.6	2.8	322.6	2.9	319.7	284.51
13.00	4.9	4.3	319.7	2.9	326.1	2.9	323.2	284.54
13.08	4.3	3.8	323.2	2.9	328.3	2.9	325.4	284.56
13.17	3.8	3.4	325.4	2.9	329.7	2.9	326.8	284.58
13.25	3.4	3.1	326.8	2.9	330.4	2.9	327.5	284.58
13.33	3.1	2.9	327.5	2.9	330.5	2.9	327.6	284.58
13.42	2.9	2.7	327.6	2.9	330.3	2.9	327.4	284.58
13.50	2.7	2.6	327.4	2.9	329.8	2.9	326.9	284.58
13.58	2.6	2.5	326.9	2.9	329.0	2.9	326.1	284.57
13.67	2.5	2.3	326.1	2.9	328.0	2.9	325.1	284.56
13.75	2.3	2.2	325.1	2.9	326.7	2.9	323.9	284.55
13.83	2.2	2.1	323.9	2.9	325.3	2.9	322.4	284.54

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
13.92	2.1	2.0	322.4	2.9	323.7	2.9	320.8	284.52
14.00	2.0	2.0	320.8	2.9	322.0	2.8	319.1	284.51
14.08	2.0	1.9	319.1	2.8	320.2	2.8	317.3	284.49
14.17	1.9	1.8	317.3	2.8	318.2	2.8	315.4	284.47
14.25	1.8	1.8	315.4	2.8	316.2	2.8	313.4	284.46
14.33	1.8	1.7	313.4	2.8	314.2	2.8	311.4	284.44
14.42	1.7	1.7	311.4	2.8	312.1	2.8	309.3	284.42
14.50	1.7	1.7	309.3	2.8	309.9	2.7	307.2	284.40
14.58	1.7	1.7	307.2	2.7	307.8	2.7	305.1	284.38
14.67	1.7	1.6	305.1	2.7	305.6	2.7	302.9	284.36
[illegible]75	1.6	1.6	302.9	2.7	303.5	2.7	300.8	284.34
[illegible].83	1.6	1.5	300.8	2.7	301.2	2.7	298.5	284.32
14.92	1.5	1.5	298.5	2.7	298.8	2.7	296.1	284.30
15.00	1.5	1.4	296.1	2.7	296.4	2.6	293.7	284.28
15.08	1.4	1.4	293.7	2.6	293.9	2.6	291.3	284.26
15.17	1.4	1.4	291.3	2.6	291.5	2.6	288.9	284.24
15.25	1.4	1.3	288.9	2.6	289.0	2.6	286.4	284.22
15.33	1.3	1.3	286.4	2.6	286.5	2.6	283.9	284.19
15.42	1.3	1.3	283.9	2.6	284.0	2.5	281.4	284.17
15.50	1.3	1.3	281.4	2.5	281.5	2.5	278.9	284.15
15.58	1.3	1.3	278.9	2.5	278.9	2.5	276.5	284.13
15.67	1.3	1.2	276.5	2.5	276.5	2.5	274.0	284.11
15.75	1.2	1.2	274.0	2.5	274.0	2.5	271.5	284.08
15.83	1.2	1.2	271.5	2.5	271.5	2.4	269.1	284.06
15.92	1.2	1.2	269.1	2.4	269.0	2.4	266.6	284.04
16.00	1.2	1.2	266.6	2.4	266.6	2.4	264.2	284.02
16.08	1.2	1.2	264.2	2.4	264.2	2.4	261.8	284.00
16.17	1.2	1.2	261.8	2.4	261.7	2.3	259.4	283.97
16.25	1.2	1.1	259.4	2.3	259.3	2.3	257.0	283.95
16.33	1.1	1.0	257.0	2.3	256.8	2.3	254.5	283.92
16.42	1.0	1.0	254.5	2.3	254.3	2.3	252.0	283.89
16.50	1.0	1.0	252.0	2.3	251.7	2.2	249.5	283.87
16.58	1.0	0.9	249.5	2.2	249.1	2.2	246.9	283.84
16.67	0.9	0.9	246.9	2.2	246.6	2.2	244.5	283.82
16.75	0.9	0.9	244.5	2.2	244.1	2.1	242.0	283.79
16.83	0.9	0.9	242.0	2.1	241.7	2.1	239.6	283.77
[illegible]92	0.9	0.9	239.6	2.1	239.3	2.1	237.2	283.74

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POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
17.00	0.9	0.9	237.2	2.1	237.0	2.1	234.9	283.72
17.08	0.9	0.9	234.9	2.1	234.7	2.0	232.7	283.69
17.17	0.9	0.9	232.7	2.0	232.5	2.0	230.5	283.67
17.25	0.9	0.8	230.5	2.0	230.2	2.0	228.2	283.65
17.33	0.8	0.8	228.2	2.0	227.9	2.0	225.9	283.62
17.42	0.8	0.7	225.9	2.0	225.5	1.9	223.6	283.60
17.50	0.7	0.7	223.6	1.9	223.1	1.9	221.2	283.57
17.58	0.7	0.7	221.2	1.9	220.7	1.9	218.8	283.55
17.67	0.7	0.7	218.8	1.9	218.3	1.8	216.4	283.52
17.75	0.7	0.7	216.4	1.8	215.9	1.8	214.1	283.50
17.83	0.7	0.7	214.1	1.8	213.7	1.8	211.9	283.48
17.92	0.7	0.7	211.9	1.8	211.4	1.8	209.6	283.45
18.00	0.7	0.7	209.6	1.8	209.2	1.7	207.5	283.43
18.08	0.7	0.7	207.5	1.7	207.1	1.7	205.3	283.41
18.17	0.7	0.7	205.3	1.7	205.0	1.7	203.3	283.39
18.25	0.7	0.6	203.3	1.7	202.9	1.7	201.2	283.37
18.33	0.6	0.6	201.2	1.7	200.8	1.6	199.1	283.34
18.42	0.6	0.6	199.1	1.6	198.7	1.6	197.0	283.32
18.50	0.6	0.6	197.0	1.6	196.6	1.6	195.0	283.30
18.58	0.6	0.6	195.0	1.6	194.5	1.6	193.0	283.28
18.67	0.6	0.6	193.0	1.6	192.5	1.5	191.0	283.26
18.75	0.6	0.6	191.0	1.5	190.5	1.5	189.0	283.24
18.83	0.6	0.6	189.0	1.5	188.6	1.5	187.1	283.22
18.92	0.6	0.6	187.1	1.5	186.7	1.5	185.2	283.20
19.00	0.6	0.6	185.2	1.5	184.9	1.5	183.4	283.18
19.08	0.6	0.6	183.4	1.5	183.1	1.4	181.6	283.16
19.17	0.6	0.6	181.6	1.4	181.3	1.4	179.9	283.14
19.25	0.6	0.5	179.9	1.4	179.5	1.4	178.1	283.12
19.33	0.5	0.5	178.1	1.4	177.8	1.4	176.4	283.11
19.42	0.5	0.5	176.4	1.4	176.0	1.4	174.7	283.09
19.50	0.5	0.5	174.7	1.4	174.3	1.3	173.0	283.07
19.58	0.5	0.5	173.0	1.3	172.6	1.3	171.3	283.05
19.67	0.5	0.5	171.3	1.3	171.0	1.3	169.7	283.04
19.75	0.5	0.5	169.7	1.3	169.3	1.3	168.1	283.02
19.83	0.5	0.5	168.1	1.3	167.7	1.3	166.5	283.00
19.92	0.5	0.5	166.5	1.3	166.2	1.2	164.9	282.99
20.00	0.5	0.5	164.9	1.2	164.7	1.2	163.5	282.97

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POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
20.08	0.5	0.5	163.5	1.2	163.2	1.2	162.0	282.95
20.17	0.5	0.5	162.0	1.2	161.8	1.2	160.7	282.93
20.25	0.5	0.5	160.7	1.2	160.5	1.1	159.3	282.92
20.33	0.5	0.5	159.3	1.1	159.1	1.1	158.0	282.90
20.42	0.5	0.5	158.0	1.1	157.8	1.1	156.7	282.89
20.50	0.5	0.5	156.7	1.1	156.6	1.1	155.5	282.87
20.58	0.5	0.5	155.5	1.1	155.3	1.0	154.3	282.86
20.67	0.5	0.4	154.3	1.0	154.1	1.0	153.1	282.85
20.75	0.4	0.4	153.1	1.0	153.0	1.0	152.0	282.83
20.83	0.4	0.4	152.0	1.0	151.9	1.0	150.9	282.82
20.92	0.4	0.4	150.9	1.0	150.8	1.0	149.9	282.81
21.00	0.4	0.4	149.9	1.0	149.8	0.9	148.9	282.79
21.08	0.4	0.4	148.9	0.9	148.8	0.9	147.9	282.78
21.17	0.4	0.4	147.9	0.9	147.9	0.9	147.0	282.77
21.25	0.4	0.4	147.0	0.9	146.9	0.9	146.0	282.76
21.33	0.4	0.4	146.0	0.9	146.0	0.9	145.1	282.75
21.42	0.4	0.4	145.1	0.9	145.1	0.9	144.2	282.74
21.50	0.4	0.4	144.2	0.9	144.1	0.8	143.3	282.73
21.58	0.4	0.4	143.3	0.8	143.2	0.8	142.4	282.72
21.67	0.4	0.4	142.4	0.8	142.4	0.8	141.6	282.71
21.75	0.4	0.4	141.6	0.8	141.5	0.8	140.7	282.70
21.83	0.4	0.4	140.7	0.8	140.7	0.8	140.0	282.69
21.92	0.4	0.4	140.0	0.8	139.9	0.8	139.2	282.68
22.00	0.4	0.4	139.2	0.8	139.2	0.8	138.4	282.67
22.08	0.4	0.4	138.4	0.8	138.5	0.7	137.7	282.66
22.17	0.4	0.4	137.7	0.7	137.8	0.7	137.0	282.65
22.25	0.4	0.4	137.0	0.7	137.1	0.7	136.4	282.65
22.33	0.4	0.4	136.4	0.7	136.4	0.7	135.7	282.64
22.42	0.4	0.4	135.7	0.7	135.8	0.7	135.1	282.63
22.50	0.4	0.4	135.1	0.7	135.2	0.7	134.5	282.62
22.58	0.4	0.4	134.5	0.7	134.6	0.7	134.0	282.62
22.67	0.4	0.4	134.0	0.7	134.1	0.7	133.4	282.61
22.75	0.4	0.4	133.4	0.7	133.5	0.6	132.9	282.60
22.83	0.4	0.4	132.9	0.6	133.0	0.6	132.4	282.60
22.92	0.4	0.4	132.4	0.6	132.5	0.6	131.9	282.59
23.00	0.4	0.4	131.9	0.6	132.0	0.6	131.4	282.59
23.08	0.4	0.4	131.4	0.6	131.5	0.6	130.9	282.58

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POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
23.17	0.4	0.4	130.9	0.6	131.1	0.6	130.5	282.58
23.25	0.4	0.4	130.5	0.6	130.7	0.6	130.1	282.57
23.33	0.4	0.4	130.1	0.6	130.2	0.6	129.6	282.57
23.42	0.4	0.4	129.6	0.6	129.8	0.6	129.3	282.56
23.50	0.4	0.4	129.3	0.6	129.4	0.6	128.9	282.56
23.58	0.4	0.4	128.9	0.6	129.1	0.6	128.5	282.55
23.67	0.4	0.4	128.5	0.6	128.7	0.6	128.2	282.55
23.75	0.4	0.4	128.2	0.6	128.4	0.6	127.8	282.54
23.83	0.4	0.4	127.8	0.6	128.0	0.5	127.5	282.54
23.92	0.4	0.4	127.5	0.5	127.7	0.5	127.2	282.54
[illegible]00	0.4	0.4	127.2	0.5	127.4	0.5	126.9	282.53
[illegible].08	0.4	0.4	126.9	0.5	127.1	0.5	126.6	282.53
24.17	0.4	0.4	126.6	0.5	126.8	0.5	126.2	282.53
24.25	0.4	0.3	126.2	0.5	126.3	0.5	125.8	282.52
24.33	0.3	0.2	125.8	0.5	125.8	0.5	125.3	282.51
24.42	0.2	0.1	125.3	0.5	125.0	0.5	124.5	282.51
24.50	0.1	0.1	124.5	0.5	124.2	0.5	123.7	282.49
24.58	0.1	0.0	123.7	0.5	123.3	0.5	122.9	282.48
24.67	0.0	0.0	122.9	0.5	122.4	0.5	122.0	282.47
24.75	0.0	0.0	122.0	0.5	121.5	0.5	121.0	282.46
24.83	0.0	0.0	121.0	0.5	120.6	0.5	120.1	282.45
24.92	0.0	0.0	120.1	0.5	119.7	0.5	119.2	282.44
25.00	0.0	0.0	119.2	0.5	118.7	0.5	118.3	282.42
25.08	0.0	0.0	118.3	0.5	117.8	0.5	117.4	282.41
25.17	0.0	0.0	117.4	0.5	116.9	0.4	116.5	282.40
25.25	0.0	0.0	116.5	0.4	116.0	0.4	115.6	282.39
25.33	0.0	0.0	115.6	0.4	115.1	0.4	114.7	282.38
25.42	0.0	0.0	114.7	0.4	114.2	0.4	113.8	282.37
25.50	0.0	0.0	113.8	0.4	113.4	0.4	112.9	282.35
25.58	0.0	0.0	112.9	0.4	112.5	0.4	112.1	282.34
25.67	0.0	0.0	112.1	0.4	111.7	0.4	111.2	282.33
25.75	0.0	0.0	111.2	0.4	110.8	0.4	110.4	282.32
25.83	0.0	0.0	110.4	0.4	110.0	0.4	109.5	282.31
25.92	0.0	0.0	109.5	0.4	109.1	0.4	108.7	282.30
26.00	0.0	0.0	108.7	0.4	108.3	0.4	107.9	282.29
26.08	0.0	0.0	107.9	0.4	107.5	0.4	107.1	282.28
[illegible]17	0.0	0.0	107.1	0.4	106.7	0.4	106.3	282.27

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
26.25	0.0	0.0	106.3	0.4	105.9	0.4	105.5	282.26
26.33	0.0	0.0	105.5	0.4	105.1	0.4	104.7	282.25
26.42	0.0	0.0	104.7	0.4	104.3	0.4	103.9	282.24
26.50	0.0	0.0	103.9	0.4	103.5	0.4	103.1	282.23
26.58	0.0	0.0	103.1	0.4	102.8	0.4	102.4	282.22
26.67	0.0	0.0	102.4	0.4	102.0	0.4	101.6	282.21
26.75	0.0	0.0	101.6	0.4	101.2	0.4	100.9	282.20
26.83	0.0	0.0	100.9	0.4	100.5	0.4	100.1	282.19
26.92	0.0	0.0	100.1	0.4	99.8	0.4	99.4	282.18
27.00	0.0	0.0	99.4	0.4	99.0	0.4	98.7	282.17
[illegible]08	0.0	0.0	98.7	0.4	98.3	0.4	97.9	282.16
[illegible].17	0.0	0.0	97.9	0.4	97.6	0.4	97.2	282.15
27.25	0.0	0.0	97.2	0.4	96.9	0.4	96.5	282.14
27.33	0.0	0.0	96.5	0.4	96.2	0.3	95.8	282.13
27.42	0.0	0.0	95.8	0.3	95.5	0.3	95.1	282.12
27.50	0.0	0.0	95.1	0.3	94.8	0.3	94.4	282.11
27.58	0.0	0.0	94.4	0.3	94.1	0.3	93.7	282.10
27.67	0.0	0.0	93.7	0.3	93.4	0.3	93.1	282.10
27.75	0.0	0.0	93.1	0.3	92.7	0.3	92.4	282.09
27.83	0.0	0.0	92.4	0.3	92.1	0.3	91.7	282.08
27.92	0.0	0.0	91.7	0.3	91.4	0.3	91.1	282.07
28.00	0.0	0.0	91.1	0.3	90.7	0.3	90.4	282.06
28.08	0.0	0.0	90.4	0.3	90.1	0.3	89.8	282.05
28.17	0.0	0.0	89.8	0.3	89.5	0.3	89.1	282.04
28.25	0.0	0.0	89.1	0.3	88.8	0.3	88.5	282.04
28.33	0.0	0.0	88.5	0.3	88.2	0.3	87.9	282.03
28.42	0.0	0.0	87.9	0.3	87.6	0.3	87.3	282.02
28.50	0.0	0.0	87.3	0.3	87.0	0.3	86.6	282.01
28.58	0.0	0.0	86.6	0.3	86.3	0.3	86.0	282.00
28.67	0.0	0.0	86.0	0.3	85.7	0.3	85.4	282.00
28.75	0.0	0.0	85.4	0.3	85.1	0.3	84.8	281.99
28.83	0.0	0.0	84.8	0.3	84.5	0.3	84.3	281.98
28.92	0.0	0.0	84.3	0.3	84.0	0.3	83.7	281.97
29.00	0.0	0.0	83.7	0.3	83.4	0.3	83.1	281.96
29.08	0.0	0.0	83.1	0.3	82.8	0.3	82.5	281.96
29.17	0.0	0.0	82.5	0.3	82.2	0.3	81.9	281.95
[illegible]25	0.0	0.0	81.9	0.3	81.7	0.3	81.4	281.94

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
29.33	0.0	0.0	81.4	0.3	81.1	0.3	80.8	281.93
29.42	0.0	0.0	80.8	0.3	80.5	0.3	80.3	281.92
29.50	0.0	0.0	80.3	0.3	80.0	0.3	79.7	281.92
29.58	0.0	0.0	79.7	0.3	79.4	0.3	79.2	281.91
29.67	0.0	0.0	79.2	0.3	78.9	0.3	78.6	281.90
29.75	0.0	0.0	78.6	0.3	78.4	0.3	78.1	281.89
29.83	0.0	0.0	78.1	0.3	77.8	0.3	77.6	281.89
29.92	0.0	0.0	77.6	0.3	77.3	0.3	77.0	281.88
30.00	0.0	0.0	77.0	0.3	76.8	0.3	76.5	281.87
30.08	0.0	0.0	76.5	0.3	76.3	0.3	76.0	281.86
30.17	0.0	0.0	76.0	0.3	75.7	0.3	75.5	281.86
30.25	0.0	0.0	75.5	0.3	75.2	0.3	74.9	281.85
30.33	0.0	0.0	74.9	0.3	74.7	0.3	74.4	281.84
30.42	0.0	0.0	74.4	0.3	74.2	0.3	73.9	281.83
30.50	0.0	0.0	73.9	0.3	73.6	0.3	73.4	281.83
30.58	0.0	0.0	73.4	0.3	73.1	0.3	72.9	281.82
30.67	0.0	0.0	72.9	0.3	72.6	0.3	72.4	281.81
30.75	0.0	0.0	72.4	0.3	72.1	0.3	71.8	281.80
30.83	0.0	0.0	71.8	0.3	71.6	0.3	71.3	281.80
30.92	0.0	0.0	71.3	0.3	71.1	0.3	70.8	281.79
31.00	0.0	0.0	70.8	0.3	70.6	0.3	70.3	281.78
31.08	0.0	0.0	70.3	0.3	70.1	0.3	69.8	281.77
31.17	0.0	0.0	69.8	0.3	69.6	0.3	69.3	281.77
31.25	0.0	0.0	69.3	0.3	69.1	0.3	68.8	281.76
31.33	0.0	0.0	68.8	0.3	68.6	0.2	68.3	281.75
31.42	0.0	0.0	68.3	0.2	68.1	0.2	67.8	281.74
31.50	0.0	0.0	67.8	0.2	67.6	0.2	67.3	281.74
31.58	0.0	0.0	67.3	0.2	67.1	0.2	66.8	281.73
31.67	0.0	0.0	66.8	0.2	66.6	0.2	66.3	281.72
31.75	0.0	0.0	66.3	0.2	66.1	0.2	65.8	281.72
31.83	0.0	0.0	65.8	0.2	65.6	0.2	65.3	281.71
31.92	0.0	0.0	65.3	0.2	65.1	0.2	64.8	281.70
32.00	0.0	0.0	64.8	0.2	64.6	0.2	64.4	281.69
32.08	0.0	0.0	64.4	0.2	64.1	0.2	63.9	281.69
32.17	0.0	0.0	63.9	0.2	63.6	0.2	63.4	281.68
32.25	0.0	0.0	63.4	0.2	63.1	0.2	62.9	281.67
32.33	0.0	0.0	62.9	0.2	62.7	0.2	62.4	281.67

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POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
32.42	0.0	0.0	62.4	0.2	62.2	0.2	61.9	281.66
32.50	0.0	0.0	61.9	0.2	61.7	0.2	61.5	281.65
32.58	0.0	0.0	61.5	0.2	61.2	0.2	61.0	281.65
32.67	0.0	0.0	61.0	0.2	60.8	0.2	60.5	281.64
32.75	0.0	0.0	60.5	0.2	60.3	0.2	60.0	281.63
32.83	0.0	0.0	60.0	0.2	59.8	0.2	59.6	281.63
32.92	0.0	0.0	59.6	0.2	59.3	0.2	59.1	281.62
33.00	0.0	0.0	59.1	0.2	58.9	0.2	58.6	281.61
33.08	0.0	0.0	58.6	0.2	58.4	0.2	58.2	281.60
33.17	0.0	0.0	58.2	0.2	57.9	0.2	57.7	281.60
33.25	0.0	0.0	57.7	0.2	57.5	0.2	57.2	281.59
33.33	0.0	0.0	57.2	0.2	57.0	0.2	56.8	281.58
33.42	0.0	0.0	56.8	0.2	56.5	0.2	56.3	281.58
33.50	0.0	0.0	56.3	0.2	56.1	0.2	55.9	281.57
33.58	0.0	0.0	55.9	0.2	55.6	0.2	55.4	281.56
33.67	0.0	0.0	55.4	0.2	55.2	0.2	54.9	281.56
33.75	0.0	0.0	54.9	0.2	54.7	0.2	54.5	281.55
33.83	0.0	0.0	54.5	0.2	54.3	0.2	54.0	281.54
33.92	0.0	0.0	54.0	0.2	53.8	0.2	53.6	281.54
34.00	0.0	0.0	53.6	0.2	53.4	0.2	53.1	281.53
34.08	0.0	0.0	53.1	0.2	52.9	0.2	52.7	281.52
34.17	0.0	0.0	52.7	0.2	52.5	0.2	52.2	281.52
34.25	0.0	0.0	52.2	0.2	52.0	0.2	51.8	281.51
34.33	0.0	0.0	51.8	0.2	51.6	0.2	51.3	281.51
34.42	0.0	0.0	51.3	0.2	51.1	0.2	50.9	281.50
34.50	0.0	0.0	50.9	0.2	50.7	0.2	50.5	281.49
34.58	0.0	0.0	50.5	0.2	50.2	0.2	50.0	281.48
34.67	0.0	0.0	50.0	0.2	49.8	0.2	49.6	281.47
34.75	0.0	0.0	49.6	0.2	49.4	0.2	49.2	281.46
34.83	0.0	0.0	49.2	0.2	49.0	0.2	48.7	281.46
34.92	0.0	0.0	48.7	0.2	48.5	0.2	48.3	281.45
35.00	0.0	0.0	48.3	0.2	48.1	0.2	47.9	281.44
35.08	0.0	0.0	47.9	0.2	47.7	0.2	47.5	281.43
35.17	0.0	0.0	47.5	0.2	47.3	0.2	47.1	281.42
35.25	0.0	0.0	47.1	0.2	46.9	0.2	46.7	281.42
35.33	0.0	0.0	46.7	0.2	46.5	0.2	46.3	281.41
35.42	0.0	0.0	46.3	0.2	46.1	0.2	45.9	281.40

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POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
35.50	0.0	0.0	45.9	0.2	45.7	0.2	45.5	281.39
35.58	0.0	0.0	45.5	0.2	45.3	0.2	45.1	281.38
35.67	0.0	0.0	45.1	0.2	44.9	0.2	44.7	281.38
35.75	0.0	0.0	44.7	0.2	44.5	0.2	44.3	281.37
35.83	0.0	0.0	44.3	0.2	44.1	0.2	43.9	281.36
35.92	0.0	0.0	43.9	0.2	43.7	0.2	43.5	281.35
36.00	0.0	0.0	43.5	0.2	43.4	0.2	43.2	281.35
36.08	0.0	0.0	43.2	0.2	43.0	0.2	42.8	281.34
36.17	0.0	0.0	42.8	0.2	42.6	0.2	42.4	281.33
36.25	0.0	0.0	42.4	0.2	42.2	0.2	42.1	281.33
33	0.0	0.0	42.1	0.2	41.9	0.2	41.7	281.32
.42	0.0	0.0	41.7	0.2	41.5	0.2	41.3	281.31
36.50	0.0	0.0	41.3	0.2	41.2	0.2	41.0	281.30
36.58	0.0	0.0	41.0	0.2	40.8	0.2	40.6	281.30
36.67	0.0	0.0	40.6	0.2	40.4	0.2	40.3	281.29
36.75	0.0	0.0	40.3	0.2	40.1	0.2	39.9	281.28
36.83	0.0	0.0	39.9	0.2	39.7	0.2	39.6	281.28
36.92	0.0	0.0	39.6	0.2	39.4	0.2	39.2	281.27
37.00	0.0	0.0	39.2	0.2	39.1	0.2	38.9	281.26
37.08	0.0	0.0	38.9	0.2	38.7	0.2	38.6	281.26
37.17	0.0	0.0	38.6	0.2	38.4	0.2	38.2	281.25
37.25	0.0	0.0	38.2	0.2	38.1	0.2	37.9	281.24
37.33	0.0	0.0	37.9	0.2	37.7	0.2	37.6	281.24
37.42	0.0	0.0	37.6	0.2	37.4	0.2	37.2	281.23
37.50	0.0	0.0	37.2	0.2	37.1	0.2	36.9	281.22
37.58	0.0	0.0	36.9	0.2	36.8	0.2	36.6	281.22
37.67	0.0	0.0	36.6	0.2	36.4	0.2	36.3	281.21
37.75	0.0	0.0	36.3	0.2	36.1	0.2	36.0	281.21
37.83	0.0	0.0	36.0	0.2	35.8	0.2	35.7	281.20
37.92	0.0	0.0	35.7	0.2	35.5	0.2	35.4	281.19
38.00	0.0	0.0	35.4	0.2	35.2	0.2	35.1	281.19
38.08	0.0	0.0	35.1	0.2	34.9	0.2	34.7	281.18
38.17	0.0	0.0	34.7	0.2	34.6	0.1	34.4	281.18
38.25	0.0	0.0	34.4	0.1	34.3	0.1	34.1	281.17
38.33	0.0	0.0	34.1	0.1	34.0	0.1	33.9	281.16
38.42	0.0	0.0	33.9	0.1	33.7	0.1	33.6	281.16
50	0.0	0.0	33.6	0.1	33.4	0.1	33.3	281.15

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POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
38.58	0.0	0.0	33.3	0.1	33.1	0.1	33.0	281.15
38.67	0.0	0.0	33.0	0.1	32.8	0.1	32.7	281.14
38.75	0.0	0.0	32.7	0.1	32.6	0.1	32.4	281.14
38.83	0.0	0.0	32.4	0.1	32.3	0.1	32.1	281.13
38.92	0.0	0.0	32.1	0.1	32.0	0.1	31.9	281.13
39.00	0.0	0.0	31.9	0.1	31.7	0.1	31.6	281.12
39.08	0.0	0.0	31.6	0.1	31.4	0.1	31.3	281.11
39.17	0.0	0.0	31.3	0.1	31.2	0.1	31.0	281.11
39.25	0.0	0.0	31.0	0.1	30.9	0.1	30.8	281.10
39.33	0.0	0.0	30.8	0.1	30.6	0.1	30.5	281.10
39.42	0.0	0.0	30.5	0.1	30.4	0.1	30.2	281.09
39.50	0.0	0.0	30.2	0.1	30.1	0.1	30.0	281.09
39.58	0.0	0.0	30.0	0.1	29.9	0.1	29.7	281.08
39.67	0.0	0.0	29.7	0.1	29.6	0.1	29.5	281.08
39.75	0.0	0.0	29.5	0.1	29.3	0.1	29.2	281.07
39.83	0.0	0.0	29.2	0.1	29.1	0.1	29.0	281.07
39.92	0.0	0.0	29.0	0.1	28.8	0.1	28.7	281.06
40.00	0.0	0.0	28.7	0.1	28.6	0.1	28.5	281.06
40.08	0.0	0.0	28.5	0.1	28.3	0.1	28.2	281.05
40.17	0.0	0.0	28.2	0.1	28.1	0.1	28.0	281.05
40.25	0.0	0.0	28.0	0.1	27.8	0.1	27.7	281.04
40.33	0.0	0.0	27.7	0.1	27.6	0.1	27.5	281.04
40.42	0.0	0.0	27.5	0.1	27.4	0.1	27.3	281.03
40.50	0.0	0.0	27.3	0.1	27.1	0.1	27.0	281.03
40.58	0.0	0.0	27.0	0.1	26.9	0.1	26.8	281.03
40.67	0.0	0.0	26.8	0.1	26.7	0.1	26.6	281.02
40.75	0.0	0.0	26.6	0.1	26.4	0.1	26.3	281.02
40.83	0.0	0.0	26.3	0.1	26.2	0.1	26.1	281.01
40.92	0.0	0.0	26.1	0.1	26.0	0.1	25.9	281.01
41.00	0.0	0.0	25.9	0.1	25.8	0.1	25.6	281.00
41.08	0.0	0.0	25.6	0.1	25.5	0.1	25.4	281.00
41.17	0.0	0.0	25.4	0.1	25.3	0.1	25.2	280.99
41.25	0.0	0.0	25.2	0.1	25.1	0.1	25.0	280.99
41.33	0.0	0.0	25.0	0.1	24.9	0.1	24.8	280.99
41.42	0.0	0.0	24.8	0.1	24.7	0.1	24.6	280.98
41.50	0.0	0.0	24.6	0.1	24.5	0.1	24.3	280.98
41.58	0.0	0.0	24.3	0.1	24.2	0.1	24.1	280.97

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
41.67	0.0	0.0	24.1	0.1	24.0	0.1	23.9	280.97
41.75	0.0	0.0	23.9	0.1	23.8	0.1	23.7	280.97
41.83	0.0	0.0	23.7	0.1	23.6	0.1	23.5	280.96
41.92	0.0	0.0	23.5	0.1	23.4	0.1	23.3	280.96
42.00	0.0	0.0	23.3	0.1	23.2	0.1	23.1	280.95
42.08	0.0	0.0	23.1	0.1	23.0	0.1	22.9	280.95
42.17	0.0	0.0	22.9	0.1	22.8	0.1	22.7	280.95
42.25	0.0	0.0	22.7	0.1	22.6	0.1	22.5	280.94
42.33	0.0	0.0	22.5	0.1	22.4	0.1	22.3	280.94
42.42	0.0	0.0	22.3	0.1	22.2	0.1	22.1	280.93
[illegible]50	0.0	0.0	22.1	0.1	22.0	0.1	21.9	280.93
[illegible].58	0.0	0.0	21.9	0.1	21.8	0.1	21.7	280.93
42.67	0.0	0.0	21.7	0.1	21.7	0.1	21.6	280.92
42.75	0.0	0.0	21.6	0.1	21.5	0.1	21.4	280.92
42.83	0.0	0.0	21.4	0.1	21.3	0.1	21.2	280.92
42.92	0.0	0.0	21.2	0.1	21.1	0.1	21.0	280.91
43.00	0.0	0.0	21.0	0.1	20.9	0.1	20.8	280.91
43.08	0.0	0.0	20.8	0.1	20.7	0.1	20.6	280.91
43.17	0.0	0.0	20.6	0.1	20.6	0.1	20.5	280.90
43.25	0.0	0.0	20.5	0.1	20.4	0.1	20.3	280.90
43.33	0.0	0.0	20.3	0.1	20.2	0.1	20.1	280.89
43.42	0.0	0.0	20.1	0.1	20.0	0.1	19.9	280.89
43.50	0.0	0.0	19.9	0.1	19.9	0.1	19.8	280.89
43.58	0.0	0.0	19.8	0.1	19.7	0.1	19.6	280.88
43.67	0.0	0.0	19.6	0.1	19.5	0.1	19.4	280.88
43.75	0.0	0.0	19.4	0.1	19.3	0.1	19.3	280.88
43.83	0.0	0.0	19.3	0.1	19.2	0.1	19.1	280.87
43.92	0.0	0.0	19.1	0.1	19.0	0.1	18.9	280.87
44.00	0.0	0.0	18.9	0.1	18.8	0.1	18.8	280.87
44.08	0.0	0.0	18.8	0.1	18.7	0.1	18.6	280.87
44.17	0.0	0.0	18.6	0.1	18.5	0.1	18.4	280.86
44.25	0.0	0.0	18.4	0.1	18.4	0.1	18.3	280.86
44.33	0.0	0.0	18.3	0.1	18.2	0.1	18.1	280.86
44.42	0.0	0.0	18.1	0.1	18.0	0.1	18.0	280.85
44.50	0.0	0.0	18.0	0.1	17.9	0.1	17.8	280.85
44.58	0.0	0.0	17.8	0.1	17.7	0.1	17.7	280.85
[illegible]67	0.0	0.0	17.7	0.1	17.6	0.1	17.5	280.84

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
44.75	0.0	0.0	17.5	0.1	17.4	0.1	17.4	280.84
44.83	0.0	0.0	17.4	0.1	17.3	0.1	17.2	280.84
44.92	0.0	0.0	17.2	0.1	17.1	0.1	17.1	280.83
45.00	0.0	0.0	17.1	0.1	17.0	0.1	16.9	280.83
45.08	0.0	0.0	16.9	0.1	16.8	0.1	16.8	280.83
45.17	0.0	0.0	16.8	0.1	16.7	0.1	16.6	280.83
45.25	0.0	0.0	16.6	0.1	16.5	0.1	16.5	280.82
45.33	0.0	0.0	16.5	0.1	16.4	0.1	16.3	280.82
45.42	0.0	0.0	16.3	0.1	16.3	0.1	16.2	280.82
45.50	0.0	0.0	16.2	0.1	16.1	0.1	16.1	280.82
[illegible]58	0.0	0.0	16.1	0.1	16.0	0.1	15.9	280.81
[illegible].67	0.0	0.0	15.9	0.1	15.8	0.1	15.8	280.81
45.75	0.0	0.0	15.8	0.1	15.7	0.1	15.6	280.81
45.83	0.0	0.0	15.6	0.1	15.6	0.1	15.5	280.80
45.92	0.0	0.0	15.5	0.1	15.4	0.1	15.4	280.80
46.00	0.0	0.0	15.4	0.1	15.3	0.1	15.2	280.80
46.08	0.0	0.0	15.2	0.1	15.2	0.1	15.1	280.80
46.17	0.0	0.0	15.1	0.1	15.0	0.1	15.0	280.79
46.25	0.0	0.0	15.0	0.1	14.9	0.1	14.8	280.79
46.33	0.0	0.0	14.8	0.1	14.8	0.1	14.7	280.79
46.42	0.0	0.0	14.7	0.1	14.7	0.1	14.6	280.79
46.50	0.0	0.0	14.6	0.1	14.5	0.1	14.5	280.78
46.58	0.0	0.0	14.5	0.1	14.4	0.1	14.3	280.78
46.67	0.0	0.0	14.3	0.1	14.3	0.1	14.2	280.78
46.75	0.0	0.0	14.2	0.1	14.2	0.1	14.1	280.78
46.83	0.0	0.0	14.1	0.1	14.0	0.1	14.0	280.77
46.92	0.0	0.0	14.0	0.1	13.9	0.1	13.9	280.77
47.00	0.0	0.0	13.9	0.1	13.8	0.1	13.7	280.77
47.08	0.0	0.0	13.7	0.1	13.7	0.1	13.6	280.77
47.17	0.0	0.0	13.6	0.1	13.6	0.1	13.5	280.76
47.25	0.0	0.0	13.5	0.1	13.4	0.1	13.4	280.76
47.33	0.0	0.0	13.4	0.1	13.3	0.1	13.3	280.76
47.42	0.0	0.0	13.3	0.1	13.2	0.1	13.1	280.76
47.50	0.0	0.0	13.1	0.1	13.1	0.1	13.0	280.76
47.58	0.0	0.0	13.0	0.1	13.0	0.1	12.9	280.75
47.67	0.0	0.0	12.9	0.1	12.9	0.1	12.8	280.75
[illegible].75	0.0	0.0	12.8	0.1	12.8	0.1	12.7	280.75

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
25 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
47.83	0.0	0.0	12.7	0.1	12.6	0.1	12.6	280.75
47.92	0.0	0.0	12.6	0.1	12.5	0.1	12.5	280.74
48.00	0.0	0.0	12.5	0.1	12.4	0.1	12.4	280.74
48.08	0.0	0.0	12.4	0.1	12.3	0.1	12.3	280.74
48.17	0.0	0.0	12.3	0.1	12.2	0.1	12.2	280.74
48.25	0.0	0.0	12.2	0.1	12.1	0.1	12.1	280.74
48.33	0.0	0.0	12.1	0.1	12.0	0.1	12.0	280.73
48.42	0.0	0.0	12.0	0.1	11.9	0.1	11.8	280.73
48.50	0.0	0.0	11.8	0.1	11.8	0.1	11.7	280.73
48.58	0.0	0.0	11.7	0.1	11.7	0.1	11.6	280.73
[illegible]67	0.0	0.0	11.6	0.1	11.6	0.1	11.5	280.73
75	0.0	0.0	11.5	0.1	11.5	0.0	11.4	280.72

TIME TO PEAK = 13.33 HOURS
MAXIMUM DISCHARGE = 2.919 C.F.S.
MAXIMUM STORAGE = 49,140.6 CU.FT.
MAXIMUM ELEVATION = 284.58 FEET
INFLOW VOLUME = 93,891.7 CU.FT.
DISCHARGE VOLUME = 92,175.2 CU.FT.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA D		
BASIN DISCHARGES INTO		MICROPOOL POND		
BASIN AREA	=	6.89	ACRES	
BASIN CURVE NUMBER	=	79.73		
24-HOUR PRECIPITATION	=	7.50	INCHES	
24-HOUR RUNOFF	=	5.13	INCHES	
AVERAGE BASIN SLOPE	=	3.00	%	
HYDRAULIC LENGTH	=	1,291.00	FEET	
BASIN LAG ,(Tc)	=	0.23	HOURS ,	0.38 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	5.42	0.0	5.50	0.0	5.58	0.0
5.67	0.0	5.75	0.0	5.83	0.0	5.92	0.0
6.00	0.0	6.08	0.0	6.17	0.0	6.25	0.0
6.33	0.0	6.42	0.0	6.50	0.0	6.58	0.0
6.67	0.0	6.75	0.1	6.83	0.1	6.92	0.1
7.00	0.1	7.08	0.1	7.17	0.1	7.25	0.1
7.33	0.1	7.42	0.1	7.50	0.1	7.58	0.2
7.67	0.2	7.75	0.2	7.83	0.2	7.92	0.3
8.00	0.3	8.08	0.3	8.17	0.3	8.25	0.3
8.33	0.4	8.42	0.4	8.50	0.4	8.58	0.4
8.67	0.4	8.75	0.5	8.83	0.5	8.92	0.5
9.00	0.6	9.08	0.6	9.17	0.6	9.25	0.6
9.33	0.7	9.42	0.7	9.50	0.7	9.58	0.7
9.67	0.8	9.75	0.8	9.83	0.9	9.92	0.9
10.00	0.9	10.08	1.0	10.17	1.0	10.25	1.1
10.33	1.1	10.42	1.2	10.50	1.3	10.58	1.4
10.67	1.4	10.75	1.5	10.83	1.6	10.92	1.7
11.00	1.8	11.08	1.9	11.17	2.1	11.25	2.2
11.33	2.3	11.42	2.5	11.50	2.8	11.58	3.1
11.67	3.4	11.75	3.9	11.83	4.7	11.92	6.5
12.00	9.8	12.08	14.8	12.17	20.8	12.25	25.4
12.33	27.0	12.42	24.9	12.50	20.8	12.58	16.1
12.67	12.3	12.75	9.6	12.83	7.7	12.92	6.5
13.00	5.6	13.08	5.0	13.17	4.5	13.25	4.1
13.33	3.8	13.42	3.6	13.50	3.4	13.58	3.2

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HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
13.67	3.1	13.75	2.9	13.83	2.8	13.92	2.7
14.00	2.6	14.08	2.5	14.17	2.4	14.25	2.3
14.33	2.3	14.42	2.2	14.50	2.2	14.58	2.2
14.67	2.1	14.75	2.1	14.83	2.0	14.92	1.9
15.00	1.9	15.08	1.8	15.17	1.8	15.25	1.8
15.33	1.7	15.42	1.7	15.50	1.6	15.58	1.6
15.67	1.6	15.75	1.6	15.83	1.6	15.92	1.5
16.00	1.5	16.08	1.5	16.17	1.5	16.25	1.4
16.33	1.3	16.42	1.3	16.50	1.2	16.58	1.2
16.67	1.2	16.75	1.2	16.83	1.2	16.92	1.2
17.00	1.2	17.08	1.2	17.17	1.2	17.25	1.1
17.33	1.0	17.42	1.0	17.50	0.9	17.58	0.9
17.67	0.9	17.75	0.9	17.83	0.9	17.92	0.9
.00	0.9	18.08	0.9	18.17	0.9	18.25	0.8
18.33	0.8	18.42	0.8	18.50	0.7	18.58	0.7
18.67	0.7	18.75	0.7	18.83	0.7	18.92	0.7
19.00	0.7	19.08	0.7	19.17	0.7	19.25	0.7
19.33	0.7	19.42	0.7	19.50	0.6	19.58	0.6
19.67	0.6	19.75	0.6	19.83	0.6	19.92	0.6
20.00	0.6	20.08	0.6	20.17	0.6	20.25	0.6
20.33	0.6	20.42	0.6	20.50	0.6	20.58	0.6
20.67	0.6	20.75	0.6	20.83	0.6	20.92	0.6
21.00	0.6	21.08	0.6	21.17	0.6	21.25	0.6
21.33	0.5	21.42	0.5	21.50	0.5	21.58	0.5
21.67	0.5	21.75	0.5	21.83	0.5	21.92	0.5
22.00	0.5	22.08	0.5	22.17	0.5	22.25	0.5
22.33	0.5	22.42	0.5	22.50	0.5	22.58	0.5
22.67	0.5	22.75	0.5	22.83	0.5	22.92	0.5
23.00	0.5	23.08	0.5	23.17	0.5	23.25	0.5
23.33	0.5	23.42	0.5	23.50	0.5	23.58	0.5
23.67	0.5	23.75	0.5	23.83	0.5	23.92	0.5
24.00	0.5	24.08	0.5	24.17	0.5	24.25	0.4
24.33	0.2	24.42	0.1	24.50	0.1	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0
25.00	0.0	25.08	0.0	25.17	0.0	25.25	0.0

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HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
25.33	0.0	25.42	0.0	25.50	0.0	25.58	0.0
25.67	0.0	25.75	0.0	25.83	0.0	25.92	0.0

TIME TO PEAK = 12.33 HOURS
PEAK RUNOFF = 26.95 C.F.S.

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STAGE, STORAGE + DISCHARGE

POND IDENTIFIER MICROPOOL POND

1 = 3 INCH CIRCULAR ORIFICE - INVERT 280.5
2 = 3 INCH CIRCULAR ORIFICE - INVERT 281.9
3 = 7.5 INCH CIRCULAR ORIFICE - INVERT 282.5
4 = 3 INCH CIRCULAR ORIFICE - INVERT 284

ELEV	STORAGE (CU.FT.)	OUTFLOW (CFS)	2S/T+O (CFS)
280.50	0.0	0.000	0.0
281.50	7644.0	0.221	51.2
281.90	11774.7	0.267	78.8
282.00	12860.7	0.301	86.0
282.50	18616.2	0.487	124.6
283.00	24922.9	1.261	167.4
284.00	39319.4	2.376	264.5
285.00	56169.9	3.308	377.8
285.50	65526.4	3.661	440.5
286.00	75523.2	3.980	507.5

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HYDROGRAPH RESERVOIR ROUTING

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
6.75	0.0	0.1	0.0	0.0	0.1	0.0	0.1	280.50
6.83	0.1	0.1	0.1	0.0	0.2	0.0	0.2	280.50
6.92	0.1	0.1	0.2	0.0	0.3	0.0	0.3	280.51
7.00	0.1	0.1	0.3	0.0	0.4	0.0	0.4	280.51
7.08	0.1	0.1	0.4	0.0	0.6	0.0	0.6	280.51
7.17	0.1	0.1	0.6	0.0	0.8	0.0	0.8	280.51
7.25	0.1	0.1	0.8	0.0	0.9	0.0	0.9	280.52
7.33	0.1	0.1	0.9	0.0	1.2	0.0	1.2	280.52
7.42	0.1	0.1	1.2	0.0	1.4	0.0	1.4	280.53
7.50	0.1	0.1	1.4	0.0	1.7	0.0	1.7	280.53
7.58	0.1	0.2	1.7	0.0	2.0	0.0	1.9	280.54
7.67	0.2	0.2	1.9	0.0	2.3	0.0	2.3	280.54
7.75	0.2	0.2	2.3	0.0	2.6	0.0	2.6	280.55
7.83	0.2	0.2	2.6	0.0	3.0	0.0	3.0	280.56
7.92	0.2	0.3	3.0	0.0	3.5	0.0	3.5	280.57
8.00	0.3	0.3	3.5	0.0	4.0	0.0	4.0	280.58
8.08	0.3	0.3	4.0	0.0	4.6	0.0	4.5	280.59
8.17	0.3	0.3	4.5	0.0	5.1	0.0	5.1	280.60
8.25	0.3	0.3	5.1	0.0	5.8	0.0	5.7	280.61
8.33	0.3	0.4	5.7	0.0	6.4	0.0	6.4	280.62
8.42	0.4	0.4	6.4	0.0	7.1	0.0	7.0	280.64
8.50	0.4	0.4	7.0	0.0	7.8	0.0	7.7	280.65
8.58	0.4	0.4	7.7	0.0	8.5	0.0	8.4	280.67
8.67	0.4	0.4	8.4	0.0	9.2	0.0	9.2	280.68
8.75	0.4	0.5	9.2	0.0	10.0	0.0	10.0	280.70
8.83	0.5	0.5	10.0	0.0	10.9	0.0	10.9	280.71
8.92	0.5	0.5	10.9	0.0	11.9	0.1	11.8	280.73
9.00	0.5	0.6	11.8	0.1	12.9	0.1	12.8	280.75
9.08	0.6	0.6	12.8	0.1	14.0	0.1	13.9	280.77
9.17	0.6	0.6	13.9	0.1	15.1	0.1	15.0	280.79
9.25	0.6	0.6	15.0	0.1	16.2	0.1	16.1	280.82
9.33	0.6	0.7	16.1	0.1	17.4	0.1	17.3	280.84
9.42	0.7	0.7	17.3	0.1	18.6	0.1	18.5	280.86
9.50	0.7	0.7	18.5	0.1	19.8	0.1	19.7	280.89
9.58	0.7	0.7	19.7	0.1	21.0	0.1	20.9	280.91
9.67	0.7	0.8	20.9	0.1	22.3	0.1	22.2	280.94
9.75	0.8	0.8	22.2	0.1	23.7	0.1	23.6	280.96

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
9.83	0.8	0.9	23.6	0.1	25.1	0.1	25.0	280.99
9.92	0.9	0.9	25.0	0.1	26.7	0.1	26.6	281.02
10.00	0.9	0.9	26.6	0.1	28.3	0.1	28.2	281.05
10.08	0.9	1.0	28.2	0.1	29.9	0.1	29.8	281.09
10.17	1.0	1.0	29.8	0.1	31.7	0.1	31.5	281.12
10.25	1.0	1.1	31.5	0.1	33.5	0.1	33.3	281.15
10.33	1.1	1.1	33.3	0.1	35.4	0.2	35.2	281.19
10.42	1.1	1.2	35.2	0.2	37.4	0.2	37.3	281.23
10.50	1.2	1.3	37.3	0.2	39.6	0.2	39.4	281.27
10.58	1.3	1.4	39.4	0.2	41.9	0.2	41.7	281.32
10.67	1.4	1.4	41.7	0.2	44.3	0.2	44.1	281.37
10.75	1.4	1.5	44.1	0.2	46.9	0.2	46.7	281.42
10.83	1.5	1.6	46.7	0.2	49.5	0.2	49.3	281.47
10.92	1.6	1.7	49.3	0.2	52.3	0.2	52.1	281.52
11.00	1.7	1.8	52.1	0.2	55.3	0.2	55.1	281.56
11.08	1.8	1.9	55.1	0.2	58.6	0.2	58.4	281.61
11.17	1.9	2.1	58.4	0.2	62.1	0.2	61.9	281.66
11.25	2.1	2.2	61.9	0.2	65.9	0.2	65.6	281.71
11.33	2.2	2.3	65.6	0.2	69.9	0.3	69.7	281.77
11.42	2.3	2.5	69.7	0.3	74.3	0.3	74.1	281.84
11.50	2.5	2.8	74.1	0.3	79.1	0.3	78.8	281.90
11.58	2.8	3.1	78.8	0.3	84.5	0.3	84.2	281.98
11.67	3.1	3.4	84.2	0.3	90.4	0.3	90.0	282.06
11.75	3.4	3.9	90.0	0.3	97.0	0.4	96.6	282.14
11.83	3.9	4.7	96.6	0.4	104.8	0.4	104.4	282.24
11.92	4.7	6.5	104.4	0.4	115.2	0.4	114.8	282.38
12.00	6.5	9.8	114.8	0.4	130.6	0.6	130.1	282.57
12.08	9.8	14.8	130.1	0.6	154.0	1.0	153.0	282.84
12.17	14.8	20.8	153.0	1.0	187.5	1.5	186.0	283.21
12.25	20.8	25.4	186.0	1.5	230.7	2.0	228.7	283.65
12.33	25.4	27.0	228.7	2.0	279.1	2.5	276.6	284.13
12.42	27.0	24.9	276.6	2.5	326.0	2.9	323.1	284.54
12.50	24.9	20.8	323.1	2.9	365.9	3.2	362.7	284.90
12.58	20.8	16.1	362.7	3.2	396.4	3.4	393.0	285.15
12.67	16.1	12.3	393.0	3.4	418.0	3.5	414.5	285.32
12.75	12.3	9.6	414.5	3.5	432.8	3.6	429.2	285.44
12.83	9.6	7.7	429.2	3.6	442.8	3.7	439.2	285.52

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
12.92	7.7	6.5	439.2	3.7	449.8	3.7	446.0	285.57
13.00	6.5	5.6	446.0	3.7	454.5	3.7	450.7	285.60
13.08	5.6	5.0	450.7	3.7	457.6	3.7	453.8	285.63
13.17	5.0	4.5	453.8	3.7	459.5	3.8	455.8	285.64
13.25	4.5	4.1	455.8	3.8	460.5	3.8	456.8	285.65
13.33	4.1	3.8	456.8	3.8	460.9	3.8	457.1	285.65
13.42	3.8	3.6	457.1	3.8	460.7	3.8	457.0	285.65
13.50	3.6	3.4	457.0	3.8	460.2	3.8	456.4	285.65
13.58	3.4	3.2	456.4	3.8	459.3	3.8	455.5	285.64
13.67	3.2	3.1	455.5	3.8	458.1	3.7	454.3	285.63
13.75	3.1	2.9	454.3	3.7	456.5	3.7	452.8	285.62
13.83	2.9	2.8	452.8	3.7	454.7	3.7	451.0	285.61
13.92	2.8	2.7	451.0	3.7	452.7	3.7	449.0	285.59
14.00	2.7	2.6	449.0	3.7	450.5	3.7	446.8	285.57
14.08	2.6	2.5	446.8	3.7	448.1	3.7	444.4	285.56
14.17	2.5	2.4	444.4	3.7	445.6	3.7	441.9	285.54
14.25	2.4	2.3	441.9	3.7	443.0	3.7	439.3	285.52
14.33	2.3	2.3	439.3	3.7	440.3	3.7	436.6	285.50
14.42	2.3	2.2	436.6	3.7	437.4	3.6	433.8	285.48
14.50	2.2	2.2	433.8	3.6	434.6	3.6	431.0	285.45
14.58	2.2	2.2	431.0	3.6	431.7	3.6	428.1	285.43
14.67	2.2	2.1	428.1	3.6	428.8	3.6	425.2	285.41
14.75	2.1	2.1	425.2	3.6	425.9	3.6	422.3	285.38
14.83	2.1	2.0	422.3	3.6	422.7	3.6	419.2	285.36
14.92	2.0	1.9	419.2	3.6	419.5	3.5	415.9	285.33
15.00	1.9	1.9	415.9	3.5	416.2	3.5	412.6	285.31
15.08	1.9	1.8	412.6	3.5	412.8	3.5	409.3	285.28
15.17	1.8	1.8	409.3	3.5	409.4	3.5	405.9	285.25
15.25	1.8	1.8	405.9	3.5	406.0	3.5	402.5	285.23
15.33	1.8	1.7	402.5	3.5	402.5	3.4	399.1	285.20
15.42	1.7	1.7	399.1	3.4	399.0	3.4	395.6	285.17
15.50	1.7	1.6	395.6	3.4	395.5	3.4	392.1	285.14
15.58	1.6	1.6	392.1	3.4	391.9	3.4	388.5	285.11
15.67	1.6	1.6	388.5	3.4	388.4	3.4	385.0	285.08
15.75	1.6	1.6	385.0	3.4	384.9	3.3	381.5	285.06
15.83	1.6	1.6	381.5	3.3	381.3	3.3	378.0	285.03
15.92	1.6	1.5	378.0	3.3	377.8	3.3	374.5	285.00

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POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
16.00	1.5	1.5	374.5	3.3	374.3	3.3	371.0	284.97
16.08	1.5	1.5	371.0	3.3	370.8	3.3	367.5	284.94
16.17	1.5	1.5	367.5	3.3	367.3	3.2	364.1	284.91
16.25	1.5	1.4	364.1	3.2	363.8	3.2	360.6	284.88
16.33	1.4	1.3	360.6	3.2	360.2	3.2	357.0	284.84
16.42	1.3	1.3	357.0	3.2	356.5	3.1	353.4	284.81
16.50	1.3	1.2	353.4	3.1	352.8	3.1	349.7	284.78
16.58	1.2	1.2	349.7	3.1	349.0	3.1	345.9	284.75
16.67	1.2	1.2	345.9	3.1	345.3	3.0	342.3	284.71
16.75	1.2	1.2	342.3	3.0	341.6	3.0	338.6	284.68
16.83	1.2	1.2	338.6	3.0	338.0	3.0	335.0	284.65
16.92	1.2	1.2	335.0	3.0	334.5	3.0	331.5	284.62
17.00	1.2	1.2	331.5	3.0	330.9	2.9	328.0	284.59
17.08	1.2	1.2	328.0	2.9	327.5	2.9	324.6	284.56
17.17	1.2	1.2	324.6	2.9	324.1	2.9	321.2	284.53
17.25	1.2	1.1	321.2	2.9	320.6	2.8	317.8	284.50
17.33	1.1	1.0	317.8	2.8	317.0	2.8	314.2	284.46
17.42	1.0	1.0	314.2	2.8	313.4	2.8	310.6	284.43
17.50	1.0	0.9	310.6	2.8	309.7	2.7	306.9	284.40
17.58	0.9	0.9	306.9	2.7	306.0	2.7	303.3	284.37
17.67	0.9	0.9	303.3	2.7	302.3	2.7	299.7	284.33
17.75	0.9	0.9	299.7	2.7	298.7	2.7	296.1	284.30
17.83	0.9	0.9	296.1	2.7	295.1	2.6	292.5	284.27
17.92	0.9	0.9	292.5	2.6	291.6	2.6	289.0	284.24
18.00	0.9	0.9	289.0	2.6	288.2	2.6	285.6	284.21
18.08	0.9	0.9	285.6	2.6	284.7	2.5	282.2	284.18
18.17	0.9	0.9	282.2	2.5	281.4	2.5	278.9	284.15
18.25	0.9	0.8	278.9	2.5	278.0	2.5	275.5	284.12
18.33	0.8	0.8	275.5	2.5	274.6	2.5	272.2	284.09
18.42	0.8	0.8	272.2	2.5	271.3	2.4	268.8	284.06
18.50	0.8	0.7	268.8	2.4	267.9	2.4	265.5	284.03
18.58	0.7	0.7	265.5	2.4	264.6	2.4	262.2	284.00
18.67	0.7	0.7	262.2	2.4	261.3	2.3	258.9	283.97
18.75	0.7	0.7	258.9	2.3	258.1	2.3	255.8	283.93
18.83	0.7	0.7	255.8	2.3	254.9	2.3	252.6	283.90
18.92	0.7	0.7	252.6	2.3	251.8	2.2	249.6	283.87
19.00	0.7	0.7	249.6	2.2	248.8	2.2	246.6	283.84

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
19.08	0.7	0.7	246.6	2.2	245.8	2.2	243.7	283.81
19.17	0.7	0.7	243.7	2.2	243.0	2.1	240.8	283.78
19.25	0.7	0.7	240.8	2.1	240.1	2.1	238.0	283.75
19.33	0.7	0.7	238.0	2.1	237.3	2.1	235.2	283.72
19.42	0.7	0.7	235.2	2.1	234.5	2.0	232.4	283.69
19.50	0.7	0.6	232.4	2.0	231.7	2.0	229.7	283.66
19.58	0.6	0.6	229.7	2.0	229.0	2.0	227.0	283.63
19.67	0.6	0.6	227.0	2.0	226.3	1.9	224.4	283.61
19.75	0.6	0.6	224.4	1.9	223.7	1.9	221.8	283.58
19.83	0.6	0.6	221.8	1.9	221.1	1.9	219.3	283.55
19.92	0.6	0.6	219.3	1.9	218.6	1.8	216.8	283.53
20.00	0.6	0.6	216.8	1.8	216.2	1.8	214.4	283.50
20.08	0.6	0.6	214.4	1.8	213.8	1.8	212.0	283.48
20.17	0.6	0.6	212.0	1.8	211.5	1.8	209.7	283.45
20.25	0.6	0.6	209.7	1.8	209.2	1.7	207.4	283.43
20.33	0.6	0.6	207.4	1.7	206.9	1.7	205.2	283.41
20.42	0.6	0.6	205.2	1.7	204.6	1.7	203.0	283.38
20.50	0.6	0.6	203.0	1.7	202.4	1.7	200.8	283.36
20.58	0.6	0.6	200.8	1.7	200.3	1.6	198.7	283.34
20.67	0.6	0.6	198.7	1.6	198.2	1.6	196.6	283.32
20.75	0.6	0.6	196.6	1.6	196.1	1.6	194.5	283.30
20.83	0.6	0.6	194.5	1.6	194.1	1.6	192.5	283.27
20.92	0.6	0.6	192.5	1.6	192.1	1.5	190.6	283.25
21.00	0.6	0.6	190.6	1.5	190.2	1.5	188.7	283.23
21.08	0.6	0.6	188.7	1.5	188.3	1.5	186.8	283.22
21.17	0.6	0.6	186.8	1.5	186.4	1.5	185.0	283.20
21.25	0.6	0.6	185.0	1.5	184.6	1.5	183.2	283.18
21.33	0.6	0.5	183.2	1.5	182.8	1.4	181.3	283.16
21.42	0.5	0.5	181.3	1.4	181.0	1.4	179.6	283.14
21.50	0.5	0.5	179.6	1.4	179.2	1.4	177.8	283.12
21.58	0.5	0.5	177.8	1.4	177.4	1.4	176.0	283.10
21.67	0.5	0.5	176.0	1.4	175.7	1.4	174.3	283.08
21.75	0.5	0.5	174.3	1.4	173.9	1.3	172.6	283.07
21.83	0.5	0.5	172.6	1.3	172.3	1.3	171.0	283.05
21.92	0.5	0.5	171.0	1.3	170.6	1.3	169.3	283.03
22.00	0.5	0.5	169.3	1.3	169.0	1.3	167.8	283.02
22.08	0.5	0.5	167.8	1.3	167.5	1.3	166.2	283.00

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POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
22.17	0.5	0.5	166.2	1.3	166.0	1.2	164.7	282.98
22.25	0.5	0.5	164.7	1.2	164.5	1.2	163.3	282.97
22.33	0.5	0.5	163.3	1.2	163.1	1.2	161.9	282.95
22.42	0.5	0.5	161.9	1.2	161.7	1.2	160.6	282.93
22.50	0.5	0.5	160.6	1.2	160.4	1.1	159.3	282.92
22.58	0.5	0.5	159.3	1.1	159.1	1.1	158.0	282.90
22.67	0.5	0.5	158.0	1.1	157.9	1.1	156.8	282.89
22.75	0.5	0.5	156.8	1.1	156.7	1.1	155.7	282.88
22.83	0.5	0.5	155.7	1.1	155.6	1.0	154.5	282.86
22.92	0.5	0.5	154.5	1.0	154.5	1.0	153.5	282.85
[illegible]00	0.5	0.5	153.5	1.0	153.4	1.0	152.4	282.84
[illegible].08	0.5	0.5	152.4	1.0	152.4	1.0	151.4	282.82
23.17	0.5	0.5	151.4	1.0	151.4	1.0	150.5	282.81
23.25	0.5	0.5	150.5	1.0	150.5	1.0	149.5	282.80
23.33	0.5	0.5	149.5	1.0	149.6	0.9	148.6	282.79
23.42	0.5	0.5	148.6	0.9	148.7	0.9	147.8	282.78
23.50	0.5	0.5	147.8	0.9	147.9	0.9	147.0	282.77
23.58	0.5	0.5	147.0	0.9	147.1	0.9	146.2	282.76
23.67	0.5	0.5	146.2	0.9	146.3	0.9	145.4	282.75
23.75	0.5	0.5	145.4	0.9	145.5	0.9	144.6	282.74
23.83	0.5	0.5	144.6	0.9	144.8	0.9	143.9	282.74
23.92	0.5	0.5	143.9	0.9	144.1	0.8	143.2	282.73
24.00	0.5	0.5	143.2	0.8	143.4	0.8	142.6	282.72
24.08	0.5	0.5	142.6	0.8	142.7	0.8	141.9	282.71
24.17	0.5	0.5	141.9	0.8	142.1	0.8	141.3	282.70
24.25	0.5	0.4	141.3	0.8	141.3	0.8	140.5	282.69
24.33	0.4	0.2	140.5	0.8	140.3	0.8	139.5	282.68
24.42	0.2	0.1	139.5	0.8	139.1	0.7	138.4	282.67
24.50	0.1	0.1	138.4	0.7	137.8	0.7	137.1	282.65
24.58	0.1	0.0	137.1	0.7	136.5	0.7	135.8	282.64
24.67	0.0	0.0	135.8	0.7	135.2	0.7	134.5	282.62
24.75	0.0	0.0	134.5	0.7	133.8	0.7	133.2	282.61
24.83	0.0	0.0	133.2	0.7	132.6	0.6	131.9	282.59
24.92	0.0	0.0	131.9	0.6	131.3	0.6	130.7	282.58
25.00	0.0	0.0	130.7	0.6	130.1	0.6	129.5	282.56
25.08	0.0	0.0	129.5	0.6	128.9	0.6	128.4	282.55
[illegible].17	0.0	0.0	128.4	0.6	127.8	0.5	127.3	282.54

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POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
25.25	0.0	0.0	127.3	0.5	126.7	0.5	126.2	282.52
25.33	0.0	0.0	126.2	0.5	125.7	0.5	125.2	282.51
25.42	0.0	0.0	125.2	0.5	124.7	0.5	124.2	282.50
25.50	0.0	0.0	124.2	0.5	123.7	0.5	123.2	282.49
25.58	0.0	0.0	123.2	0.5	122.7	0.5	122.2	282.48
25.67	0.0	0.0	122.2	0.5	121.8	0.5	121.3	282.46
25.75	0.0	0.0	121.3	0.5	120.8	0.5	120.4	282.45
25.83	0.0	0.0	120.4	0.5	119.9	0.5	119.4	282.44
25.92	0.0	0.0	119.4	0.5	119.0	0.5	118.5	282.43
26.00	0.0	0.0	118.5	0.5	118.0	0.5	117.6	282.41
26.08	0.0	0.0	117.6	0.5	117.1	0.5	116.7	282.40
26.17	0.0	0.0	116.7	0.5	116.2	0.4	115.8	282.39
26.25	0.0	0.0	115.8	0.4	115.3	0.4	114.9	282.38
26.33	0.0	0.0	114.9	0.4	114.4	0.4	114.0	282.37
26.42	0.0	0.0	114.0	0.4	113.6	0.4	113.1	282.36
26.50	0.0	0.0	113.1	0.4	112.7	0.4	112.3	282.35
26.58	0.0	0.0	112.3	0.4	111.8	0.4	111.4	282.33
26.67	0.0	0.0	111.4	0.4	111.0	0.4	110.6	282.32
26.75	0.0	0.0	110.6	0.4	110.2	0.4	109.7	282.31
26.83	0.0	0.0	109.7	0.4	109.3	0.4	108.9	282.30
26.92	0.0	0.0	108.9	0.4	108.5	0.4	108.1	282.29
27.00	0.0	0.0	108.1	0.4	107.7	0.4	107.3	282.28
27.08	0.0	0.0	107.3	0.4	106.9	0.4	106.5	282.27
27.17	0.0	0.0	106.5	0.4	106.1	0.4	105.7	282.26
27.25	0.0	0.0	105.7	0.4	105.3	0.4	104.9	282.25
27.33	0.0	0.0	104.9	0.4	104.5	0.4	104.1	282.24
27.42	0.0	0.0	104.1	0.4	103.7	0.4	103.3	282.23
27.50	0.0	0.0	103.3	0.4	102.9	0.4	102.6	282.22
27.58	0.0	0.0	102.6	0.4	102.2	0.4	101.8	282.21
27.67	0.0	0.0	101.8	0.4	101.4	0.4	101.0	282.20
27.75	0.0	0.0	101.0	0.4	100.7	0.4	100.3	282.19
27.83	0.0	0.0	100.3	0.4	99.9	0.4	99.6	282.18
27.92	0.0	0.0	99.6	0.4	99.2	0.4	98.8	282.17
28.00	0.0	0.0	98.8	0.4	98.5	0.4	98.1	282.16
28.08	0.0	0.0	98.1	0.4	97.7	0.4	97.4	282.15
28.17	0.0	0.0	97.4	0.4	97.0	0.4	96.7	282.14
28.25	0.0	0.0	96.7	0.4	96.3	0.4	96.0	282.13

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
28.33	0.0	0.0	96.0	0.4	95.6	0.3	95.3	282.12
28.42	0.0	0.0	95.3	0.3	94.9	0.3	94.6	282.12
28.50	0.0	0.0	94.6	0.3	94.2	0.3	93.9	282.11
28.58	0.0	0.0	93.9	0.3	93.5	0.3	93.2	282.10
28.67	0.0	0.0	93.2	0.3	92.9	0.3	92.5	282.09
28.75	0.0	0.0	92.5	0.3	92.2	0.3	91.9	282.08
28.83	0.0	0.0	91.9	0.3	91.5	0.3	91.2	282.07
28.92	0.0	0.0	91.2	0.3	90.9	0.3	90.6	282.06
29.00	0.0	0.0	90.6	0.3	90.2	0.3	89.9	282.05
29.08	0.0	0.0	89.9	0.3	89.6	0.3	89.3	282.05
17	0.0	0.0	89.3	0.3	89.0	0.3	88.7	282.04
.25	0.0	0.0	88.7	0.3	88.3	0.3	88.0	282.03
29.33	0.0	0.0	88.0	0.3	87.7	0.3	87.4	282.02
29.42	0.0	0.0	87.4	0.3	87.1	0.3	86.8	282.01
29.50	0.0	0.0	86.8	0.3	86.5	0.3	86.2	282.01
29.58	0.0	0.0	86.2	0.3	85.9	0.3	85.6	282.00
29.67	0.0	0.0	85.6	0.3	85.3	0.3	85.0	281.99
29.75	0.0	0.0	85.0	0.3	84.7	0.3	84.4	281.98
29.83	0.0	0.0	84.4	0.3	84.1	0.3	83.8	281.97
29.92	0.0	0.0	83.8	0.3	83.5	0.3	83.2	281.97
30.00	0.0	0.0	83.2	0.3	82.9	0.3	82.6	281.96
30.08	0.0	0.0	82.6	0.3	82.4	0.3	82.1	281.95
30.17	0.0	0.0	82.1	0.3	81.8	0.3	81.5	281.94
30.25	0.0	0.0	81.5	0.3	81.2	0.3	80.9	281.93
30.33	0.0	0.0	80.9	0.3	80.7	0.3	80.4	281.93
30.42	0.0	0.0	80.4	0.3	80.1	0.3	79.8	281.92
30.50	0.0	0.0	79.8	0.3	79.6	0.3	79.3	281.91
30.58	0.0	0.0	79.3	0.3	79.0	0.3	78.8	281.90
30.67	0.0	0.0	78.8	0.3	78.5	0.3	78.2	281.90
30.75	0.0	0.0	78.2	0.3	78.0	0.3	77.7	281.89
30.83	0.0	0.0	77.7	0.3	77.4	0.3	77.2	281.88
30.92	0.0	0.0	77.2	0.3	76.9	0.3	76.6	281.87
31.00	0.0	0.0	76.6	0.3	76.4	0.3	76.1	281.87
31.08	0.0	0.0	76.1	0.3	75.8	0.3	75.6	281.86
31.17	0.0	0.0	75.6	0.3	75.3	0.3	75.1	281.85
31.25	0.0	0.0	75.1	0.3	74.8	0.3	74.5	281.84
.33	0.0	0.0	74.5	0.3	74.3	0.3	74.0	281.83

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
31.42	0.0	0.0	74.0	0.3	73.8	0.3	73.5	281.83
31.50	0.0	0.0	73.5	0.3	73.2	0.3	73.0	281.82
31.58	0.0	0.0	73.0	0.3	72.7	0.3	72.5	281.81
31.67	0.0	0.0	72.5	0.3	72.2	0.3	72.0	281.81
31.75	0.0	0.0	72.0	0.3	71.7	0.3	71.4	281.80
31.83	0.0	0.0	71.4	0.3	71.2	0.3	70.9	281.79
31.92	0.0	0.0	70.9	0.3	70.7	0.3	70.4	281.78
32.00	0.0	0.0	70.4	0.3	70.2	0.3	69.9	281.78
32.08	0.0	0.0	69.9	0.3	69.7	0.3	69.4	281.77
32.17	0.0	0.0	69.4	0.3	69.2	0.3	68.9	281.76
32.25	0.0	0.0	68.9	0.3	68.7	0.3	68.4	281.75
32.33	0.0	0.0	68.4	0.3	68.2	0.2	67.9	281.75
32.42	0.0	0.0	67.9	0.2	67.7	0.2	67.4	281.74
32.50	0.0	0.0	67.4	0.2	67.2	0.2	66.9	281.73
32.58	0.0	0.0	66.9	0.2	66.7	0.2	66.4	281.72
32.67	0.0	0.0	66.4	0.2	66.2	0.2	65.9	281.72
32.75	0.0	0.0	65.9	0.2	65.7	0.2	65.4	281.71
32.83	0.0	0.0	65.4	0.2	65.2	0.2	65.0	281.70
32.92	0.0	0.0	65.0	0.2	64.7	0.2	64.5	281.70
33.00	0.0	0.0	64.5	0.2	64.2	0.2	64.0	281.69
33.08	0.0	0.0	64.0	0.2	63.7	0.2	63.5	281.68
33.17	0.0	0.0	63.5	0.2	63.3	0.2	63.0	281.68
33.25	0.0	0.0	63.0	0.2	62.8	0.2	62.5	281.67
33.33	0.0	0.0	62.5	0.2	62.3	0.2	62.1	281.66
33.42	0.0	0.0	62.1	0.2	61.8	0.2	61.6	281.65
33.50	0.0	0.0	61.6	0.2	61.3	0.2	61.1	281.65
33.58	0.0	0.0	61.1	0.2	60.9	0.2	60.6	281.64
33.67	0.0	0.0	60.6	0.2	60.4	0.2	60.1	281.63
33.75	0.0	0.0	60.1	0.2	59.9	0.2	59.7	281.63
33.83	0.0	0.0	59.7	0.2	59.4	0.2	59.2	281.62
33.92	0.0	0.0	59.2	0.2	59.0	0.2	58.7	281.61
34.00	0.0	0.0	58.7	0.2	58.5	0.2	58.3	281.61
34.08	0.0	0.0	58.3	0.2	58.0	0.2	57.8	281.60
34.17	0.0	0.0	57.8	0.2	57.6	0.2	57.3	281.59
34.25	0.0	0.0	57.3	0.2	57.1	0.2	56.9	281.59
34.33	0.0	0.0	56.9	0.2	56.6	0.2	56.4	281.58
34.42	0.0	0.0	56.4	0.2	56.2	0.2	56.0	281.57

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100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
34.50	0.0	0.0	56.0	0.2	55.7	0.2	55.5	281.57
34.58	0.0	0.0	55.5	0.2	55.3	0.2	55.0	281.56
34.67	0.0	0.0	55.0	0.2	54.8	0.2	54.6	281.55
34.75	0.0	0.0	54.6	0.2	54.4	0.2	54.1	281.55
34.83	0.0	0.0	54.1	0.2	53.9	0.2	53.7	281.54
34.92	0.0	0.0	53.7	0.2	53.5	0.2	53.2	281.53
35.00	0.0	0.0	53.2	0.2	53.0	0.2	52.8	281.53
35.08	0.0	0.0	52.8	0.2	52.6	0.2	52.3	281.52
35.17	0.0	0.0	52.3	0.2	52.1	0.2	51.9	281.51
35.25	0.0	0.0	51.9	0.2	51.7	0.2	51.4	281.51
[illegible]33	0.0	0.0	51.4	0.2	51.2	0.2	51.0	281.50
[illegible].42	0.0	0.0	51.0	0.2	50.8	0.2	50.6	281.49
35.50	0.0	0.0	50.6	0.2	50.3	0.2	50.1	281.48
35.58	0.0	0.0	50.1	0.2	49.9	0.2	49.7	281.48
35.67	0.0	0.0	49.7	0.2	49.5	0.2	49.3	281.47
35.75	0.0	0.0	49.3	0.2	49.0	0.2	48.8	281.46
35.83	0.0	0.0	48.8	0.2	48.6	0.2	48.4	281.45
35.92	0.0	0.0	48.4	0.2	48.2	0.2	48.0	281.44
36.00	0.0	0.0	48.0	0.2	47.8	0.2	47.6	281.43
36.08	0.0	0.0	47.6	0.2	47.4	0.2	47.2	281.43
36.17	0.0	0.0	47.2	0.2	47.0	0.2	46.8	281.42
36.25	0.0	0.0	46.8	0.2	46.6	0.2	46.4	281.41
36.33	0.0	0.0	46.4	0.2	46.2	0.2	46.0	281.40
36.42	0.0	0.0	46.0	0.2	45.8	0.2	45.6	281.39
36.50	0.0	0.0	45.6	0.2	45.4	0.2	45.2	281.39
36.58	0.0	0.0	45.2	0.2	45.0	0.2	44.8	281.38
36.67	0.0	0.0	44.8	0.2	44.6	0.2	44.4	281.37
36.75	0.0	0.0	44.4	0.2	44.2	0.2	44.0	281.36
36.83	0.0	0.0	44.0	0.2	43.8	0.2	43.6	281.36
36.92	0.0	0.0	43.6	0.2	43.4	0.2	43.3	281.35
37.00	0.0	0.0	43.3	0.2	43.1	0.2	42.9	281.34
37.08	0.0	0.0	42.9	0.2	42.7	0.2	42.5	281.33
37.17	0.0	0.0	42.5	0.2	42.3	0.2	42.1	281.33
37.25	0.0	0.0	42.1	0.2	42.0	0.2	41.8	281.32
37.33	0.0	0.0	41.8	0.2	41.6	0.2	41.4	281.31
37.42	0.0	0.0	41.4	0.2	41.2	0.2	41.1	281.31
[illegible].50	0.0	0.0	41.1	0.2	40.9	0.2	40.7	281.30

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POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
37.58	0.0	0.0	40.7	0.2	40.5	0.2	40.4	281.29
37.67	0.0	0.0	40.4	0.2	40.2	0.2	40.0	281.28
37.75	0.0	0.0	40.0	0.2	39.8	0.2	39.7	281.28
37.83	0.0	0.0	39.7	0.2	39.5	0.2	39.3	281.27
37.92	0.0	0.0	39.3	0.2	39.1	0.2	39.0	281.26
38.00	0.0	0.0	39.0	0.2	38.8	0.2	38.6	281.26
38.08	0.0	0.0	38.6	0.2	38.5	0.2	38.3	281.25
38.17	0.0	0.0	38.3	0.2	38.1	0.2	38.0	281.25
38.25	0.0	0.0	38.0	0.2	37.8	0.2	37.6	281.24
38.33	0.0	0.0	37.6	0.2	37.5	0.2	37.3	281.23
[illegible]42	0.0	0.0	37.3	0.2	37.2	0.2	37.0	281.23
[illegible]50	0.0	0.0	37.0	0.2	36.8	0.2	36.7	281.22
38.58	0.0	0.0	36.7	0.2	36.5	0.2	36.4	281.21
38.67	0.0	0.0	36.4	0.2	36.2	0.2	36.0	281.21
38.75	0.0	0.0	36.0	0.2	35.9	0.2	35.7	281.20
38.83	0.0	0.0	35.7	0.2	35.6	0.2	35.4	281.20
38.92	0.0	0.0	35.4	0.2	35.3	0.2	35.1	281.19
39.00	0.0	0.0	35.1	0.2	35.0	0.2	34.8	281.18
39.08	0.0	0.0	34.8	0.2	34.7	0.1	34.5	281.18
39.17	0.0	0.0	34.5	0.1	34.4	0.1	34.2	281.17
39.25	0.0	0.0	34.2	0.1	34.1	0.1	33.9	281.17
39.33	0.0	0.0	33.9	0.1	33.8	0.1	33.6	281.16
39.42	0.0	0.0	33.6	0.1	33.5	0.1	33.3	281.15
39.50	0.0	0.0	33.3	0.1	33.2	0.1	33.1	281.15
39.58	0.0	0.0	33.1	0.1	32.9	0.1	32.8	281.14
39.67	0.0	0.0	32.8	0.1	32.6	0.1	32.5	281.14
39.75	0.0	0.0	32.5	0.1	32.3	0.1	32.2	281.13
39.83	0.0	0.0	32.2	0.1	32.1	0.1	31.9	281.13
39.92	0.0	0.0	31.9	0.1	31.8	0.1	31.6	281.12
40.00	0.0	0.0	31.6	0.1	31.5	0.1	31.4	281.12
40.08	0.0	0.0	31.4	0.1	31.2	0.1	31.1	281.11
40.17	0.0	0.0	31.1	0.1	31.0	0.1	30.8	281.11
40.25	0.0	0.0	30.8	0.1	30.7	0.1	30.6	281.10
40.33	0.0	0.0	30.6	0.1	30.4	0.1	30.3	281.09
40.42	0.0	0.0	30.3	0.1	30.2	0.1	30.0	281.09
40.50	0.0	0.0	30.0	0.1	29.9	0.1	29.8	281.08
[illegible]58	0.0	0.0	29.8	0.1	29.7	0.1	29.5	281.08

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POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
40.67	0.0	0.0	29.5	0.1	29.4	0.1	29.3	281.07
40.75	0.0	0.0	29.3	0.1	29.1	0.1	29.0	281.07
40.83	0.0	0.0	29.0	0.1	28.9	0.1	28.8	281.06
40.92	0.0	0.0	28.8	0.1	28.6	0.1	28.5	281.06
41.00	0.0	0.0	28.5	0.1	28.4	0.1	28.3	281.05
41.08	0.0	0.0	28.3	0.1	28.1	0.1	28.0	281.05
41.17	0.0	0.0	28.0	0.1	27.9	0.1	27.8	281.05
41.25	0.0	0.0	27.8	0.1	27.7	0.1	27.5	281.04
41.33	0.0	0.0	27.5	0.1	27.4	0.1	27.3	281.04
41.42	0.0	0.0	27.3	0.1	27.2	0.1	27.1	281.03
50	0.0	0.0	27.1	0.1	27.0	0.1	26.8	281.03
.58	0.0	0.0	26.8	0.1	26.7	0.1	26.6	281.02
41.67	0.0	0.0	26.6	0.1	26.5	0.1	26.4	281.02
41.75	0.0	0.0	26.4	0.1	26.3	0.1	26.1	281.01
41.83	0.0	0.0	26.1	0.1	26.0	0.1	25.9	281.01
41.92	0.0	0.0	25.9	0.1	25.8	0.1	25.7	281.00
42.00	0.0	0.0	25.7	0.1	25.6	0.1	25.5	281.00
42.08	0.0	0.0	25.5	0.1	25.4	0.1	25.3	281.00
42.17	0.0	0.0	25.3	0.1	25.1	0.1	25.0	280.99
42.25	0.0	0.0	25.0	0.1	24.9	0.1	24.8	280.99
42.33	0.0	0.0	24.8	0.1	24.7	0.1	24.6	280.98
42.42	0.0	0.0	24.6	0.1	24.5	0.1	24.4	280.98
42.50	0.0	0.0	24.4	0.1	24.3	0.1	24.2	280.97
42.58	0.0	0.0	24.2	0.1	24.1	0.1	24.0	280.97
42.67	0.0	0.0	24.0	0.1	23.9	0.1	23.8	280.97
42.75	0.0	0.0	23.8	0.1	23.7	0.1	23.6	280.96
42.83	0.0	0.0	23.6	0.1	23.5	0.1	23.4	280.96
42.92	0.0	0.0	23.4	0.1	23.3	0.1	23.2	280.95
43.00	0.0	0.0	23.2	0.1	23.1	0.1	23.0	280.95
43.08	0.0	0.0	23.0	0.1	22.9	0.1	22.8	280.95
43.17	0.0	0.0	22.8	0.1	22.7	0.1	22.6	280.94
43.25	0.0	0.0	22.6	0.1	22.5	0.1	22.4	280.94
43.33	0.0	0.0	22.4	0.1	22.3	0.1	22.2	280.94
43.42	0.0	0.0	22.2	0.1	22.1	0.1	22.0	280.93
43.50	0.0	0.0	22.0	0.1	21.9	0.1	21.8	280.93
43.58	0.0	0.0	21.8	0.1	21.7	0.1	21.6	280.92
67	0.0	0.0	21.6	0.1	21.5	0.1	21.4	280.92

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HYDROLOGIC REPORT FOR

CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
43.75	0.0	0.0	21.4	0.1	21.3	0.1	21.2	280.92
43.83	0.0	0.0	21.2	0.1	21.1	0.1	21.0	280.91
43.92	0.0	0.0	21.0	0.1	21.0	0.1	20.9	280.91
44.00	0.0	0.0	20.9	0.1	20.8	0.1	20.7	280.91
44.08	0.0	0.0	20.7	0.1	20.6	0.1	20.5	280.90
44.17	0.0	0.0	20.5	0.1	20.4	0.1	20.3	280.90
44.25	0.0	0.0	20.3	0.1	20.2	0.1	20.2	280.90
44.33	0.0	0.0	20.2	0.1	20.1	0.1	20.0	280.89
44.42	0.0	0.0	20.0	0.1	19.9	0.1	19.8	280.89
44.50	0.0	0.0	19.8	0.1	19.7	0.1	19.6	280.89
58	0.0	0.0	19.6	0.1	19.6	0.1	19.5	280.88
.67	0.0	0.0	19.5	0.1	19.4	0.1	19.3	280.88
44.75	0.0	0.0	19.3	0.1	19.2	0.1	19.1	280.88
44.83	0.0	0.0	19.1	0.1	19.0	0.1	19.0	280.87
44.92	0.0	0.0	19.0	0.1	18.9	0.1	18.8	280.87
45.00	0.0	0.0	18.8	0.1	18.7	0.1	18.6	280.87
45.08	0.0	0.0	18.6	0.1	18.6	0.1	18.5	280.86
45.17	0.0	0.0	18.5	0.1	18.4	0.1	18.3	280.86
45.25	0.0	0.0	18.3	0.1	18.2	0.1	18.2	280.86
45.33	0.0	0.0	18.2	0.1	18.1	0.1	18.0	280.85
45.42	0.0	0.0	18.0	0.1	17.9	0.1	17.8	280.85
45.50	0.0	0.0	17.8	0.1	17.8	0.1	17.7	280.85
45.58	0.0	0.0	17.7	0.1	17.6	0.1	17.5	280.84
45.67	0.0	0.0	17.5	0.1	17.5	0.1	17.4	280.84
45.75	0.0	0.0	17.4	0.1	17.3	0.1	17.2	280.84
45.83	0.0	0.0	17.2	0.1	17.2	0.1	17.1	280.84
45.92	0.0	0.0	17.1	0.1	17.0	0.1	16.9	280.83
46.00	0.0	0.0	16.9	0.1	16.9	0.1	16.8	280.83
46.08	0.0	0.0	16.8	0.1	16.7	0.1	16.7	280.83
46.17	0.0	0.0	16.7	0.1	16.6	0.1	16.5	280.82
46.25	0.0	0.0	16.5	0.1	16.4	0.1	16.4	280.82
46.33	0.0	0.0	16.4	0.1	16.3	0.1	16.2	280.82
46.42	0.0	0.0	16.2	0.1	16.2	0.1	16.1	280.82
46.50	0.0	0.0	16.1	0.1	16.0	0.1	15.9	280.81
46.58	0.0	0.0	15.9	0.1	15.9	0.1	15.8	280.81
46.67	0.0	0.0	15.8	0.1	15.7	0.1	15.7	280.81
75	0.0	0.0	15.7	0.1	15.6	0.1	15.5	280.80

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BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

T	I1	I2	2S1/T	O1	2S2/T +O2	O2	2S2/T	ELEV
46.83	0.0	0.0	15.5	0.1	15.5	0.1	15.4	280.80
46.92	0.0	0.0	15.4	0.1	15.3	0.1	15.3	280.80
47.00	0.0	0.0	15.3	0.1	15.2	0.1	15.1	280.80
47.08	0.0	0.0	15.1	0.1	15.1	0.1	15.0	280.79
47.17	0.0	0.0	15.0	0.1	14.9	0.1	14.9	280.79
47.25	0.0	0.0	14.9	0.1	14.8	0.1	14.7	280.79
47.33	0.0	0.0	14.7	0.1	14.7	0.1	14.6	280.79
47.42	0.0	0.0	14.6	0.1	14.6	0.1	14.5	280.78
47.50	0.0	0.0	14.5	0.1	14.4	0.1	14.4	280.78
47.58	0.0	0.0	14.4	0.1	14.3	0.1	14.2	280.78
[illegible]67	0.0	0.0	14.2	0.1	14.2	0.1	14.1	280.78
[illegible].75	0.0	0.0	14.1	0.1	14.1	0.1	14.0	280.77
47.83	0.0	0.0	14.0	0.1	13.9	0.1	13.9	280.77
47.92	0.0	0.0	13.9	0.1	13.8	0.1	13.8	280.77
48.00	0.0	0.0	13.8	0.1	13.7	0.1	13.6	280.77
48.08	0.0	0.0	13.6	0.1	13.6	0.1	13.5	280.77
48.17	0.0	0.0	13.5	0.1	13.5	0.1	13.4	280.76
48.25	0.0	0.0	13.4	0.1	13.3	0.1	13.3	280.76
48.33	0.0	0.0	13.3	0.1	13.2	0.1	13.2	280.76
48.42	0.0	0.0	13.2	0.1	13.1	0.1	13.1	280.76
48.50	0.0	0.0	13.1	0.1	13.0	0.1	12.9	280.75
48.58	0.0	0.0	12.9	0.1	12.9	0.1	12.8	280.75
48.67	0.0	0.0	12.8	0.1	12.8	0.1	12.7	280.75
48.75	0.0	0.0	12.7	0.1	12.7	0.1	12.6	280.75
48.83	0.0	0.0	12.6	0.1	12.6	0.1	12.5	280.75
48.92	0.0	0.0	12.5	0.1	12.5	0.1	12.4	280.74
49.00	0.0	0.0	12.4	0.1	12.3	0.1	12.3	280.74
49.08	0.0	0.0	12.3	0.1	12.2	0.1	12.2	280.74
49.17	0.0	0.0	12.2	0.1	12.1	0.1	12.1	280.74
49.25	0.0	0.0	12.1	0.1	12.0	0.1	12.0	280.73
49.33	0.0	0.0	12.0	0.1	11.9	0.1	11.9	280.73
49.42	0.0	0.0	11.9	0.1	11.8	0.1	11.8	280.73
49.50	0.0	0.0	11.8	0.1	11.7	0.1	11.7	280.73
49.58	0.0	0.0	11.7	0.1	11.6	0.1	11.6	280.73
49.67	0.0	0.0	11.6	0.1	11.5	0.0	11.5	280.73

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CROTON OVERLOOK

BASIN IDENTIFIER POSTDEVELOPMENT AREA D
POND IDENTIFIER MICROPOOL POND
100 YEAR STORM FREQUENCY (CONT'D)

TIME TO PEAK	=	13.33	HOURS
MAXIMUM DISCHARGE	=	3.758	C.F.S.
MAXIMUM STORAGE	=	68,568.1	CU.FT.
MAXIMUM ELEVATION	=	285.65	FEET
INFLOW VOLUME	=	128,258.1	CU.FT.
DISCHARGE VOLUME	=	126,538.0	CU.FT.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION		POSTDEVELOPMENT AREA E	
BASIN DISCHARGES INTO		OVERLAND OFF SITE	
BASIN AREA	=	0.23	ACRES
BASIN CURVE NUMBER	=	61.00	
24-HOUR PRECIPITATION	=	3.50	INCHES
24-HOUR RUNOFF	=	0.57	INCHES
AVERAGE BASIN SLOPE	=	6.50	%
HYDRAULIC LENGTH	=	123.00	FEET
BASIN LAG ,(Tc)	=	0.05	HOURS , 0.08 HOURS
UNITPEAK COEFFICIENT	=	484.00	
RAINFALL DISTRIBUTION	=	TYPE III	

HYDROGRAPH RUNOFF VALUES
2 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	11.42	0.0	11.50	0.0	11.58	0.0
11.67	0.0	11.75	0.0	11.83	0.0	11.92	0.0
12.00	0.0	12.08	0.1	12.17	0.1	12.25	0.1
12.33	0.1	12.42	0.0	12.50	0.0	12.58	0.0
12.67	0.0	12.75	0.0	12.83	0.0	12.92	0.0
13.00	0.0	13.08	0.0	13.17	0.0	13.25	0.0
13.33	0.0	13.42	0.0	13.50	0.0	13.58	0.0
13.67	0.0	13.75	0.0	13.83	0.0	13.92	0.0
14.00	0.0	14.08	0.0	14.17	0.0	14.25	0.0
14.33	0.0	14.42	0.0	14.50	0.0	14.58	0.0
14.67	0.0	14.75	0.0	14.83	0.0	14.92	0.0
15.00	0.0	15.08	0.0	15.17	0.0	15.25	0.0
15.33	0.0	15.42	0.0	15.50	0.0	15.58	0.0
15.67	0.0	15.75	0.0	15.83	0.0	15.92	0.0
16.00	0.0	16.08	0.0	16.17	0.0	16.25	0.0
16.33	0.0	16.42	0.0	16.50	0.0	16.58	0.0
16.67	0.0	16.75	0.0	16.83	0.0	16.92	0.0
17.00	0.0	17.08	0.0	17.17	0.0	17.25	0.0
17.33	0.0	17.42	0.0	17.50	0.0	17.58	0.0
17.67	0.0	17.75	0.0	17.83	0.0	17.92	0.0
18.00	0.0	18.08	0.0	18.17	0.0	18.25	0.0
18.33	0.0	18.42	0.0	18.50	0.0	18.58	0.0
18.67	0.0	18.75	0.0	18.83	0.0	18.92	0.0
19.00	0.0	19.08	0.0	19.17	0.0	19.25	0.0
19.33	0.0	19.42	0.0	19.50	0.0	19.58	0.0

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HYDROGRAPH RUNOFF VALUES
2 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
19.67	0.0	19.75	0.0	19.83	0.0	19.92	0.0
20.00	0.0	20.08	0.0	20.17	0.0	20.25	0.0
20.33	0.0	20.42	0.0	20.50	0.0	20.58	0.0
20.67	0.0	20.75	0.0	20.83	0.0	20.92	0.0
21.00	0.0	21.08	0.0	21.17	0.0	21.25	0.0
21.33	0.0	21.42	0.0	21.50	0.0	21.58	0.0
21.67	0.0	21.75	0.0	21.83	0.0	21.92	0.0
22.00	0.0	22.08	0.0	22.17	0.0	22.25	0.0
22.33	0.0	22.42	0.0	22.50	0.0	22.58	0.0
22.67	0.0	22.75	0.0	22.83	0.0	22.92	0.0
23.00	0.0	23.08	0.0	23.17	0.0	23.25	0.0
23.33	0.0	23.42	0.0	23.50	0.0	23.58	0.0
23.67	0.0	23.75	0.0	23.83	0.0	23.92	0.0
.00	0.0	24.08	0.0	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.17 HOURS
PEAK RUNOFF = 0.11 C.F.S.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION POSTDEVELOPMENT AREA E
BASIN DISCHARGES INTO OVERLAND OFF SITE

BASIN AREA	=	0.23	ACRES	
BASIN CURVE NUMBER	=	61.00		
24-HOUR PRECIPITATION	=	5.00	INCHES	
24-HOUR RUNOFF	=	1.37	INCHES	
AVERAGE BASIN SLOPE	=	6.50	%	
HYDRAULIC LENGTH	=	123.00	FEET	
BASIN LAG ,(Tc)	=	0.05	HOURS ,	0.08 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
[illegible].67	0.0	10.75	0.0	10.83	0.0	10.92	0.0
11.00	0.0	11.08	0.0	11.17	0.0	11.25	0.0
11.33	0.0	11.42	0.0	11.50	0.0	11.58	0.0
11.67	0.0	11.75	0.0	11.83	0.1	11.92	0.1
12.00	0.2	12.08	0.3	12.17	0.3	12.25	0.2
12.33	0.2	12.42	0.1	12.50	0.1	12.58	0.1
12.67	0.1	12.75	0.1	12.83	0.0	12.92	0.0
13.00	0.0	13.08	0.0	13.17	0.0	13.25	0.0
13.33	0.0	13.42	0.0	13.50	0.0	13.58	0.0
13.67	0.0	13.75	0.0	13.83	0.0	13.92	0.0
14.00	0.0	14.08	0.0	14.17	0.0	14.25	0.0
14.33	0.0	14.42	0.0	14.50	0.0	14.58	0.0
14.67	0.0	14.75	0.0	14.83	0.0	14.92	0.0
15.00	0.0	15.08	0.0	15.17	0.0	15.25	0.0
15.33	0.0	15.42	0.0	15.50	0.0	15.58	0.0
15.67	0.0	15.75	0.0	15.83	0.0	15.92	0.0
16.00	0.0	16.08	0.0	16.17	0.0	16.25	0.0
16.33	0.0	16.42	0.0	16.50	0.0	16.58	0.0
16.67	0.0	16.75	0.0	16.83	0.0	16.92	0.0
17.00	0.0	17.08	0.0	17.17	0.0	17.25	0.0
17.33	0.0	17.42	0.0	17.50	0.0	17.58	0.0
17.67	0.0	17.75	0.0	17.83	0.0	17.92	0.0
18.00	0.0	18.08	0.0	18.17	0.0	18.25	0.0
18.33	0.0	18.42	0.0	18.50	0.0	18.58	0.0
18.67	0.0	18.75	0.0	18.83	0.0	18.92	0.0

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HYDROGRAPH RUNOFF VALUES
10 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
19.00	0.0	19.08	0.0	19.17	0.0	19.25	0.0
19.33	0.0	19.42	0.0	19.50	0.0	19.58	0.0
19.67	0.0	19.75	0.0	19.83	0.0	19.92	0.0
20.00	0.0	20.08	0.0	20.17	0.0	20.25	0.0
20.33	0.0	20.42	0.0	20.50	0.0	20.58	0.0
20.67	0.0	20.75	0.0	20.83	0.0	20.92	0.0
21.00	0.0	21.08	0.0	21.17	0.0	21.25	0.0
21.33	0.0	21.42	0.0	21.50	0.0	21.58	0.0
21.67	0.0	21.75	0.0	21.83	0.0	21.92	0.0
22.00	0.0	22.08	0.0	22.17	0.0	22.25	0.0
22.33	0.0	22.42	0.0	22.50	0.0	22.58	0.0
22.67	0.0	22.75	0.0	22.83	0.0	22.92	0.0
[illegible].00	0.0	23.08	0.0	23.17	0.0	23.25	0.0
[illegible].33	0.0	23.42	0.0	23.50	0.0	23.58	0.0
23.67	0.0	23.75	0.0	23.83	0.0	23.92	0.0
24.00	0.0	24.08	0.0	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.08 HOURS
PEAK RUNOFF = 0.29 C.F.S.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION POSTDEVELOPMENT AREA E
BASIN DISCHARGES INTO OVERLAND OFF SITE

BASIN AREA	=	0.23	ACRES	
BASIN CURVE NUMBER	=	61.00		
24-HOUR PRECIPITATION	=	6.00	INCHES	
24-HOUR RUNOFF	=	2.01	INCHES	
AVERAGE BASIN SLOPE	=	6.50	%	
HYDRAULIC LENGTH	=	123.00	FEET	
BASIN LAG ,(Tc)	=	0.05	HOURS ,	0.08 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
10.00	0.0	10.08	0.0	10.17	0.0	10.25	0.0
10.33	0.0	10.42	0.0	10.50	0.0	10.58	0.0
10.67	0.0	10.75	0.0	10.83	0.0	10.92	0.0
11.00	0.0	11.08	0.0	11.17	0.0	11.25	0.0
11.33	0.0	11.42	0.0	11.50	0.0	11.58	0.0
11.67	0.0	11.75	0.1	11.83	0.1	11.92	0.2
12.00	0.3	12.08	0.4	12.17	0.4	12.25	0.3
12.33	0.2	12.42	0.1	12.50	0.1	12.58	0.1
12.67	0.1	12.75	0.1	12.83	0.1	12.92	0.1
13.00	0.1	13.08	0.1	13.17	0.1	13.25	0.1
13.33	0.0	13.42	0.1	13.50	0.0	13.58	0.0
13.67	0.0	13.75	0.0	13.83	0.0	13.92	0.0
14.00	0.0	14.08	0.0	14.17	0.0	14.25	0.0
14.33	0.0	14.42	0.0	14.50	0.0	14.58	0.0
14.67	0.0	14.75	0.0	14.83	0.0	14.92	0.0
15.00	0.0	15.08	0.0	15.17	0.0	15.25	0.0
15.33	0.0	15.42	0.0	15.50	0.0	15.58	0.0
15.67	0.0	15.75	0.0	15.83	0.0	15.92	0.0
16.00	0.0	16.08	0.0	16.17	0.0	16.25	0.0
16.33	0.0	16.42	0.0	16.50	0.0	16.58	0.0
16.67	0.0	16.75	0.0	16.83	0.0	16.92	0.0
17.00	0.0	17.08	0.0	17.17	0.0	17.25	0.0
17.33	0.0	17.42	0.0	17.50	0.0	17.58	0.0
17.67	0.0	17.75	0.0	17.83	0.0	17.92	0.0
18.00	0.0	18.08	0.0	18.17	0.0	18.25	0.0

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OCTOBER 21, 2010

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CROTON OVERLOOK

HYDROGRAPH RUNOFF VALUES
25 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
18.33	0.0	18.42	0.0	18.50	0.0	18.58	0.0
18.67	0.0	18.75	0.0	18.83	0.0	18.92	0.0
19.00	0.0	19.08	0.0	19.17	0.0	19.25	0.0
19.33	0.0	19.42	0.0	19.50	0.0	19.58	0.0
19.67	0.0	19.75	0.0	19.83	0.0	19.92	0.0
20.00	0.0	20.08	0.0	20.17	0.0	20.25	0.0
20.33	0.0	20.42	0.0	20.50	0.0	20.58	0.0
20.67	0.0	20.75	0.0	20.83	0.0	20.92	0.0
21.00	0.0	21.08	0.0	21.17	0.0	21.25	0.0
21.33	0.0	21.42	0.0	21.50	0.0	21.58	0.0
21.67	0.0	21.75	0.0	21.83	0.0	21.92	0.0
22.00	0.0	22.08	0.0	22.17	0.0	22.25	0.0
22.33	0.0	22.42	0.0	22.50	0.0	22.58	0.0
.67	0.0	22.75	0.0	22.83	0.0	22.92	0.0
23.00	0.0	23.08	0.0	23.17	0.0	23.25	0.0
23.33	0.0	23.42	0.0	23.50	0.0	23.58	0.0
23.67	0.0	23.75	0.0	23.83	0.0	23.92	0.0
24.00	0.0	24.08	0.0	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.08 HOURS
PEAK RUNOFF = 0.45 C.F.S.

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24 HOUR S. C. S. HYDROGRAPH

BASIN IDENTIFICATION POSTDEVELOPMENT AREA E
BASIN DISCHARGES INTO OVERLAND OFF SITE

BASIN AREA	=	0.23	ACRES	
BASIN CURVE NUMBER	=	61.00		
24-HOUR PRECIPITATION	=	7.50	INCHES	
24-HOUR RUNOFF	=	3.07	INCHES	
AVERAGE BASIN SLOPE	=	6.50	%	
HYDRAULIC LENGTH	=	123.00	FEET	
BASIN LAG ,(Tc)	=	0.05	HOURS ,	0.08 HOURS
UNITPEAK COEFFICIENT	=	484.00		
RAINFALL DISTRIBUTION	=	TYPE III		

HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
.33	0.0	9.42	0.0	9.50	0.0	9.58	0.0
9.67	0.0	9.75	0.0	9.83	0.0	9.92	0.0
10.00	0.0	10.08	0.0	10.17	0.0	10.25	0.0
10.33	0.0	10.42	0.0	10.50	0.0	10.58	0.0
10.67	0.0	10.75	0.0	10.83	0.0	10.92	0.0
11.00	0.0	11.08	0.0	11.17	0.0	11.25	0.0
11.33	0.0	11.42	0.0	11.50	0.0	11.58	0.1
11.67	0.1	11.75	0.1	11.83	0.2	11.92	0.3
12.00	0.6	12.08	0.7	12.17	0.7	12.25	0.5
12.33	0.4	12.42	0.2	12.50	0.1	12.58	0.1
12.67	0.1	12.75	0.1	12.83	0.1	12.92	0.1
13.00	0.1	13.08	0.1	13.17	0.1	13.25	0.1
13.33	0.1	13.42	0.1	13.50	0.1	13.58	0.1
13.67	0.1	13.75	0.1	13.83	0.1	13.92	0.1
14.00	0.1	14.08	0.1	14.17	0.1	14.25	0.1
14.33	0.1	14.42	0.1	14.50	0.1	14.58	0.0
14.67	0.0	14.75	0.0	14.83	0.0	14.92	0.0
15.00	0.0	15.08	0.0	15.17	0.0	15.25	0.0
15.33	0.0	15.42	0.0	15.50	0.0	15.58	0.0
15.67	0.0	15.75	0.0	15.83	0.0	15.92	0.0
16.00	0.0	16.08	0.0	16.17	0.0	16.25	0.0
16.33	0.0	16.42	0.0	16.50	0.0	16.58	0.0
16.67	0.0	16.75	0.0	16.83	0.0	16.92	0.0
17.00	0.0	17.08	0.0	17.17	0.0	17.25	0.0
17.33	0.0	17.42	0.0	17.50	0.0	17.58	0.0

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HYDROGRAPH RUNOFF VALUES
100 YEAR STORM FREQUENCY (CONT'D)

TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.	TIME HOUR	RUNOFF C.F.S.
17.67	0.0	17.75	0.0	17.83	0.0	17.92	0.0
18.00	0.0	18.08	0.0	18.17	0.0	18.25	0.0
18.33	0.0	18.42	0.0	18.50	0.0	18.58	0.0
18.67	0.0	18.75	0.0	18.83	0.0	18.92	0.0
19.00	0.0	19.08	0.0	19.17	0.0	19.25	0.0
19.33	0.0	19.42	0.0	19.50	0.0	19.58	0.0
19.67	0.0	19.75	0.0	19.83	0.0	19.92	0.0
20.00	0.0	20.08	0.0	20.17	0.0	20.25	0.0
20.33	0.0	20.42	0.0	20.50	0.0	20.58	0.0
20.67	0.0	20.75	0.0	20.83	0.0	20.92	0.0
21.00	0.0	21.08	0.0	21.17	0.0	21.25	0.0
21.33	0.0	21.42	0.0	21.50	0.0	21.58	0.0
21.67	0.0	21.75	0.0	21.83	0.0	21.92	0.0
.00	0.0	22.08	0.0	22.17	0.0	22.25	0.0
22.33	0.0	22.42	0.0	22.50	0.0	22.58	0.0
22.67	0.0	22.75	0.0	22.83	0.0	22.92	0.0
23.00	0.0	23.08	0.0	23.17	0.0	23.25	0.0
23.33	0.0	23.42	0.0	23.50	0.0	23.58	0.0
23.67	0.0	23.75	0.0	23.83	0.0	23.92	0.0
24.00	0.0	24.08	0.0	24.17	0.0	24.25	0.0
24.33	0.0	24.42	0.0	24.50	0.0	24.58	0.0
24.67	0.0	24.75	0.0	24.83	0.0	24.92	0.0

TIME TO PEAK = 12.08 HOURS
PEAK RUNOFF = 0.71 C.F.S.